

115TH CONGRESS }  
*1st Session*

HOUSE OF REPRESENTATIVES

{ REPORT  
115-???

NATIONAL DEFENSE AUTHORIZATION ACT  
FOR FISCAL YEAR 2018

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CONFERENCE REPORT

TO ACCOMPANY

H.R. 2810



NOVEMBER --, 2017.—Ordered to be printed

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NATIONAL DEFENSE AUTHORIZATION ACT FOR FISCAL YEAR  
2018

\_\_\_\_\_, 2017.—Ordered to be printed

Mr. Thornberry, from the committee of conference,  
submitted the following

CONFERENCE REPORT

[To accompany H.R. 2810]

The committee of conference on the disagreeing votes of the two Houses on the amendment of the Senate to the bill (H.R. 2810), to authorize appropriations for fiscal year 2018 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes, having met, after full and free conference, have agreed to recommend and do recommend to their respective Houses as follows:

That the House recede from its disagreement to the amendment of the Senate and agree to the same with an amendment as follows:

In lieu of the matter proposed to be inserted by the Senate amendment, insert the following:

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “National Defense Au-  
3 thorization Act for Fiscal Year 2018”.

4 **SEC. 2. ORGANIZATION OF ACT INTO DIVISIONS; TABLE OF**  
5 **CONTENTS.**

6 (a) DIVISIONS.—This Act is organized into four divi-  
7 sions as follows:

8 (1) Division A—Department of Defense Au-  
9 thorizations.

10 (2) Division B—Military Construction Author-  
11 izations.

12 (3) Division C—Department of Energy Na-  
13 tional Security Authorizations and Other Authoriza-  
14 tions.

15 (4) Division D—Funding Tables.

16 (b) TABLE OF CONTENTS.—The table of contents for  
17 this Act is as follows:

- Sec. 1. Short title.
- Sec. 2. Organization of Act into divisions; table of contents.
- Sec. 3. Congressional defense committees.
- Sec. 4. Budgetary effects of this Act.

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

Subtitle A—Authorization Of Appropriations

Sec. 101. Authorization of appropriations.

Subtitle B—Army Programs

Sec. 111. Authority to expedite procurement of 7.62mm rifles.



- Sec. 112. Limitation on availability of funds for Increment 2 of the Warfighter Information Network-Tactical program.
- Sec. 113. Limitation on availability of funds for upgrade of M113 vehicles.

#### Subtitle C—Navy Programs

- Sec. 121. Aircraft carriers.
- Sec. 122. Icebreaker vessel.
- Sec. 123. Multiyear procurement authority for Arleigh Burke class destroyers.
- Sec. 124. Multiyear procurement authority for Virginia class submarine program.
- Sec. 125. Design and construction of the lead ship of the amphibious ship replacement designated LX(R) or amphibious transport dock designated LPD-30.
- Sec. 126. Multiyear procurement authority for V-22 Osprey aircraft.
- Sec. 127. Extension of limitation on use of sole-source shipbuilding contracts for certain vessels.
- Sec. 128. Limitation on availability of funds for the enhanced multi-mission parachute system.
- Sec. 129. Report on Navy capacity to increase production of certain rotary wing aircraft.

#### Subtitle D—Air Force Programs

- Sec. 131. Inventory requirement for Air Force fighter aircraft.
- Sec. 132. Prohibition on availability of funds for retirement of E-8 JSTARS aircraft.
- Sec. 133. Requirement for continuation of JSTARS aircraft recapitalization program.
- Sec. 134. Limitation on selection of single contractor for C-130H avionics modernization program increment 2.
- Sec. 135. Limitation on availability of funds for EC-130H Compass Call recapitalization program.
- Sec. 136. Limitation on retirement of U-2 and RQ-4 aircraft.
- Sec. 137. Cost-benefit analysis of upgrades to MQ-9 Reaper aircraft.
- Sec. 138. Plan for modernization of the radar for F-16 fighter aircraft of the National Guard.
- Sec. 139. Comptroller General review of Air Force fielding plan for HH-60 replacement programs.

#### Subtitle E—Defense-wide, Joint, and Multiservice Matters

- Sec. 141. F-35 economic order quantity contracting authority.
- Sec. 142. Authority for explosive ordnance disposal units to acquire new or emerging technologies and capabilities.
- Sec. 143. Requirement that certain aircraft and unmanned aerial vehicles use specified standard data link.
- Sec. 144. Reinstatement of requirement to preserve certain C-5 aircraft; mobility capability and requirements study.

### TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

#### Subtitle A—Authorization of Appropriations

- Sec. 201. Authorization of appropriations.

#### Subtitle B—Program Requirements, Restrictions, and Limitations

- Sec. 211. Cost controls for presidential aircraft recapitalization program.
- Sec. 212. Capital investment authority.
- Sec. 213. Prizes for advanced technology achievements.
- Sec. 214. Joint Hypersonics Transition Office.
- Sec. 215. Department of Defense directed energy weapon system prototyping and demonstration program.
- Sec. 216. Appropriate use of authority for prototype projects.
- Sec. 217. Mechanisms for expedited access to technical talent and expertise at academic institutions to support Department of Defense missions.
- Sec. 218. Modification of laboratory quality enhancement program.
- Sec. 219. Reauthorization of Department of Defense Established Program to Stimulate Competitive Research.
- Sec. 220. Codification and enhancement of authorities to provide funds for defense laboratories for research and development of technologies for military missions.
- Sec. 221. Expansion of definition of competitive procedures to include competitive selection for award of science and technology proposals.
- Sec. 222. Inclusion of modeling and simulation in test and evaluation activities for purposes of planning and budget certification.
- Sec. 223. Limitation on availability of funds for F-35 Joint Strike Fighter Follow-On Modernization.
- Sec. 224. Improvement of update process for populating mission data files used in advanced combat aircraft.
- Sec. 225. Support for national security innovation and entrepreneurial education.
- Sec. 226. Limitation on cancellation of designation Executive Agent for a certain Defense Production Act program.

#### Subtitle C—Reports and Other Matters

- Sec. 231. Columbia-class program accountability matrices.
- Sec. 232. Review of barriers to innovation in research and engineering activities of the Department of Defense.
- Sec. 233. Pilot program to improve incentives for technology transfer from Department of Defense laboratories.
- Sec. 234. Competitive acquisition plan for low probability of detection data link networks.
- Sec. 235. Clarification of selection dates for pilot program for the enhancement of the research, development, test, and evaluation centers of the Department of Defense.
- Sec. 236. Requirement for a plan to build a prototype for a new ground combat vehicle for the Army.
- Sec. 237. Plan for successfully fielding the Integrated Air and Missile Defense Battle Command System.

### TITLE III—OPERATION AND MAINTENANCE

#### Subtitle A—Authorization of Appropriations

- Sec. 301. Authorization of appropriations.

#### Subtitle B—Energy and Environment

- Sec. 311. Military Aviation and Installation Assurance Siting Clearinghouse.
- Sec. 312. Energy performance goals and master plan.

- Sec. 313. Payment to Environmental Protection Agency of stipulated penalty in connection with Umatilla Chemical Depot, Oregon.
- Sec. 314. Payment to Environmental Protection Agency of stipulated penalty in connection with Longhorn Army Ammunition Plant, Texas.
- Sec. 315. Department of the Army cleanup and removal of petroleum, oil, and lubricant associated with the Prinz Eugen.
- Sec. 316. Centers for Disease Control study on health implications of per- and polyfluoroalkyl substances contamination in drinking water.
- Sec. 317. Sentinel Landscapes Partnership.
- Sec. 318. Report on release of radium or radioactive material into the groundwater near the industrial reserve plant in Bethpage, New York.

#### Subtitle C—Logistics and Sustainment

- Sec. 321. Reauthorization of multi-trades demonstration project.
- Sec. 322. Increased percentage of sustainment funds authorized for realignment to restoration and modernization at each installation.
- Sec. 323. Guidance regarding use of organic industrial base.

#### Subtitle D—Reports

- Sec. 331. Quarterly reports on personnel and unit readiness.
- Sec. 332. Biennial report on core depot-level maintenance and repair capability.
- Sec. 333. Annual report on personnel, training, and equipment needs of non-federalized National Guard.
- Sec. 334. Annual report on military working dogs used by the Department of Defense.
- Sec. 335. Report on effects of climate change on Department of Defense.
- Sec. 336. Report on optimization of training in and management of special use airspace.
- Sec. 337. Plan for modernized, dedicated Department of the Navy adversary air training enterprise.
- Sec. 338. Updated guidance regarding biennial core report.

#### Subtitle E—Other Matters

- Sec. 341. Explosive safety board.
- Sec. 342. Servicewomen's commemorative partnerships.
- Sec. 343. Limitation on availability of funds for advanced skills management software system of the Navy.
- Sec. 344. Cost-benefit analysis of uniform specifications for Afghan military or security forces.
- Sec. 345. Temporary installation reutilization authority for arsenals, depots, and plants.
- Sec. 346. Comprehensive plan for sharing depot-level maintenance best practices.
- Sec. 347. Pilot program for operation and maintenance budget presentation.
- Sec. 348. Repurposing and reuse of surplus Army firearms.
- Sec. 349. Department of the Navy marksmanship awards.
- Sec. 350. Civilian training for National Guard pilots and sensor operator aircrews of MQ-9 unmanned aerial vehicles.
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- Sec. 352. Modification of the Second Division Memorial.

### TITLE IV—MILITARY PERSONNEL AUTHORIZATIONS

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- Sec. 401. End strengths for active forces.
- Sec. 402. Revisions in permanent active duty end strength minimum levels.

Subtitle B—Reserve Forces

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- Sec. 412. End strengths for Reserves on active duty in support of the reserves.
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- Sec. 414. Fiscal year 2018 limitation on number of non-dual status technicians.
- Sec. 415. Maximum number of reserve personnel authorized to be on active duty for operational support.
- Sec. 416. Number of members of the National Guard on full-time duty in support of the reserves within the National Guard Bureau.

Subtitle C—Authorization of Appropriations

- Sec. 421. Military personnel.

TITLE V—MILITARY PERSONNEL POLICY

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- Sec. 501. Modification of deadline for submittal by officers of written communications to promotion selection boards on matters of importance to their selection.
- Sec. 502. Clarification to exception for removal of officers from list of officers recommended for promotion after 18 months without appointment.
- Sec. 503. Modification of requirement for specification of number of officers who may be recommended for early retirement by a Selective Early Retirement Board.
- Sec. 504. Extension of service-in-grade waiver authority for voluntary retirement of certain general and flag officers for purposes of enhanced flexibility in officer personnel management.
- Sec. 505. Inclusion of Principal Military Deputy to the Assistant Secretary of the Army for Acquisition, Technology, and Logistics among officers subject to repeal of statutory specification of general officer grade.
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- Sec. 4401. Military personnel.
- Sec. 4402. Military personnel for overseas contingency operations.

TITLE XLV—OTHER AUTHORIZATIONS

- Sec. 4501. Other authorizations.
- Sec. 4502. Other authorizations for overseas contingency operations.

TITLE XLVI—MILITARY CONSTRUCTION

- Sec. 4601. Military construction.
- Sec. 4602. Military construction for overseas contingency operations.

TITLE XLVII—DEPARTMENT OF ENERGY NATIONAL SECURITY  
PROGRAMS

- Sec. 4701. Department of Energy national security programs.

**1 SEC. 3. CONGRESSIONAL DEFENSE COMMITTEES.**

2 In this Act, the term “congressional defense commit-  
3 tees” has the meaning given that term in section  
4 101(a)(16) of title 10, United States Code.

**5 SEC. 4. BUDGETARY EFFECTS OF THIS ACT.**

6 The budgetary effects of this Act, for the purposes  
7 of complying with the Statutory Pay-As-You-Go Act of  
8 2010, shall be determined by reference to the latest state-  
9 ment titled “Budgetary Effects of PAYGO Legislation”  
10 for this Act, jointly submitted for printing in the Congres-  
11 sional Record by the Chairmen of the House and Senate  
12 Budget Committees, provided that such statement has

1 been submitted prior to the vote on passage in the House  
2 acting first on the conference report or amendment be-  
3 tween the Houses.

4 **DIVISION A—DEPARTMENT OF**  
5 **DEFENSE AUTHORIZATIONS**  
6 **TITLE I—PROCUREMENT**

Subtitle A—Authorization Of Appropriations

Sec. 101. Authorization of appropriations.

Subtitle B—Army Programs

Sec. 111. Authority to expedite procurement of 7.62mm rifles.

Sec. 112. Limitation on availability of funds for Increment 2 of the Warfighter Information Network-Tactical program.

Sec. 113. Limitation on availability of funds for upgrade of M113 vehicles.

Subtitle C—Navy Programs

Sec. 121. Aircraft carriers.

Sec. 122. Icebreaker vessel.

Sec. 123. Multiyear procurement authority for Arleigh Burke class destroyers.

Sec. 124. Multiyear procurement authority for Virginia class submarine program.

Sec. 125. Design and construction of the lead ship of the amphibious ship replacement designated LX(R) or amphibious transport dock designated LPD-30.

Sec. 126. Multiyear procurement authority for V-22 Osprey aircraft.

Sec. 127. Extension of limitation on use of sole-source shipbuilding contracts for certain vessels.

Sec. 128. Limitation on availability of funds for the enhanced multi-mission parachute system.

Sec. 129. Report on Navy capacity to increase production of certain rotary wing aircraft.

Subtitle D—Air Force Programs

Sec. 131. Inventory requirement for Air Force fighter aircraft.

Sec. 132. Prohibition on availability of funds for retirement of E-8 JSTARS aircraft.

Sec. 133. Requirement for continuation of JSTARS aircraft recapitalization program.

Sec. 134. Limitation on selection of single contractor for C-130H avionics modernization program increment 2.

Sec. 135. Limitation on availability of funds for EC-130H Compass Call recapitalization program.

Sec. 136. Limitation on retirement of U-2 and RQ-4 aircraft.

Sec. 137. Cost-benefit analysis of upgrades to MQ-9 Reaper aircraft.



- Sec. 138. Plan for modernization of the radar for F-16 fighter aircraft of the National Guard.
- Sec. 139. Comptroller General review of Air Force fielding plan for HH-60 replacement programs.

Subtitle E—Defense-wide, Joint, and Multiservice Matters

- Sec. 141. F-35 economic order quantity contracting authority.
- Sec. 142. Authority for explosive ordnance disposal units to acquire new or emerging technologies and capabilities.
- Sec. 143. Requirement that certain aircraft and unmanned aerial vehicles use specified standard data link.
- Sec. 144. Reinstatement of requirement to preserve certain C-5 aircraft; mobility capability and requirements study.

1           **Subtitle A—Authorization Of**  
2                           **Appropriations**

3   **SEC. 101. AUTHORIZATION OF APPROPRIATIONS.**

4           Funds are hereby authorized to be appropriated for  
5 fiscal year 2018 for procurement for the Army, the Navy  
6 and the Marine Corps, the Air Force, and Defense-wide  
7 activities, as specified in the funding table in section 4101.

8                           **Subtitle B—Army Programs**

9   **SEC. 111. AUTHORITY TO EXPEDITE PROCUREMENT OF**  
10                           **7.62MM RIFLES.**

11           (a) 7.62MM RIFLES.—

12                   (1) PROCUREMENT AUTHORITY.—The Sec-  
13 retary of the Army is authorized to expedite the pro-  
14 curement of a commercially available off-the-shelf  
15 item or nondevelopmental item for a 7.62mm rifle  
16 capability in accordance with this section.

17                   (2) LIMITATION.—The Secretary of the Army  
18 may use the authority under paragraph (1) to pro-  
19 cure only the following:

1 (A) Not more than 7,000 7.62mm rifles.

2 (B) Equipment and ammunition associated  
3 with such rifles.

4 (3) CONTRACTING PROCEDURES.—

5 (A) FULL AND OPEN COMPETITION.—In  
6 awarding contracts under paragraph (1), the  
7 Secretary of the Army shall use full and open  
8 competition to the extent practicable.

9 (B) PROCEDURES OTHER THAN FULL AND  
10 OPEN COMPETITION.—The Secretary of the  
11 Army may not award a contract under para-  
12 graph (1) using procedures other than full and  
13 open competition until a period of 10 days has  
14 elapsed following the date on which the Sec-  
15 retary submits to the congressional committees  
16 the report described in subparagraph (C).

17 (C) REPORT.—The report described in this  
18 subparagraph is a report of the Secretary of the  
19 Army that includes—

20 (i) a detailed justification for limiting  
21 full and open competition for the procure-  
22 ment authorized under paragraph (1);

23 (ii) a description of the objectives,  
24 costs, and timelines associated with the  
25 procurement; and

1 (iii) an assessment of the projected  
2 impact of the procurement on any related  
3 programs in terms of cost, schedule, and  
4 the use of full and open competition in  
5 such programs.

6 (b) RELATED PROGRAMS.—

7 (1) IN GENERAL.—The Secretary of the Army  
8 is authorized to use funds made available to carry  
9 out subsection (a)—

10 (A) to accelerate by two years the squad  
11 designated marksman rifle program of the  
12 Army;

13 (B) to accelerate by two years the ad-  
14 vanced armor piercing ammunition program of  
15 the Army; and

16 (C) subject to paragraph (2), to accelerate  
17 the next generation squad weapon program of  
18 the Army.

19 (2) FULL AND OPEN COMPETITION.—Any con-  
20 tract awarded under the next generation squad  
21 weapon program of the Army shall be awarded using  
22 full and open competition.

23 (c) DEFINITIONS.—In this section, the terms “com-  
24 mercially available off-the-shelf item”, “full and open com-  
25 petition”, and “nondevelopmental item” have the mean-

1 ings given the terms in chapter 1 of title 41, United States  
2 Code.

3 **SEC. 112. LIMITATION ON AVAILABILITY OF FUNDS FOR IN-**  
4 **CREMENT 2 OF THE WARFIGHTER INFORMA-**  
5 **TION NETWORK-TACTICAL PROGRAM.**

6 (a) LIMITATION.—Of the funds authorized to be ap-  
7 propriated by this Act or otherwise made available for the  
8 Department of Defense for fiscal year 2018 for Increment  
9 2 of the Warfighter Information Network-Tactical pro-  
10 gram of the Army (referred to in this section as “WIN-  
11 T Increment 2”) not more than 50 percent may be used  
12 to enter into, or to prepare to enter into, a contract for  
13 the procurement of equipment under the program until  
14 the date on which the Secretary of the Army submits the  
15 report under subsection (b).

16 (b) REPORT.—Not later than January 31, 2018, the  
17 Secretary of the Army, in consultation with the Chief of  
18 Staff of the Army, shall submit to the congressional de-  
19 fense committees a report on the strategy of the Army  
20 for modernizing air-land ad-hoc, mobile tactical commu-  
21 nications and data networks.

22 (c) ELEMENTS.—The report under subsection (b)  
23 shall include the following:

1           (1) A description of the strategy of the Army  
2 for modernizing air-land ad-hoc, mobile tactical com-  
3 munications and data networks.

4           (2) The justification, rationale, and decision  
5 points for the strategy, including how network re-  
6 quirements are being redefined.

7           (3) How the Army intends to implement the  
8 recommendations accepted by the Secretary of the  
9 Army related to air-land ad-hoc, mobile tactical com-  
10 munications and data networks provided by the Di-  
11 rector of Cost Assessment and Program Evaluation  
12 pursuant to section 237 of the National Defense Au-  
13 thorization Act for Fiscal Year 2016 (Public Law  
14 114–92; 129 Stat. 781).

15           (4) How the Army will address the  
16 vulnerabilities identified by the report of the Direc-  
17 tor of Cost Assessment and Program Evaluation on  
18 the mobile, ad-hoc network against a modern peer  
19 adversary capable of cyber and electronic warfare  
20 detection and intrusion.

21           (5) A timeline and decision points for upgrad-  
22 ing fielded WIN-T Increment 1B systems.

23           (6) A list of planned upgrades for components  
24 of WIN-T Increment 2 designed to improve program  
25 capabilities, including size, weight, and complexity,

1 including the impact of these improvements on the  
2 cost of the program, as well as fielding schedules for  
3 Army Brigade Combat Teams.

4 (7) How the strategy will reduce Army reliance  
5 on satellite communications, including procurement  
6 and test strategies for more resilient and secure  
7 mid-tier line of sight capability.

8 (8) How the strategy will address identified  
9 joint interoperability capability gaps, specifically for  
10 units known as “fight tonight” units, including pro-  
11 curement and test plans for identified solutions.

12 (9) Decision points associated with the near  
13 term modernization strategy for mitigating oper-  
14 ational capability gaps for such “fight tonight”  
15 units.

16 (10) The decision points and timelines associ-  
17 ated with the fielding of modernized mobile tactical  
18 network communications to the reserve components  
19 of the Army.

20 (11) The planned funding and program realign-  
21 ments required for fiscal year 2018 and across the  
22 future years defense program that will be required  
23 to support the new strategy.

24 (12) Identification of the changes in acquisition  
25 policy as well as operational requirements being im-

1       plemented to deliver an effective, suitable, and sur-  
2       vivable network to the warfighter.

3           (13) Identification of the changes in leadership  
4       and governance that will be associated with the new  
5       strategy.

6       (d) FORM OF REPORT.—The report required by sec-  
7       tion (b) shall be submitted in unclassified form, but may  
8       include a classified annex.

9       **SEC. 113. LIMITATION ON AVAILABILITY OF FUNDS FOR UP-**  
10       **GRADE OF M113 VEHICLES.**

11       (a) LIMITATION.—Of the funds authorized to be ap-  
12       propriated by this Act or otherwise made available for fis-  
13       cal year 2018 for the upgrade of M113 vehicles of the  
14       Army, not more than 50 percent may be obligated or ex-  
15       pended until the date on which Secretary of the Army sub-  
16       mits to the congressional defense committees the report  
17       described in subsection (b).

18       (b) REPORT.—The report described in this subsection  
19       is a report setting forth the strategy of the Army for the  
20       upgrade of M113 vehicles that includes the following:

21           (1) A detailed strategy for upgrading and field-  
22       ing M113 vehicles.

23           (2) An analysis of the manner in which the  
24       Army plans to address M113 vehicle survivability  
25       and maneuverability concerns.

1           (3) An analysis of the historical costs associated  
2 with upgrading M113 vehicles, and a validation of  
3 current cost estimates for upgrading such vehicles.

4           (4) A comparison of—

5                 (A) the total procurement and life cycle  
6 costs of adding an echelon above brigade re-  
7 quirement to the Army Multi-Purpose Vehicle;  
8 and

9                 (B) the total procurement and life cycle  
10 costs of upgrading legacy M113 vehicles.

11           (5) An analysis of the possibility of further ac-  
12 celerating Army Multi-Purpose Vehicle production or  
13 modifying the fielding strategy for the Army Multi-  
14 Purpose Vehicle to meet near-term echelon above  
15 brigade requirements.

## 16           **Subtitle C—Navy Programs**

### 17   **SEC. 121. AIRCRAFT CARRIERS.**

18           (a) MODIFICATION OF COST LIMITATION BASELINE  
19 FOR CVN-78 CLASS AIRCRAFT CARRIER PROGRAM.—  
20 Section 122 of the John Warner National Defense Author-  
21 ization Act for Fiscal Year 2007 (Public Law 109-364;  
22 120 Stat. 2105), as most recently amended by section 122  
23 of the National Defense Authorization Act for Fiscal Year  
24 2016 (Public Law 114-92; 129 Stat. 749), is amended—



1           (1) in subsection (a), by striking paragraph (2)  
2           and inserting the following:

3           “(2) CARRIER DESIGNATED AS CVN-79.—The  
4           total amount obligated from funds appropriated or  
5           otherwise made available for Shipbuilding and Con-  
6           version, Navy, or for any other procurement ac-  
7           count, for the aircraft carrier designated as CVN-  
8           79 may not exceed \$11,398,000,000 (as adjusted  
9           pursuant to subsection (b)).

10           “(3) FOLLOW-ON SHIPS.—The total amount ob-  
11           ligated from funds appropriated or otherwise made  
12           available for Shipbuilding and Conversion, Navy, or  
13           for any other procurement account, for any ship that  
14           is constructed in the CVN-78 class of aircraft car-  
15           riers after the aircraft carrier designated as CVN-  
16           79 may not exceed \$12,568,000,000 (as adjusted  
17           pursuant to subsection (b)).”;

18           (2) in subsection (b), by amending paragraph  
19           (1) to read as follows:

20           “(1) The amounts of increases or decreases in  
21           costs attributable to economic inflation—

22           “(A) after September 30, 2013, in the case  
23           of the aircraft carrier designated as CVN-79;  
24           and

1           “(B) after September 30, 2017, in the case  
2           of any ship that is constructed in the CVN-78  
3           class of aircraft carriers after the aircraft car-  
4           rier designated as CVN-79.”; and

5           (3) by adding at the end the following:

6           “(g) EXCLUSION OF BATTLE AND INTERIM SPARES  
7 FROM COST LIMITATION.—The Secretary of the Navy  
8 shall exclude from the determination of the amounts set  
9 forth in paragraphs (2) and (3) of subsection (a), the costs  
10 of the following items:

11           “(1) CVN-78 class battle spares.

12           “(2) Interim spares.”.

13           (b) WAIVER ON LIMITATION OF AVAILABILITY OF  
14 FUNDS FOR CVN-79.—The Secretary of Defense may  
15 waive subsections (a) and (b) of section 128 of the Na-  
16 tional Defense Authorization Act for Fiscal Year 2016  
17 (Public Law 114-92; 129 Stat. 751) after a period of 60  
18 days has elapsed following the date on which the Secretary  
19 submits to the congressional defense committees a written  
20 notification of the intent of the Secretary to issue such  
21 a waiver. The Secretary shall include in any such notifica-  
22 tion the following:

23           (1) The rationale of the Secretary for issuing  
24           the waiver.

1           (2) The revised test and evaluation master plan  
2 that describes when full ship shock trials will be held  
3 on Ford-class aircraft carriers.

4           (3) A certification that the Secretary has ana-  
5 lyzed and accepted the operational risk of the U.S.S.  
6 Gerald R. Ford deploying without having conducted  
7 full ship shock trials, and that the Secretary has not  
8 delegated the decision to issue such waiver.

9 **SEC. 122. ICEBREAKER VESSEL.**

10       (a) **AUTHORITY TO PROCURE ONE POLAR-CLASS**  
11 **HEAVY ICEBREAKER.—**

12           (1) **IN GENERAL.—**There is authorized to be  
13 procured for the Coast Guard one polar-class heavy  
14 icebreaker vessel.

15           (2) **CONDITION FOR OUT-YEAR CONTRACT PAY-**  
16 **MENTS.—**A contract entered into under paragraph  
17 (1) shall provide that any obligation of the United  
18 States to make a payment under the contract for a  
19 fiscal year after fiscal year 2018 is subject to the  
20 availability of appropriations or funds for that pur-  
21 pose for such later fiscal year.

22       (b) **LIMITATION ON AVAILABILITY OF FUNDS FOR**  
23 **PROCUREMENT OF ICEBREAKER VESSELS.—**None of the  
24 funds authorized to be appropriated by this Act or other-  
25 wise made available for the Department of Defense for

1 any fiscal year that are unobligated as of the date of the  
2 enactment of this Act may be obligated or expended for  
3 the procurement of an icebreaker vessel other than the one  
4 polar-class heavy icebreaker vessel authorized to be pro-  
5 cured under subsection (a)(1).

6 (c) CONTRACTING AUTHORITY.—

7 (1) COAST GUARD.—If funds are appropriated  
8 to the department in which the Coast Guard is oper-  
9 ating to carry out subsection (a)(1), the head of con-  
10 tracting activity for the Coast Guard shall be re-  
11 sponsible for contracting actions carried out using  
12 such funds.

13 (2) NAVY.—If funds are appropriated to the  
14 Department of Defense to carry out subsection  
15 (a)(1), the head of contracting activity for the Navy,  
16 Naval Sea Systems Command shall be responsible  
17 for contracting actions carried out using such funds.

18 (3) INTERAGENCY ACQUISITION.—Notwith-  
19 standing paragraphs (1) and (2), the head of con-  
20 tracting activity for the Coast Guard or head of con-  
21 tracting activity for the Navy, Naval Sea Systems  
22 Command (as the case may be) may authorize inter-  
23 agency acquisitions that are within the authority of  
24 such head of contracting activity.

25 (d) COMPTROLLER GENERAL REPORT.—

1           (1) IN GENERAL.—Not later than March 1,  
2           2018, the Comptroller General of the United States  
3           shall submit to the congressional defense commit-  
4           tees, the Committee on Commerce, Science, and  
5           Transportation of the Senate, and the Committee on  
6           Transportation and Infrastructure of the House of  
7           Representatives a report assessing the cost of, and  
8           schedule for, the procurement of new icebreaker ves-  
9           sels for the Federal Government.

10           (2) ELEMENTS.—The report under paragraph  
11           (1) shall include an analysis of the following:

12                   (A) The status of the efforts of the Coast  
13                   Guard to acquire new icebreaking capability, in-  
14                   cluding an explanation of how such efforts are  
15                   coordinated through the integrated program of-  
16                   fice.

17                   (B) Actions taken by the Coast Guard to  
18                   incorporate key practices of other countries  
19                   with respect to the procurement of icebreaker  
20                   vessels to increase the Coast Guard's knowledge  
21                   of, and to reduce the costs and risks of, pro-  
22                   curing such vessels.

23                   (C) The extent to which the cost and  
24                   schedule for the construction of Coast Guard

1 icebreakers differs from such cost and schedule  
2 in other countries.

3 (D) The extent to which innovative acquisi-  
4 tion practices (such as multiyear funding and  
5 block buys) may be applied to the procurement  
6 of icebreaker vessels to reduce the costs and ac-  
7 celerate the schedule of such procurement.

8 (E) A capacity replacement plan to miti-  
9 gate a potential icebreaker capability gap if the  
10 Polar Star cannot remain in service.

11 (F) Any other matters the Comptroller  
12 General considers appropriate.

13 **SEC. 123. MULTIYEAR PROCUREMENT AUTHORITY FOR**  
14 **ARLEIGH BURKE CLASS DESTROYERS.**

15 (a) AUTHORITY FOR MULTIYEAR PROCUREMENT.—  
16 Subject to section 2306b of title 10, United States Code,  
17 the Secretary of the Navy may enter into one or more  
18 multiyear contracts for the procurement of up to 15  
19 Arleigh Burke class Flight III guided missile destroyers.

20 (b) AUTHORITY FOR ADVANCE PROCUREMENT.—The  
21 Secretary of the Navy may enter into one or more con-  
22 tracts, beginning in fiscal year 2018, for advance procure-  
23 ment associated with the destroyers for which authoriza-  
24 tion to enter into a multiyear procurement contract is pro-  
25 vided under subsection (a), and for systems and sub-

1 systems associated with such destroyers in economic order  
2 quantities when cost savings are achievable.

3 (c) **CONDITION FOR OUT-YEAR CONTRACT PAY-**  
4 **MENTS.**—A contract entered into under subsection (a)  
5 shall provide that any obligation of the United States to  
6 make a payment under the contract for a fiscal year after  
7 fiscal year 2018 is subject to the availability of appropria-  
8 tions or funds for that purpose for such later fiscal year.

9 (d) **LIMITATION.**—The Secretary of the Navy may  
10 not modify a contract entered into under subsection (a)  
11 if the modification would increase the target price of the  
12 destroyer by more than 10 percent above the target price  
13 specified in the original contract awarded for the destroyer  
14 under subsection (a).

15 **SEC. 124. MULTIYEAR PROCUREMENT AUTHORITY FOR VIR-**  
16 **GINIA CLASS SUBMARINE PROGRAM.**

17 (a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—  
18 Subject to section 2306b of title 10, United States Code,  
19 the Secretary of the Navy may enter into one or more  
20 multiyear contracts for the procurement of not more than  
21 13 Virginia class submarines.

22 (b) **LIMITATION.**—The Secretary of the Navy may  
23 not modify a contract entered into under subsection (a)  
24 if the modification would increase the target price of the  
25 submarine by more than 10 percent above the target price

1 specified in the original contract awarded for the sub-  
2 marine under subsection (a).

3 (c) **AUTHORITY FOR ADVANCE PROCUREMENT.**—The  
4 Secretary of the Navy may enter into one or more con-  
5 tracts, beginning in fiscal year 2018, for advance procure-  
6 ment associated with the Virginia class submarines for  
7 which authorization to enter into a multiyear procurement  
8 contract is provided under subsection (a) and for equip-  
9 ment or subsystems associated with the Virginia class sub-  
10 marine program, including procurement of—

11 (1) long lead time material; or

12 (2) material or equipment in economic order  
13 quantities when cost savings are achievable.

14 (d) **CONDITION FOR OUT-YEAR CONTRACT PAY-**  
15 **MENTS.**—A contract entered into under subsection (a)  
16 shall provide that any obligation of the United States to  
17 make a payment under the contract for a fiscal year after  
18 fiscal year 2019 is subject to the availability of appropria-  
19 tions or funds for that purpose for such later fiscal year.

20 (e) **LIMITATION ON TERMINATION LIABILITY.**—A  
21 contract for the construction of Virginia class submarines  
22 entered into under subsection (a) shall include a clause  
23 that limits the liability of the United States to the con-  
24 tractor for any termination of the contract. The maximum  
25 liability of the United States under the clause shall be the



1 amount appropriated for the submarines covered by the  
2 contract regardless of the amount obligated under the con-  
3 tract.

4 (f) VIRGINIA CLASS SUBMARINE DEFINED.—The  
5 term “Virginia class submarine” means a block V config-  
6 ured Virginia class submarine.

7 **SEC. 125. DESIGN AND CONSTRUCTION OF THE LEAD SHIP**  
8 **OF THE AMPHIBIOUS SHIP REPLACEMENT**  
9 **DESIGNATED LX(R) OR AMPHIBIOUS TRANS-**  
10 **PORT DOCK DESIGNATED LPD-30.**

11 (a) IN GENERAL.—Using funds authorized to be ap-  
12 propriated for the Department of Defense for Shipbuilding  
13 and Conversion, Navy, the Secretary of the Navy may  
14 enter into a contract, beginning with the fiscal year 2018  
15 program year, for the design and construction of—

16 (1) the lead ship of the amphibious ship re-  
17 placement class designated LX(R); or

18 (2) the amphibious transport dock designated  
19 LPD-30.

20 (b) USE OF INCREMENTAL FUNDING.—With respect  
21 to the contract entered into under subsection (a), the Sec-  
22 retary may use incremental funding to make payments  
23 under the contract.

24 (c) CONDITION FOR OUT-YEAR CONTRACT PAY-  
25 MENTS.—The contract entered into under subsection (a)

1 shall provide that any obligation of the United States to  
2 make a payment under such contract for any fiscal year  
3 after fiscal year 2018 is subject to the availability of ap-  
4 propriations for that purpose for such later fiscal year.

5 **SEC. 126. MULTIYEAR PROCUREMENT AUTHORITY FOR V-22**  
6 **OSPREY AIRCRAFT.**

7 (a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—  
8 Subject to section 2306b of title 10, United States Code  
9 (except as provided in subsection (b)), the Secretary of  
10 the Navy may enter into one or more multiyear contracts,  
11 beginning with the 2018 program year, for the procure-  
12 ment of the following:

13 (1) V-22 Osprey aircraft.

14 (2) Common configuration-readiness and mod-  
15 ernization upgrades for V-22 Osprey aircraft.

16 (b) **CONTRACT PERIOD.**—Notwithstanding section  
17 2306b(k) of title 10, United States Code, the period cov-  
18 ered by a contract entered into on a multiyear basis under  
19 the authority of subsection (a) may exceed five years, but  
20 may not exceed seven years.

21 (c) **CONDITION FOR OUT-YEAR CONTRACT PAY-**  
22 **MENTS.**—A contract entered into under subsection (a)  
23 shall provide that any obligation of the United States to  
24 make a payment under the contract for a fiscal year after

1 fiscal year 2018 is subject to the availability of appropria-  
2 tions or funds for that purpose for such later fiscal year.

3 **SEC. 127. EXTENSION OF LIMITATION ON USE OF SOLE-**  
4 **SOURCE SHIPBUILDING CONTRACTS FOR**  
5 **CERTAIN VESSELS.**

6 Section 124 of the National Defense Authorization  
7 Act for Fiscal Year 2017 (Public Law 114–328) is amend-  
8 ed by striking “2017” and inserting “2017 or fiscal year  
9 2018”.

10 **SEC. 128. LIMITATION ON AVAILABILITY OF FUNDS FOR**  
11 **THE ENHANCED MULTI-MISSION PARACHUTE**  
12 **SYSTEM.**

13 (a) LIMITATION.—Of the funds authorized to be ap-  
14 propriated by this Act or otherwise made available for the  
15 Department of Defense for fiscal year 2018 for the en-  
16 hanced multi-mission parachute system, not more than 80  
17 percent may be used to enter into, or to prepare to enter  
18 into, a contract for the procurement of such parachute  
19 system until the date on which the Secretary of the Navy  
20 submits to the congressional defense committees the cer-  
21 tification under subsection (b) and the report under sub-  
22 section (c).

23 (b) CERTIFICATION.—Not later than 90 days after  
24 the date of the enactment of this Act, the Secretary of

1 the Navy shall submit to the congressional defense com-  
2 mittees a certification that states—

3 (1) whether the multi-mission parachute system  
4 fielded by the Marine Corps meets Marine Corps re-  
5 quirements;

6 (2) whether the RA-1 parachute system of the  
7 Army meets Marine Corps requirements;

8 (3) whether the PARIS, Special Application  
9 Parachute of the Marine Corps meets Marine Corps  
10 requirements;

11 (4) whether the testing plan for the enhanced  
12 multi-mission parachute system meets all applicable  
13 regulatory requirements; and

14 (5) whether the Department of the Navy has  
15 determined that a high glide canopy parachute sys-  
16 tem is as safe and effective as the fielded free fall  
17 parachute systems.

18 (c) REPORT.—Not later than 90 days after the date  
19 of the enactment of this Act, the Secretary of the Navy  
20 shall submit to the congressional defense committees a re-  
21 port that includes—

22 (1) an explanation for using the Parachute In-  
23 dustry Association specification for a military para-  
24 chute given that sports parachutes are deployed

1 from relatively slow flying civilian aircraft at alti-  
2 tudes below 10,000 feet;

3 (2) a cost estimate for any new equipment and  
4 training that the Marine Corps will require in order  
5 to use a high glide parachute;

6 (3) justification for why the Department of the  
7 Navy is not conducting any testing of parachutes  
8 until first article testing; and

9 (4) an assessment of the risks associated with  
10 high glide canopy parachutes with a focus on how  
11 the Department of the Navy will mitigate the risk of  
12 malfunctions experienced in other high glide canopy  
13 parachute programs.

14 **SEC. 129. REPORT ON NAVY CAPACITY TO INCREASE PRO-**  
15 **DUCTION OF CERTAIN ROTARY WING AIR-**  
16 **CRAFT.**

17 (a) REPORT.—Not later than March 30, 2018, the  
18 Secretary of the Navy shall submit to the congressional  
19 defense committees a report that describes and assesses  
20 the capacity of the Navy to increase production of the air-  
21 craft described in subsection (b), taking into account an  
22 increase in the size of the surface fleet of the Navy to  
23 355 ships.

24 (b) AIRCRAFT DESCRIBED.—The aircraft described  
25 in this subsection are the following:

1           (1) Anti-submarine warfare rotary wing air-  
2           craft.

3           (2) Search and rescue rotary wing aircraft.

## 4           **Subtitle D—Air Force Programs**

### 5           **SEC. 131. INVENTORY REQUIREMENT FOR AIR FORCE** 6           **FIGHTER AIRCRAFT.**

7           (a) INVENTORY REQUIREMENT.—Section 8062 of  
8           title 10, United States Code, is amended by adding at the  
9           end the following new subsection:

10          “(i)(1) During the period beginning on October 1,  
11          2017, and ending on October 1, 2022, the Secretary of  
12          the Air Force shall maintain a total aircraft inventory of  
13          fighter aircraft of not less than 1,970 aircraft, and a total  
14          primary mission aircraft inventory (combat-coded) of not  
15          less than 1,145 fighter aircraft.

16          “(2) In this subsection:

17                 “(A) The term ‘fighter aircraft’ means an air-  
18                 craft that—

19                         “(i) is designated by a mission design se-  
20                         ries prefix of F– or A–;

21                         “(ii) is manned by one or two crew-  
22                         members; and

23                         “(iii) executes single-role or multi-role mis-  
24                         sions, including air-to-air combat, air-to-ground  
25                         attack, air interdiction, suppression or destruc-

1           tion of enemy air defenses, close air support,  
2           strike control and reconnaissance, combat  
3           search and rescue support, or airborne forward  
4           air control.

5           “(B) The term ‘primary mission aircraft inven-  
6           tory’ means aircraft assigned to meet the primary  
7           aircraft authorization to a unit for the performance  
8           of its wartime mission.”.

9           (b) LIMITATION ON RETIREMENT OF AIR FORCE  
10          FIGHTER AIRCRAFT.—

11           (1) LIMITATION.—Except as provided in sub-  
12           section (c), during the period beginning on October  
13           1, 2017, and ending on October 1, 2022, the Sec-  
14           retary of the Air Force may not proceed with a deci-  
15           sion to retire fighter aircraft in any number that  
16           would reduce the total number of such aircraft in  
17           the Air Force total active inventory below 1,970, and  
18           shall maintain a minimum of 1,145 fighter aircraft  
19           designated as primary mission aircraft inventory.

20           (2) ADDITIONAL LIMITATIONS ON RETIREMENT  
21           OF FIGHTER AIRCRAFT.—Except as provided in sub-  
22           section (c), during the period beginning on October  
23           1, 2017, and ending on October 1, 2022, the Sec-  
24           retary of the Air Force may not retire fighter air-  
25           craft from the total active inventory as of the date

1 of the enactment of this Act until the later of the  
2 following:

3 (A) The date that is 30 days after the date  
4 on which the Secretary submits the report re-  
5 quired under paragraph (3).

6 (B) The date that is 30 days after the date  
7 on which the Secretary certifies to the congress-  
8 sional defense committees that—

9 (i) the retirement of such fighter air-  
10 craft will not increase the operational risk  
11 of meeting the National Defense Strategy;  
12 and

13 (ii) the retirement of such aircraft will  
14 not reduce the total fighter force structure  
15 below 1,970 fighter aircraft or the primary  
16 mission aircraft inventory below 1,145.

17 (3) REPORT ON RETIREMENT OF AIRCRAFT.—  
18 The Secretary of the Air Force shall submit to the  
19 congressional defense committees a report setting  
20 forth the following:

21 (A) The rationale for the retirement of ex-  
22 isting fighter aircraft and an operational anal-  
23 ysis of the portfolio of capabilities of the Air  
24 Force that demonstrates performance of the



1 designated mission at an equal or greater level  
2 of effectiveness as the retiring aircraft.

3 (B) An assessment of the implications for  
4 the Air Force, the Air National Guard, and the  
5 Air Force Reserve of the force mix ratio of  
6 fighter aircraft.

7 (C) Such other matters relating to the re-  
8 tirement of fighter aircraft as the Secretary  
9 considers appropriate.

10 (c) EXCEPTION FOR CERTAIN AIRCRAFT.—The re-  
11 quirement of subsection (b) does not apply to individual  
12 fighter aircraft that the Secretary of the Air Force deter-  
13 mines, on a case-by-case basis, to be non-operational be-  
14 cause of mishaps, other damage, or being uneconomical  
15 to repair.

16 (d) FIGHTER AIRCRAFT DEFINED.—In this section,  
17 the term “fighter aircraft” has the meaning given the  
18 term in subsection (i)(2)(A) of section 8062 of title 10,  
19 United States Code, as added by subsection (a) of this  
20 section.

21 **SEC. 132. PROHIBITION ON AVAILABILITY OF FUNDS FOR**  
22 **RETIREMENT OF E-8 JSTARS AIRCRAFT.**

23 (a) PROHIBITION ON AVAILABILITY OF FUNDS FOR  
24 RETIREMENT.—Except as provided by subsection (b),  
25 none of the funds authorized to be appropriated by this

1 Act or otherwise made available for fiscal year 2018 for  
2 the Air Force may be obligated or expended to retire, or  
3 prepare to retire, any E-8 Joint Surveillance Target At-  
4 tack Radar System aircraft.

5 (b) EXCEPTION.—The prohibition in subsection (a)  
6 shall not apply to individual E-8 Joint Surveillance Tar-  
7 get Attack Radar System aircraft that the Secretary of  
8 the Air Force determines, on a case-by-case basis, to be  
9 non-operational because of mishaps, other damage, or  
10 being uneconomical to repair.

11 **SEC. 133. REQUIREMENT FOR CONTINUATION OF JSTARS**  
12 **AIRCRAFT RECAPITALIZATION PROGRAM.**

13 (a) IN GENERAL.—If the budget request submitted  
14 to Congress for any fiscal year includes a request by the  
15 Secretary of the Air Force to cancel or modify the  
16 JSTARS aircraft recapitalization program, the Secretary  
17 of Defense shall submit, as part of such budget request,  
18 the report described in subsection (b).

19 (b) REPORT.—The report described in this sub-  
20 section, is a report that includes the following:

21 (1) The assumptions, rationale, and all analysis  
22 supporting the proposed cancellation or modification  
23 of the JSTARS aircraft recapitalization program.

24 (2) An assessment of the implications of such  
25 cancellation or modification for meeting the mission

1 requirements for air battle management and moving  
2 target indicator intelligence discipline of the Air  
3 Force, the Air National Guard, the Army, the Army  
4 National Guard, the Navy and Marine Corps, and  
5 the combatant commands.

6 (3) A certification that the plan for the can-  
7 cellation or modification of the recapitalization pro-  
8 gram would not result in an increased time during  
9 which there is a capability or capacity gap in pro-  
10 viding battlefield management, command and control  
11 and intelligence, surveillance, and reconnaissance ca-  
12 pabilities to the combatant commanders.

13 (4) Such other matters relating to the proposed  
14 cancellation or modification as the Secretary con-  
15 siders appropriate.

16 (c) FORM OF REPORT.—The report under subsection  
17 (b) shall be submitted in unclassified form, but may in-  
18 clude a classified annex.

19 (d) DEFINITIONS.—In this section:

20 (1) The term “budget request” means the  
21 budget materials submitted by the Secretary of De-  
22 fense in support of the budget of the President for  
23 a fiscal year (submitted to Congress pursuant to sec-  
24 tion 1105 of title 31, United States Code).

1           (2) The term “JSTARS aircraft recapitaliza-  
2           tion program” means the recapitalization program  
3           for the E-8C Joint Surveillance Target Attack  
4           Radar System aircraft as such program is proposed  
5           to be carried out in the budget request submitted to  
6           Congress for fiscal year 2018.

7 **SEC. 134. LIMITATION ON SELECTION OF SINGLE CON-**  
8                                   **TRACTOR FOR C-130H AVIONICS MODERNIZA-**  
9                                   **TION PROGRAM INCREMENT 2.**

10           (a) **LIMITATION.**—The Secretary of the Air Force  
11           may not select only a single prime contractor to carry out  
12           increment 2 of the C-130H avionics modernization pro-  
13           gram until the Secretary submits to the congressional de-  
14           fense committees a written certification that, in selecting  
15           such a single prime contractor—

16                   (1) the Secretary will ensure, to the extent  
17                   practicable, that commercially available off-the-shelf  
18                   items are used under the program, including tech-  
19                   nology solutions and nondevelopmental items; and

20                   (2) excessively restrictive military specification  
21                   standards will not be used to restrict or eliminate  
22                   full and open competition in the selection process.

23           (b) **DEFINITIONS.**—In this section, the terms “com-  
24           mercially available off-the-shelf item”, “full and open com-  
25           petition”, and “nondevelopmental item” have the mean-

1 ings given the terms in chapter 1 of title 41, United States  
2 Code.

3 **SEC. 135. LIMITATION ON AVAILABILITY OF FUNDS FOR EC-**  
4 **130H COMPASS CALL RECAPITALIZATION**  
5 **PROGRAM.**

6 (a) LIMITATION.—None of the funds authorized to  
7 be appropriated by this Act or otherwise made available  
8 for any fiscal year for the EC–130H Compass Call recapiti-  
9 talization program of the Air Force may be obligated until  
10 a period of 30 days has elapsed following the date on  
11 which the Under Secretary of Defense for Acquisition,  
12 Technology, and Logistics submits to the congressional de-  
13 fense committees the certification described in subsection  
14 (b).

15 (b) CERTIFICATION.—The certification described in  
16 this subsection is a written statement certifying that—

17 (1) an independent review of the acquisition  
18 process for the EC–130H Compass Call recapitaliza-  
19 tion program of the Air Force has been conducted;  
20 and

21 (2) as a result of such review, it has been deter-  
22 mined that the acquisition process for such program  
23 complies with all applicable laws, guidelines, and  
24 best practices.

1 **SEC. 136. LIMITATION ON RETIREMENT OF U-2 AND RQ-4**  
2 **AIRCRAFT.**

3 (a) LIMITATION.—The Secretary of the Air Force  
4 may take no action that would prevent the Air Force from  
5 maintaining the fleets of U-2 aircraft or RQ-4 aircraft  
6 in their current, or improved, configurations and capabili-  
7 ties until—

8 (1) the Under Secretary of Defense for Acquisi-  
9 tion, Technology, and Logistics certifies in writing to  
10 the appropriate committees of Congress that—

11 (A) in the case of the RQ-4 aircraft, the  
12 validated operating and sustainment costs of  
13 the capability developed to replace the RQ-4  
14 aircraft are less than the validated operating  
15 and sustainment costs for the RQ-4 aircraft on  
16 a comparable flight-hour cost basis; or

17 (B) in the case of the U-2 aircraft, the  
18 validated operating and sustainment costs of  
19 the capability developed to replace the U-2 air-  
20 craft are less than the validated operating and  
21 sustainment costs for the U-2 aircraft on a  
22 comparable flight-hour cost basis; and

23 (2) the Chairman of the Joint Requirements  
24 Oversight Council certifies in writing to the appro-  
25 priate committees of Congress that the capability to  
26 be fielded at the same time or before the retirement

1 of the U-2 aircraft or RQ-4 aircraft (as the case  
2 may be) would result in equal or greater capability  
3 available to the commanders of the combatant com-  
4 mands and would not result in less capacity avail-  
5 able to the commanders of the combatant com-  
6 mands.

7 (b) WAIVER.—The Secretary of Defense may waive  
8 the certification requirement under subsection (a)(1) with  
9 respect to U-2 aircraft or RQ-4 aircraft if the Sec-  
10 retary—

11 (1) determines, after analyzing sufficient and  
12 relevant data, that a greater capability is worth in-  
13 creased operating and sustainment costs; and

14 (2) provides to the appropriate committees of  
15 Congress a certification of such determination and  
16 supporting analysis.

17 (c) APPROPRIATE COMMITTEES OF CONGRESS DE-  
18 FINED.—In this section, the term “appropriate commit-  
19 tees of Congress” means—

20 (1) the Committee on Armed Services, the  
21 Committee on Appropriations, and the Select Com-  
22 mittee on Intelligence of the Senate; and

23 (2) the Committee on Armed Services, the  
24 Committee on Appropriations, and the Permanent

1 Select Committee on Intelligence of the House of  
2 Representatives.

3 (d) REPEAL.—Section 133 of the National Defense  
4 Authorization Act for Fiscal Year 2012 (Public Law 112–  
5 81; 125 Stat. 1321) is repealed.

6 **SEC. 137. COST-BENEFIT ANALYSIS OF UPGRADES TO MQ-9**  
7 **REAPER AIRCRAFT.**

8 (a) IN GENERAL.—The Secretary of Defense, in con-  
9 sultation with the Secretary of the Air Force, shall con-  
10 duct an analysis that compares the costs and benefits of  
11 the following:

12 (1) Upgrading fielded MQ-9 Reaper aircraft to  
13 a Block 5 configuration.

14 (2) Proceeding with the procurement of MQ-9B  
15 aircraft instead of upgrading fielded MQ-9 Reaper  
16 aircraft to a Block 5 configuration.

17 (b) REPORT REQUIRED.—

18 (1) IN GENERAL.—Not later than 180 days  
19 after the date of the enactment of this Act, the Sec-  
20 retary of Defense shall submit to the congressional  
21 defense committees a report that includes the results  
22 of the cost-benefit analysis conducted under sub-  
23 section (a).



1           (2) FORM OF REPORT.—The report required by  
2           paragraph (1) shall be submitted in unclassified  
3           form, but may include a classified annex.

4   **SEC. 138. PLAN FOR MODERNIZATION OF THE RADAR FOR**  
5                           **F-16 FIGHTER AIRCRAFT OF THE NATIONAL**  
6                           **GUARD.**

7           (a) MODERNIZATION PLAN REQUIRED.—The Sec-  
8           retary of the Air Force shall develop a plan to modernize  
9           the radars of F-16 fighter aircraft of the National Guard  
10          by replacing legacy mechanically-scanned radars for such  
11          aircraft with active electronically scanned array radars.

12          (b) REPORT.—Not later 180 days after the date of  
13          the enactment of this Act, the Secretary of the Air Force  
14          shall submit to the congressional defense committees the  
15          plan developed under subsection (a).

16   **SEC. 139. COMPTROLLER GENERAL REVIEW OF AIR FORCE**  
17                           **FIELDING PLAN FOR HH-60 REPLACEMENT**  
18                           **PROGRAMS.**

19          (a) COMPTROLLER GENERAL REVIEW.—The Comp-  
20          troller General of the United States shall conduct a review  
21          of the Air Force fielding plan for the HH-60 replacement  
22          programs.

23          (b) ELEMENTS.—The review conducted under sub-  
24          section (a) shall include, with respect to the HH-60 re-  
25          placement programs, the following:

1           (1) A description of the recommendations of the  
2           National Commission on the Structure of the Air  
3           Force regarding the use of concurrent and propor-  
4           tional fielding and how the Air Force applied the  
5           recommendations in the fielding plan for the HH-  
6           60G replacement programs.

7           (2) An evaluation of the fielding plan, including  
8           an assessment of the Air Force rationale for the  
9           plan, as well as the alternative fielding plans consid-  
10          ered by the Air Force.

11          (3) An evaluation of the potential readiness im-  
12          pact of the fielding plan on active duty, National  
13          Guard, and Reserve units, including the impact of  
14          the plan on the ability of such units to meet train-  
15          ing, maintenance, and deployment requirements, as  
16          well as the implications for total force integration  
17          initiatives should the fielding not be proportional.

18          (c) BRIEFING.—Not later than March 1, 2018, the  
19          Comptroller General shall provide a briefing to the con-  
20          gressional defense committees on the review conducted  
21          under subsection (a).

22          (d) FINAL REPORT.—Not later than June 30, 2018,  
23          the Comptroller General shall submit to the congressional  
24          committees a report that includes the results of the review  
25          conducted under subsection (a).

1 (e) HH-60G REPLACEMENT PROGRAMS DEFINED.—  
2 In this section, the term “HH-60G replacement pro-  
3 grams” means the HH-60G Ops Loss Replacement pro-  
4 gram and the HH-60W Combat Rescue Helicopter pro-  
5 gram.

6 **Subtitle E—Defense-wide, Joint,**  
7 **and Multiservice Matters**

8 **SEC. 141. F-35 ECONOMIC ORDER QUANTITY CONTRACTING**  
9 **AUTHORITY.**

10 (a) IN GENERAL.—Subject to subsections (b)  
11 through (e), from amounts made available for obligation  
12 under the F-35 aircraft program, the Secretary of De-  
13 fense may enter into one or more contracts, beginning  
14 with the fiscal year 2018 program year, for the procure-  
15 ment of economic order quantities of material and equip-  
16 ment that has completed formal hardware qualification  
17 testing for the F-35 aircraft program for use in procure-  
18 ment contracts to be awarded for such program during  
19 fiscal years 2019 and 2020.

20 (b) LIMITATION.—The total amount obligated under  
21 all contracts entered into under subsection (a) shall not  
22 exceed \$661,000,000.

23 (c) PRELIMINARY FINDINGS.—Before entering into a  
24 contract under subsection (a), the Secretary shall make

1 each of the following findings with respect to such con-  
2 tract:

3 (1) The use of such a contract will result in sig-  
4 nificant savings of the total anticipated costs of car-  
5 rying out the program through annual contracts.

6 (2) The minimum need for the property to be  
7 procured is expected to remain substantially un-  
8 changed during the contemplated contract period in  
9 terms of production rate, procurement rate, and  
10 total quantities.

11 (3) There is a reasonable expectation that,  
12 throughout the contemplated contract period, the  
13 Secretary will request funding for the contract at  
14 the level required to avoid contract cancellation.

15 (4) That there is a stable design for the prop-  
16 erty to be procured and that the technical risks asso-  
17 ciated with such property are not excessive.

18 (5) The estimates of both the cost of the con-  
19 tract and the anticipated cost avoidance through the  
20 use of an economic order quantity contract are real-  
21 istic.

22 (6) Entering into the contract will promote the  
23 national security interests of the United States.

24 (d) CERTIFICATION REQUIREMENT.—Except as pro-  
25 vided in subsection (e), the Secretary of Defense may not

1 enter into a contract under subsection (a) until a period  
2 of 30 days has elapsed following the date on which the  
3 Secretary certifies to the congressional defense commit-  
4 tees, in writing, that each of the following conditions is  
5 satisfied:

6 (1) A sufficient number of end items of the sys-  
7 tem being acquired under such contract have been  
8 delivered at or within the most recently available es-  
9 timates of the program acquisition unit cost or pro-  
10 curement unit cost for such system to determine  
11 that the estimates of the unit costs are realistic.

12 (2) During the fiscal year in which such con-  
13 tract is to be awarded, sufficient funds will be avail-  
14 able to perform the contract in such fiscal year, and  
15 the future-years defense program submitted to Con-  
16 gress under section 221 of title 10, United States  
17 Code, for that fiscal year will include the funding re-  
18 quired to execute the program without cancellation.

19 (3) The contract is a fixed-price type contract.

20 (4) The proposed contract provides for produc-  
21 tion at not less than minimum economic rates given  
22 the existing tooling and facilities.

23 (5) The Secretary has determined that each of  
24 the conditions described in paragraphs (1) through  
25 (6) of subsection (c) will be met by such contract

1 and has provided the basis for such determination to  
2 the congressional defense committees.

3 (6) The determination under paragraph (5) was  
4 made after the completion of a cost analysis per-  
5 formed by the Director of Cost Assessment and Pro-  
6 gram Evaluation for the purpose of section  
7 2334(e)(1) of title 10, United States Code, and the  
8 analysis supports that determination.

9 (e) EXCEPTION.—Notwithstanding subsection (d),  
10 the Secretary of Defense may enter into a contract under  
11 subsection (a) on or after March 1, 2018, if—

12 (1) the Director of Cost Assessment and Pro-  
13 gram Evaluation has not completed a cost analysis  
14 of the preliminary findings made by the Secretary  
15 under subsection (c) with respect to the contract;

16 (2) the Secretary certifies to the congressional  
17 defense committees, in writing, that each of the con-  
18 ditions described in paragraphs (1) through (5) of  
19 subsection (d) is satisfied; and

20 (3) a period of 30 days has elapsed following  
21 the date on which the Secretary submits the certifi-  
22 cation under paragraph (2).

1 **SEC. 142. AUTHORITY FOR EXPLOSIVE ORDNANCE DIS-**  
2 **POSAL UNITS TO ACQUIRE NEW OR EMERG-**  
3 **ING TECHNOLOGIES AND CAPABILITIES.**

4 The Secretary of Defense, after consultation with the  
5 head of each military service, may provide to an explosive  
6 ordnance disposal unit the authority to acquire new or  
7 emerging technologies and capabilities that are not specifi-  
8 cally provided for in the authorized equipment allowance  
9 for the unit, as such allowance is set forth in the table  
10 of equipment and table of allowance for the unit.

11 **SEC. 143. REQUIREMENT THAT CERTAIN AIRCRAFT AND**  
12 **UNMANNED AERIAL VEHICLES USE SPECI-**  
13 **FIED STANDARD DATA LINK.**

14 Section 157 of the National Defense Authorization  
15 Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat.  
16 1667) is amended—

17 (1) by amending subsection (b) to read as fol-  
18 lows:

19 “(b) SOLICITATIONS.—The Secretary of Defense  
20 shall—

21 “(1) ensure that any solicitation issued for a  
22 Common Data Link described in subsection (a), re-  
23 gardless of whether the solicitation is issued by a  
24 military department or a contractor with respect to  
25 a subcontract—

1           “(A) conforms to a Department of Defense  
2           specification standard, including interfaces and  
3           waveforms, existing as of the date of the solici-  
4           tation; and

5           “(B) does not include any proprietary or  
6           undocumented waveforms or control interfaces  
7           or data interfaces as a requirement or criterion  
8           for evaluation; and

9           “(2) notify the congressional defense commit-  
10          tees not later than 15 days after issuing a solici-  
11          tation for a Common Data Link to be sunset (CDL-  
12          TBS) waveform.”; and

13          (2) in subsection (c), in the matter preceding  
14          paragraph (1)—

15                 (A) by striking “Under Secretary of De-  
16                 fense for Acquisition, Technology, and Logis-  
17                 tics” and inserting “Deputy Secretary of De-  
18                 fense”;

19                 (B) by striking “Under Secretary” and in-  
20                 serting “Deputy Secretary of Defense”; and

21                 (C) by inserting “before October 1, 2023”  
22                 after “committees”.



1 **SEC. 144. REINSTATEMENT OF REQUIREMENT TO PRE-**  
2 **SERVE CERTAIN C-5 AIRCRAFT; MOBILITY CA-**  
3 **PABILITY AND REQUIREMENTS STUDY.**

4 (a) PRESERVATION OF RETIRED AIRCRAFT.—Section  
5 141 of the National Defense Authorization Act for Fiscal  
6 Year 2013 (Public Law 112–239; 126 Stat. 1659), as  
7 amended by section 132 of the National Defense Author-  
8 ization Act for Fiscal Year 2017 (Public Law 114–328),  
9 is amended by inserting after subsection (c) the following:

10 “(d) PRESERVATION OF CERTAIN RETIRED C–5 AIR-  
11 CRAFT.—

12 “(1) IN GENERAL.—The Secretary of the Air  
13 Force shall preserve eight retired C–5 aircraft until  
14 the date that is 30 days after the date on which the  
15 briefing under section 144(b) of the National De-  
16 fense Authorization Act for Fiscal Year 2018 is pro-  
17 vided to the congressional defense committees.

18 “(2) MANNER OF PRESERVATION.—The retired  
19 C–5 aircraft preserved under paragraph (1) shall be  
20 preserved such that each aircraft—

21 “(A) can be returned to service; and

22 “(B) is not used to supply parts to other  
23 aircraft unless specifically authorized by the  
24 Secretary of Defense upon a request by the  
25 Secretary of the Air Force.”.

26 (b) STUDY AND BRIEFING.—

1           (1) STUDY.—The Secretary of Defense shall  
2           carry out a mobility capability and requirements  
3           study that estimates the number of airlift aircraft,  
4           tanker aircraft, and sealift ships needed to meet  
5           combatant commander requirements.

6           (2) BRIEFING.—Not later than September 30,  
7           2018, the Secretary of Defense shall provide to the  
8           congressional defense committees a briefing on the  
9           results of the study carried out under paragraph (1).  
10          The briefing shall include—

11           (A) a detailed explanation of the strategy  
12           and associated force sizing and shaping con-  
13           structs, associated scenarios, and assumptions  
14           used to conduct the analysis;

15           (B) estimated risk based on Chairman of  
16           the Joint Chiefs of Staff risk management clas-  
17           sifications; and

18           (C) implications of operations in contested  
19           areas with regard to the Civil Reserve Air  
20           Fleet.

21   **TITLE II—RESEARCH, DEVELOP-**  
22   **MENT, TEST, AND EVALUA-**  
23   **TION**

Subtitle A—Authorization of Appropriations

Sec. 201. Authorization of appropriations.

Subtitle B—Program Requirements, Restrictions, and Limitations

- Sec. 211. Cost controls for presidential aircraft recapitalization program.
- Sec. 212. Capital investment authority.
- Sec. 213. Prizes for advanced technology achievements.
- Sec. 214. Joint Hypersonics Transition Office.
- Sec. 215. Department of Defense directed energy weapon system prototyping and demonstration program.
- Sec. 216. Appropriate use of authority for prototype projects.
- Sec. 217. Mechanisms for expedited access to technical talent and expertise at academic institutions to support Department of Defense missions.
- Sec. 218. Modification of laboratory quality enhancement program.
- Sec. 219. Reauthorization of Department of Defense Established Program to Stimulate Competitive Research.
- Sec. 220. Codification and enhancement of authorities to provide funds for defense laboratories for research and development of technologies for military missions.
- Sec. 221. Expansion of definition of competitive procedures to include competitive selection for award of science and technology proposals.
- Sec. 222. Inclusion of modeling and simulation in test and evaluation activities for purposes of planning and budget certification.
- Sec. 223. Limitation on availability of funds for F-35 Joint Strike Fighter Follow-On Modernization.
- Sec. 224. Improvement of update process for populating mission data files used in advanced combat aircraft.
- Sec. 225. Support for national security innovation and entrepreneurial education.
- Sec. 226. Limitation on cancellation of designation Executive Agent for a certain Defense Production Act program.

#### Subtitle C—Reports and Other Matters

- Sec. 231. Columbia-class program accountability matrices.
- Sec. 232. Review of barriers to innovation in research and engineering activities of the Department of Defense.
- Sec. 233. Pilot program to improve incentives for technology transfer from Department of Defense laboratories.
- Sec. 234. Competitive acquisition plan for low probability of detection data link networks.
- Sec. 235. Clarification of selection dates for pilot program for the enhancement of the research, development, test, and evaluation centers of the Department of Defense.
- Sec. 236. Requirement for a plan to build a prototype for a new ground combat vehicle for the Army.
- Sec. 237. Plan for successfully fielding the Integrated Air and Missile Defense Battle Command System.

## 1           **Subtitle A—Authorization of** 2           **Appropriations**

### 3   **SEC. 201. AUTHORIZATION OF APPROPRIATIONS.**

4           Funds are hereby authorized to be appropriated for  
5   fiscal year 2018 for the use of the Department of Defense

1 for research, development, test, and evaluation, as speci-  
2 fied in the funding table in section 4201.

3 **Subtitle B—Program Require-**  
4 **ments, Restrictions, and Limita-**  
5 **tions**

6 **SEC. 211. COST CONTROLS FOR PRESIDENTIAL AIRCRAFT**  
7 **RECAPITALIZATION PROGRAM.**

8 (a) **FIXED CAPABILITY REQUIREMENTS.**—Except as  
9 provided in subsection (b), the capability requirements for  
10 aircraft procured under the presidential aircraft recapital-  
11 ization program of the Air Force (referred to in this sec-  
12 tion as the “PAR Program”) shall be the capability re-  
13 quirements identified in version 7.0.2 of the system re-  
14 quirement document for the PAR Program.

15 (b) **ADJUSTMENTS.**—The Chief of Staff of the Air  
16 Force may adjust the capability requirements described in  
17 subsection (a) only if the Chief of Staff submits to the  
18 congressional defense committees a written determination  
19 that such adjustment is necessary—

20 (1) to resolve an ambiguity relating to the capa-  
21 bility requirement;

22 (2) to address a problem with the administra-  
23 tion of the capability requirement;

24 (3) to lower the development cost or life-cycle  
25 cost of the PAR program;

1           (4) to comply with a change in international,  
2           Federal, State, or local law or regulation that takes  
3           effect after September 30, 2017;

4           (5) to address a safety issue; or

5           (6) subject to subsection (c), to address an  
6           emerging threat or vulnerability.

7           (c) LIMITATION ON ADJUSTMENT FOR EMERGING  
8           THREAT OR VULNERABILITY.—The Chief of Staff of the  
9           Air Force may use the authority under paragraph (6) of  
10          subsection (b) to adjust the requirements described in sub-  
11          section (a) only if the Secretary and the Chief of Staff  
12          of the Air Force, on a nondelegable basis—

13           (1) jointly determine that such adjustment is  
14          necessary and in the interests of the national secu-  
15          rity of the United States; and

16           (2) submit to the congressional defense commit-  
17          tees notice of such joint determination.

18          (d) ANALYSIS FOR FIXED-PRICE TYPE CON-  
19          TRACTS.—The Secretary of the Air Force shall work with  
20          the contractor and conduct an analysis of risk and explore  
21          opportunities to enter into additional fixed price type con-  
22          tracts for engineering and manufacturing development be-  
23          yond the procurement of the unmodified commercial air-  
24          craft as described in paragraph (1).

25          (e) QUARTERLY BRIEFINGS.—

1           (1) IN GENERAL.—Beginning not later than  
2           October 1, 2017, and on a quarterly basis thereafter  
3           through October 1, 2022, the Secretary of the Air  
4           Force shall provide to the congressional defense  
5           committees a briefing on the efforts of the Secretary  
6           to control costs under the PAR Program.

7           (2) ELEMENTS.—Each briefing under para-  
8           graph (1) shall include, with respect to the PAR  
9           Program, the following:

10                   (A) An overview of the program schedule.

11                   (B) A description of each contract awarded  
12                   under the program, including a description of  
13                   the type of contract and the status of the con-  
14                   tract.

15                   (C) An assessment of the status of the  
16                   program with respect to—

17                           (i) modification;

18                           (ii) testing;

19                           (iii) delivery; and

20                           (iv) sustainment.

21           (f) SERVICE ACQUISITION EXECUTIVE DEFINED.—

22           In this section, the term “service acquisition executive”  
23           has the meaning given that term in section 101(a)(10) of  
24           title 10, United States Code.

1 **SEC. 212. CAPITAL INVESTMENT AUTHORITY.**

2 Section 2208(k)(2) of title 10, United States Code,  
3 is amended by striking “\$250,000” and inserting  
4 “\$500,000 for procurements by a major range and test  
5 facility installation or a science and technology reinvention  
6 laboratory and not less than \$250,000 for procurements  
7 at all other facilities”.

8 **SEC. 213. PRIZES FOR ADVANCED TECHNOLOGY ACHIEVE-**  
9 **MENTS.**

10 Section 2374a of title 10, United States Code, is  
11 amended—

12 (1) in subsection (a), by striking “in recognition  
13 of” and inserting “and other types of prizes that the  
14 Secretary determines are appropriate to recognize”;

15 (2) in subsection (c)—

16 (A) in paragraph (1), by striking “cash  
17 prize of” and inserting “prize with a fair mar-  
18 ket value of”;

19 (B) in paragraph (2), by striking “Under  
20 Secretary of Defense for Acquisition, Tech-  
21 nology, and Logistics” and inserting “Under  
22 Secretary of Defense for Research and Engi-  
23 neering”; and

24 (C) by adding at the end the following new  
25 paragraph:

1 “(3) No prize competition may result in the award  
2 of a solely nonmonetary prize with a fair market value  
3 of more than \$10,000 without the approval of the Under  
4 Secretary of Defense for Research and Engineering.”;

5 (3) in subsection (e)—

6 (A) by inserting “or nonmonetary items”  
7 after “accept funds”;

8 (B) by striking “and from State and local  
9 governments” and inserting “, from State and  
10 local governments, and from the private sec-  
11 tor”;

12 (C) by adding at the end the following:  
13 “The Secretary may not give any special con-  
14 sideration to any private sector entity in return  
15 for a donation.”; and

16 (4) by amending subsection (f) to read as fol-  
17 lows:

18 “(f) USE OF PRIZE AUTHORITY.—Use of prize au-  
19 thority under this section shall be considered the use of  
20 competitive procedures for the purposes of section 2304  
21 of this title.”.

22 **SEC. 214. JOINT HYPERSONICS TRANSITION OFFICE.**

23 (a) REDESIGNATION.—The joint technology office on  
24 hypersonics in the Office of the Secretary of Defense is  
25 redesignated as the “Joint Hypersonics Transition Of-



1 fice”. Any reference in a law (other than this section),  
2 map, regulation, document, paper, or other record of the  
3 United States to the joint technology office on hypersonics  
4 shall be deemed to be a reference to the Joint Hypersonics  
5 Transition Office.

6 (b) HYPERSONICS DEVELOPMENT.—Section 218 of  
7 the John Warner National Defense Authorization Act for  
8 Fiscal Year 2007 (Public Law 109–364; 10 U.S.C. 2358  
9 note), as amended by section 1079(f) of the National De-  
10 fense Authorization Act for Fiscal Year 2016 (Public Law  
11 114–92; 129 Stat. 999), is amended—

12 (1) in the heading of subsection (a), by striking  
13 “JOINT TECHNOLOGY OFFICE ON HYPERSONICS”  
14 and inserting “JOINT HYPERSONICS TRANSITION  
15 OFFICE”;

16 (2) in subsection (a)—

17 (A) in the first sentence, by striking “joint  
18 technology office on hypersonics” and inserting  
19 “Joint Hypersonics Transition Office (in this  
20 section referred to as the ‘Office’)”; and

21 (B) in the second sentence, by striking “of-  
22 fice” and inserting “Office”;

23 (3) in subsection (b), by striking “joint tech-  
24 nology office established under subsection (a)” and  
25 inserting “Office”; and

1           (4) by amending subsection (c) to read as fol-  
2       lows:

3       “(c) RESPONSIBILITIES.—In carrying out the pro-  
4       gram required by subsection (b), the Office shall do the  
5       following:

6           “(1) Expedite testing, evaluation, and acquisi-  
7       tion of hypersonic weapon systems to meet the stat-  
8       ed needs of the warfighter, including flight testing,  
9       ground-based-testing, and underwater launch test-  
10      ing.

11          “(2) Coordinate and integrate current and fu-  
12      ture research, development, test, and evaluation pro-  
13      grams and system demonstration programs of the  
14      Department of Defense on hypersonics.

15          “(3) Undertake appropriate actions to ensure—

16              “(A) close and continuous integration of  
17      the programs on hypersonics of the military de-  
18      partments and the Defense Agencies with the  
19      programs on hypersonics across the Federal  
20      Government and with appropriate private sector  
21      and foreign organizations; and

22              “(B) that both foundational research and  
23      developmental and operational testing resources  
24      are adequate and well funded, and that facili-  
25      ties are made available in a timely manner to

1 support hypersonics research, demonstration  
2 programs, and system development.

3 “(4) Approve prototyping demonstration pro-  
4 grams on hypersonic systems to speed the matura-  
5 tion and deployment of the systems to the  
6 warfighter,.

7 “(5) Ensure that any demonstration program  
8 on hypersonic systems that is carried out in any  
9 year after its approval under paragraph (3) is car-  
10 ried out only if certified under subsection (e) as  
11 being consistent with the roadmap under subsection  
12 (d).

13 “(6) Develop strategies and roadmaps for  
14 hypersonic technologies to transition to operational  
15 capabilities for the warfighter.

16 “(7) Coordinate with relevant stakeholders and  
17 agencies to support United States technological ad-  
18 vantage in developing hypersonics.”;

19 (5) in subsection (d)(1), by striking “joint tech-  
20 nology office established under subsection (a)” and  
21 inserting “Office”; and

22 (6) in subsection (e)—

23 (A) in paragraph (1), by striking “joint  
24 technology office established under subsection  
25 (a)” and inserting “Office”; and

1 (B) in paragraph (2), by striking “joint  
2 technology office” and inserting “Office”.

3 **SEC. 215. DEPARTMENT OF DEFENSE DIRECTED ENERGY**  
4 **WEAPON SYSTEM PROTOTYPING AND DEM-**  
5 **ONSTRATION PROGRAM.**

6 (a) DESIGNATION OF UNDER SECRETARY OF DE-  
7 FENSE FOR RESEARCH AND ENGINEERING AS THE OFFI-  
8 CIAL WITH PRINCIPAL RESPONSIBILITY FOR DEVELOP-  
9 MENT AND DEMONSTRATION OF DIRECTED ENERGY  
10 WEAPONS.—Subsection (a)(1) of section 219 of the Na-  
11 tional Defense Authorization Act for Fiscal Year 2017  
12 (Public Law 114–328; 10 U.S.C. 2431 note) is amended  
13 by striking “Not later” and all that follows through “De-  
14 partment of Defense” and inserting “The Under Secretary  
15 of Defense for Research and Engineering shall serve”.

16 (b) PROTOTYPING AND DEMONSTRATION PRO-  
17 GRAM.—Such section is further amended by adding at the  
18 end the following new subsection:

19 “(c) PROTOTYPING AND DEMONSTRATION PRO-  
20 GRAM.—

21 “(1) ESTABLISHMENT.—The Secretary of De-  
22 fense, acting through the Under Secretary, shall es-  
23 tablish a program on the prototyping and dem-  
24 onstration of directed energy weapon systems to

1 build and maintain the military superiority of the  
2 United States by—

3 “(A) accelerating, when feasible, the field-  
4 ing of directed energy weapon prototypes that  
5 would help counter technological advantages of  
6 potential adversaries of the United States; and

7 “(B) supporting the military departments,  
8 the combatant commanders, and other relevant  
9 defense agencies and entities in developing pro-  
10 totypes and demonstrating operational utility of  
11 high energy lasers and high powered microwave  
12 weapon systems.

13 “(2) GUIDELINES.—(A) Not later than 180  
14 days after the date of the enactment of the National  
15 Defense Authorization Act for Fiscal Year 2018, the  
16 Under Secretary shall issue guidelines for the oper-  
17 ation of the program established under paragraph  
18 (1), including the following:

19 “(i) Criteria required for an application for  
20 funding by a military department, defense agen-  
21 cy or entity, or a combatant command.

22 “(ii) The priorities, based on validated re-  
23 quirements or capability gaps, for fielding pro-  
24 totype directed energy weapon system tech-

1 nologies developed by research funding of the  
2 Department or industry.

3 “(iii) Criteria for evaluation of an applica-  
4 tion for funding or changes to policies or acqui-  
5 sition and business practices by such a depart-  
6 ment, agency, or command for purposes of im-  
7 proving the effectiveness and efficiency of the  
8 program.

9 “(B) Funding for a military department, de-  
10 fense agency, or combatant command under the pro-  
11 gram established under paragraph (1) may only be  
12 available for advanced technology development,  
13 prototyping, and demonstrations in which the De-  
14 partment of Defense maintains management of the  
15 technical baseline and a primary emphasis on tech-  
16 nology transition and evaluating military utility to  
17 enhance the likelihood that the particular directed  
18 energy weapon system will meet the Department end  
19 user’s need.

20 “(3) APPLICATIONS FOR FUNDING.—(A) Not  
21 less frequently than once each year, the Under Sec-  
22 retary shall solicit from the heads of the military de-  
23 partments, the defense agencies, and the combatant  
24 commands applications for funding under the pro-  
25 gram established under paragraph (1) to be used to

1 enter into contracts, cooperative agreements, or  
2 other transaction agreements entered into pursuant  
3 to section 2371b of title 10, United States Code,  
4 with appropriate entities for the prototyping or com-  
5 mercialization of technologies.

6 “(B) Nothing in this section shall be construed  
7 to require any official of the Department of Defense  
8 to provide funding under the program to any con-  
9 gressional earmark as defined pursuant to clause 9  
10 of rule XXI of the Rules of the House of Represent-  
11 atives or any congressionally directed spending item  
12 as defined pursuant to paragraph 5 of rule XLIV of  
13 the Standing Rules of the Senate.

14 “(4) FUNDING.—(A) Except as provided in sub-  
15 paragraph (B) and subject to the availability of ap-  
16 propriations for such purpose, of the funds author-  
17 ized to be appropriated by the National Defense Au-  
18 thorization Act for Fiscal Year 2018 or otherwise  
19 made available for fiscal year 2018 for research, de-  
20 velopment, test, and evaluation, defense-wide, up to  
21 \$100,000,000 may be available to the Under Sec-  
22 retary to allocate to the military departments, the  
23 defense agencies, and the combatant commands to  
24 carry out the program established under paragraph  
25 (1).

1           “(B) Not more than half of the amounts made  
2           available under subparagraph (A) may be allocated  
3           as described in such paragraph until the Under Sec-  
4           retary—

5                   “(i) develops the strategic plan required by  
6                   subsection (a)(2)(A); and

7                   “(ii) submits such strategic plan to the  
8                   congressional defense committees.

9           “(5) UNDER SECRETARY DEFINED.—In this  
10           subsection, the term ‘Under Secretary’ means the  
11           Under Secretary of Defense for Research and Engi-  
12           neering in the Under Secretary’s capacity as the of-  
13           ficial with principal responsibility for the develop-  
14           ment and demonstration of directed energy weapons  
15           pursuant to subsection (a)(1).”.

16 **SEC. 216. APPROPRIATE USE OF AUTHORITY FOR PROTO-**  
17 **TYPE PROJECTS.**

18           Section 2371b(d)(1)(A) of title 10, United States  
19           Code, is amended by inserting “or nonprofit research in-  
20           stitution” after “defense contractor”.

21 **SEC. 217. MECHANISMS FOR EXPEDITED ACCESS TO TECH-**  
22 **NICAL TALENT AND EXPERTISE AT ACA-**  
23 **DEMIC INSTITUTIONS TO SUPPORT DEPART-**  
24 **MENT OF DEFENSE MISSIONS.**

25           (a) ARRANGEMENTS AUTHORIZED.—



1           (1) IN GENERAL.—The Secretary of Defense  
2           and each secretary of a military department may es-  
3           tablish one or more multi-institution task order con-  
4           tracts, consortia, cooperative agreements, or other  
5           arrangements to facilitate expedited access to uni-  
6           versity technical expertise, including faculty, staff,  
7           and students, in support of Department of Defense  
8           missions in the areas specified in subsection (e).

9           (2) USE FOR TECHNICAL ANALYSES AND ENGI-  
10          NEERING SUPPORT.—The Secretary may use an ar-  
11          rangement under paragraph (1) to fund technical  
12          analyses and other engineering support as required  
13          to address acquisition, management, and operational  
14          challenges, including support for classified programs  
15          and activities.

16          (b) LIMITATION.—An arrangement established under  
17          subsection (a)(1) may not be used to fund research pro-  
18          grams that can be executed through other Department of  
19          Defense basic research activities.

20          (c) CONSULTATION WITH OTHER DEPARTMENT OF  
21          DEFENSE ACTIVITIES.—An arrangement established  
22          under subsection (a)(1) shall, to the degree practicable,  
23          be made in consultation with other Department of Defense  
24          activities, including federally funded research and develop-  
25          ment centers (FFRDCs), university affiliated research

1 centers (UARCs), and Defense laboratories and test cen-  
2 ters, for purposes of providing technical expertise and re-  
3 ducing costs and duplicative efforts.

4 (d) POLICIES AND PROCEDURES.—If the Secretary  
5 of Defense or a secretary of a military department estab-  
6 lishes one or more arrangements under subsection (a)(1),  
7 the Secretary of Defense shall establish and implement  
8 policies and procedures to govern—

9 (1) selection of participants in the arrangement  
10 or arrangements;

11 (2) the awarding of task orders under the ar-  
12 rangement or arrangements;

13 (3) maximum award size for tasks under the  
14 arrangement or arrangements;

15 (4) the appropriate use of competitive awards  
16 and sole source awards under the arrangement or  
17 arrangements; and

18 (5) technical areas under the arrangement or  
19 arrangements.

20 (e) MISSION AREAS.—The areas specified in this sub-  
21 section are as follows:

22 (1) Cybersecurity.

23 (2) Air and ground vehicles.

24 (3) Shipbuilding.

25 (4) Explosives detection and defeat.

- 1 (5) Undersea warfare.
- 2 (6) Trusted electronics.
- 3 (7) Unmanned systems.
- 4 (8) Directed energy.
- 5 (9) Energy, power, and propulsion.
- 6 (10) Management science and operations re-
- 7 search.
- 8 (11) Artificial intelligence.
- 9 (12) Data analytics.
- 10 (13) Business systems.
- 11 (14) Technology transfer and transition.
- 12 (15) Biological engineering and genetic en-
- 13 hancement.
- 14 (16) High performance computing.
- 15 (17) Materials science and engineering.
- 16 (18) Quantum information sciences.
- 17 (19) Special operations activities.
- 18 (20) Modeling and simulation.
- 19 (21) Autonomous systems.
- 20 (22) Model based engineering.
- 21 (23) Such other areas as the Secretary con-
- 22 siders appropriate.
- 23 (f) SUNSET.—No new arrangements may be entered
- 24 into under subsection (a)(1) after September 30, 2020.

1 (g) ARRANGEMENTS ESTABLISHED UNDER SUB-  
2 SECTION (A)(1) DEFINED.—In this section, the term “ar-  
3 rangement established under subsection (a)(1)” means a  
4 multi-institution task order contract, consortia, coopera-  
5 tive agreement, or other arrangement established under  
6 subsection (a)(1).

7 **SEC. 218. MODIFICATION OF LABORATORY QUALITY EN-**  
8 **HANCEMENT PROGRAM.**

9 (a) IN GENERAL.—Section 211 of the National De-  
10 fense Authorization Act for Fiscal Year 2017 (Public Law  
11 114–328) is amended—

12 (1) in subsection (a)(1)—

13 (A) in subparagraph (A), by striking “;  
14 and” and inserting a semicolon;

15 (B) in subparagraph (B), by striking the  
16 semicolon and inserting “; and”; and

17 (C) by adding at the end the following new  
18 subparagraph:

19 “(C) new interpretations of existing stat-  
20 utes and regulations that would enhance the  
21 ability of a director of a science and technology  
22 reinvention laboratory to manage the facility  
23 and discharge the mission of the laboratory;”;

24 (2) in subsection (d), by adding at the end the  
25 following new paragraph:

1       “(3)(A) Each panel described in paragraph (1), (2),  
2 or (3) of subsection (b) shall submit to the panel described  
3 in paragraph (4) of such subsection (relating to govern-  
4 ance and oversight processes) the following:

5           “(i) The findings of the panel with respect to  
6 the review conducted by the panel under subsection  
7 (a)(1)(C).

8           “(ii) The recommendations made by the panel  
9 under such subsection.

10          “(iii) Such comments, findings, and rec-  
11 ommendations as the panel may have received by a  
12 science and technology reinvention laboratory with  
13 respect to—

14           “(I) the review conducted by the panel  
15 under such subsection; or

16           “(II) recommendations made by the panel  
17 under such subsection.

18          “(B)(i) The panel described in subsection (b)(4) shall  
19 review and refashion such recommendations as the panel  
20 may receive under subparagraph (A).

21          “(ii) In reviewing and refashioning recommendations  
22 under clause (i), the panel may, as the panel considers  
23 appropriate, consult with the science and technology exec-  
24 utive of the affected service.

1           “(C) The panel described in subsection (b)(4) shall  
2 submit to the Under Secretary of Defense for Research  
3 and Engineering the recommendations made by the panel  
4 under subsection (a)(1)(C) and the recommendations re-  
5 fashioned by the panel under subparagraph (B) of this  
6 paragraph.”;

7           (3) by redesignating subsections (e) and (f) as  
8 subsection (f) and (g), respectively; and

9           (4) by inserting after subsection (d) the fol-  
10 lowing new subsection (e):

11           “(e) INTERPRETATION OF PROVISIONS OF LAW.—(1)  
12 The Under Secretary of Defense for Research and Engi-  
13 neering, acting under the guidance of the Secretary, shall  
14 issue regulations regarding the meaning, scope, implemen-  
15 tation, and applicability of any provision of a statute relat-  
16 ing to a science and technology reinvention laboratory.

17           “(2) In interpreting or defining under paragraph (1),  
18 the Under Secretary shall, to the degree practicable, em-  
19 phasize providing the maximum operational flexibility to  
20 the directors of the science and technology reinvention lab-  
21 oratories to discharge the missions of their laboratories.

22           “(3) In interpreting or defining under paragraph (1),  
23 the Under Secretary shall, to the extent practicable, con-  
24 sult and coordinate with the secretaries of the military de-  
25 partments and such other agencies or entities as the

1 Under Secretary considers relevant, on any proposed revi-  
2 sion to regulations under paragraph (1).

3 “(4) In interpreting or defining under paragraph (1),  
4 the Under Secretary shall seek recommendations from the  
5 panel described in subsection (b)(4).”.

6 (b) TECHNICAL CORRECTIONS.—(1) Subsections (a),  
7 (c)(1)(C), and (d)(2) of such section are amended by strik-  
8 ing “Assistant Secretary” each place it appears and in-  
9 serting “Under Secretary”.

10 (2) Subparagraph (C) of section 342(b)(3) of the Na-  
11 tional Defense Authorization Act for Fiscal Year 1995  
12 (Public Law 103–337), as amended by section 211(f) of  
13 the National Defense Authorization Act for Fiscal Year  
14 2017 (Public Law 114–328), as redesignated by sub-  
15 section (a)(3) of this section, is amended by striking “As-  
16 sistant Secretary” and inserting “Under Secretary”.

17 **SEC. 219. REAUTHORIZATION OF DEPARTMENT OF DE-**  
18 **FENSE ESTABLISHED PROGRAM TO STIMU-**  
19 **LATE COMPETITIVE RESEARCH.**

20 (a) MODIFICATION OF PROGRAM OBJECTIVES.—Sub-  
21 section (b) of section 257 of the National Defense Author-  
22 ization Act for Fiscal Year 1995 (Public Law 103–337;  
23 10 U.S.C. 2358 note) is amended—

24 (1) by redesignating paragraphs (1) and (2) as  
25 paragraphs (2) and (3), respectively;

1           (2) by inserting before paragraph (2), as redesi-  
2           gnated by paragraph (1), the following new para-  
3           graph (1):

4           “(1) To increase the number of university re-  
5           searchers in eligible States capable of performing  
6           science and engineering research responsive to the  
7           needs of the Department of Defense.”; and

8           (3) in paragraph (2), as redesignated by para-  
9           graph (1), by inserting “relevant to the mission of  
10          the Department of Defense and” after “that is”.

11          (b) MODIFICATION OF PROGRAM ACTIVITIES.—Sub-  
12          section (c) of such section is amended—

13           (1) by redesignating paragraph (3) as para-  
14           graph (4); and

15           (2) by inserting after paragraph (2) the fol-  
16           lowing new paragraph (3):

17           “(3) To provide assistance to science and engi-  
18           neering researchers at institutions of higher edu-  
19           cation in eligible States through collaboration be-  
20           tween Department of Defense laboratories and such  
21           researchers.”.

22          (c) MODIFICATION OF ELIGIBILITY CRITERIA FOR  
23          STATE PARTICIPATION.—Subsection (d) of such section is  
24          amended—



1 (1) in paragraph (2)(B), by inserting “in areas  
2 relevant to the mission of the Department of De-  
3 fense” after “programs”; and

4 (2) by adding at the end the following new  
5 paragraph:

6 “(3) The Under Secretary shall not remove a des-  
7 ignation of a State under paragraph (2) because the State  
8 exceeds the funding levels specified under subparagraph  
9 (A) of such paragraph unless the State has exceeded such  
10 funding levels for at least two consecutive years.”.

11 (d) MODIFICATION OF COORDINATION REQUIRE-  
12 MENT.—Subsection (e) of such section is amended—

13 (1) in paragraph (1), by striking “shall” each  
14 place it appears and inserting “may”; and

15 (2) in paragraph (3), by inserting “relevant to  
16 the mission of the Department of Defense and”  
17 after “Research are”.

18 (e) MODIFICATION OF NAME.—

19 (1) IN GENERAL.—Such section is amended—

20 (A) in subsections (a) and (e) by striking  
21 “Experimental” each place it appears and in-  
22 serting “Established”; and

23 (B) in the section heading, by striking  
24 “**EXPERIMENTAL**” and inserting “**ESTAB-**  
25 **LISHED**”.

1           (2) CLERICAL AMENDMENT.—Such Act is  
2           amended, in the table of contents in section 2(b), by  
3           striking the item relating to section 257 and insert-  
4           ing the following new item:

“Sec. 257. Defense established program to stimulate competitive research.”.

5           (3) CONFORMING AMENDMENT.—Section 307  
6           of the 1997 Emergency Supplemental Appropria-  
7           tions Act for Recovery from Natural Disasters, and  
8           for Overseas Peacekeeping Efforts, Including Those  
9           in Bosnia (Public Law 105–18) is amended by strik-  
10          ing “Experimental” and inserting “Established”.

11 **SEC. 220. CODIFICATION AND ENHANCEMENT OF AUTHORI-**  
12 **TIES TO PROVIDE FUNDS FOR DEFENSE LAB-**  
13 **ORATORIES FOR RESEARCH AND DEVELOP-**  
14 **MENT OF TECHNOLOGIES FOR MILITARY MIS-**  
15 **SIONS.**

16          (a) IN GENERAL.—Chapter 139 of title 10, United  
17 States Code, is amended by inserting after section 2362  
18 the following new section:

19 **“§ 2363. Mechanisms to provide funds for defense lab-**  
20 **oratories for research and development**  
21 **of technologies for military missions**

22          “(a) MECHANISMS TO PROVIDE FUNDS.—(1) The  
23 Secretary of Defense, in consultation with the Secretaries  
24 of the military departments, shall establish mechanisms  
25 under which the director of a defense laboratory may use

1 an amount of funds equal to not less than two percent  
2 and not more than four percent of all funds available to  
3 the defense laboratory for the following purposes:

4           “(A) To fund innovative basic and applied re-  
5 search that is conducted at the defense laboratory  
6 and supports military missions.

7           “(B) To fund development programs that sup-  
8 port the transition of technologies developed by the  
9 defense laboratory into operational use.

10           “(C) To fund workforce development activities  
11 that improve the capacity of the defense laboratory  
12 to recruit and retain personnel with necessary sci-  
13 entific and engineering expertise that support mili-  
14 tary missions.

15           “(D) To fund the repair or minor military con-  
16 struction of the laboratory infrastructure and equip-  
17 ment, in accordance with subsection (b).

18           “(2) The mechanisms established under paragraph  
19 (1) shall provide that funding shall be used under para-  
20 graph (1) at the discretion of the director of a defense  
21 laboratory in consultation with the science and technology  
22 executive of the military department concerned.

23           “(3) The science and technology executive of a mili-  
24 tary department may develop policies and guidance to le-  
25 verage funding and promote cross-laboratory collabora-

1 tion, including with laboratories of other military depart-  
2 ments.

3 “(4) After consultation with the science and tech-  
4 nology executive of the military department concerned, the  
5 director of a defense laboratory may charge customer ac-  
6 tivities a fixed percentage fee, in addition to normal costs  
7 of performance, in order to obtain funds to carry out ac-  
8 tivities authorized by this subsection. The fixed fee may  
9 not exceed four percent of costs.

10 “(b) AVAILABILITY OF FUNDS FOR INFRASTRUC-  
11 TURE PROJECTS.—Funds shall be available in accordance  
12 with subsection (a)(1)(D) only if—

13 “(1) the Secretary notifies the congressional de-  
14 fense committees of the total cost of the project be-  
15 fore the date on which the Secretary uses the mech-  
16 anism under such subsection for such project; and

17 “(2) the Secretary ensures that the project  
18 complies with the applicable cost limitations in—

19 “(A) section 2805(d) of this title, with re-  
20 spect to revitalization and recapitalization  
21 projects; and

22 “(B) section 2811 of this title, with respect  
23 to repair projects.

24 “(c) ANNUAL REPORT ON USE OF AUTHORITY.—(1)  
25 Not later than March 1 of each year until March 1, 2025,

1 the Secretary of Defense shall submit to the congressional  
2 defense committees a report on the use of the authority  
3 under subsection (a) during the preceding year.

4 “(2) Each report under paragraph (1) shall include,  
5 with respect to the year covered by the report, the fol-  
6 lowing:

7 “(A) A description of the mechanisms used to  
8 provide funding under subsection (a)(1).

9 “(B) A statement of the amount of funding  
10 made available to each defense laboratory for re-  
11 search described under such subsection.

12 “(C) A description of the investments made by  
13 each defense laboratory using funds under such sub-  
14 section.

15 “(D) A description and assessment of any im-  
16 provements in the performance of the defense lab-  
17 oratories as a result of investments under such sub-  
18 section.

19 “(E) A description and assessment of the con-  
20 tributions to the development of needed military ca-  
21 pabilities provided by research using funds under  
22 such subsection.

23 “(F) A description of any modification to the  
24 mechanisms under subsection (a) that would im-

1       prove the efficiency of the authority under such sub-  
2       section to support military missions.”.

3       (b) CLERICAL AMENDMENT.—The table of sections  
4       at the beginning of chapter 139 of such title is amended  
5       by inserting after the item relating to section 2362 the  
6       following new item:

      “2363. Mechanisms to provide funds for defense laboratories for research and  
          development of technologies for military missions.”.

7       (c) CONFORMING AMENDMENTS.—(1) Section 219 of  
8       the Duncan Hunter National Defense Authorization Act  
9       for Fiscal Year 2009 (Public Law 110–417; 10 U.S.C.  
10      2358 note), is hereby repealed.

11      (2) Section 2805(d)(1)(B) of title 10, United States  
12      Code, is amended by striking “under section 219(a) of the  
13      Duncan Hunter National Defense Authorization Act for  
14      Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2358  
15      note)” and inserting “section 2363(a) of this title”.

16      **SEC. 221. EXPANSION OF DEFINITION OF COMPETITIVE**  
17                                   **PROCEDURES TO INCLUDE COMPETITIVE SE-**  
18                                   **LECTION FOR AWARD OF SCIENCE AND**  
19                                   **TECHNOLOGY PROPOSALS.**

20      Section 2302(2)(B) of title 10, United States Code,  
21      is amended by striking “basic research” and inserting  
22      “science and technology”.

1 **SEC. 222. INCLUSION OF MODELING AND SIMULATION IN**  
2 **TEST AND EVALUATION ACTIVITIES FOR PUR-**  
3 **POSES OF PLANNING AND BUDGET CERTIFI-**  
4 **CATION.**

5 Section 196 of title 10, United States Code, is  
6 amended—

7 (1) in subsection (d)(1), in the first sentence,  
8 by inserting “, including modeling and simulation  
9 capabilities” after “and resources”; and

10 (2) in subsection (e)(1), by inserting “, includ-  
11 ing modeling and simulation activities,” after “eval-  
12 uation activities”.

13 **SEC. 223. LIMITATION ON AVAILABILITY OF FUNDS FOR F-**  
14 **35 JOINT STRIKE FIGHTER FOLLOW-ON MOD-**  
15 **ERNIZATION.**

16 (a) **IN GENERAL.**—Not more than 25 percent of the  
17 funds authorized to be appropriated by this Act or other-  
18 wise made available for fiscal year 2018 or any other fiscal  
19 year for the Department of Defense may be obligated for  
20 F–35 Joint Strike Fighter Follow-On Modernization until  
21 the Secretary of Defense provides the final report required  
22 under section 224(b) of the National Defense Authoriza-  
23 tion Act for Fiscal Year 2017 (Public Law 114–328).

24 (b) **DUAL CAPABLE AIRCRAFT.**—Neither the limita-  
25 tion in subsection (a) nor the limitation in section 224(a)  
26 of the National Defense Authorization Act for Fiscal Year

1 2017 shall be construed to limit or otherwise restrict any  
2 funding that is required to develop, certify, or deliver F-  
3 35A dual capable aircraft.

4 **SEC. 224. IMPROVEMENT OF UPDATE PROCESS FOR**  
5 **POPULATING MISSION DATA FILES USED IN**  
6 **ADVANCED COMBAT AIRCRAFT.**

7 (a) IMPROVEMENTS TO UPDATE PROCESS.—

8 (1) IN GENERAL.—The Secretary of Defense  
9 shall take such actions as may be necessary to im-  
10 prove the process used to update the mission data  
11 files used in advanced combat aircraft of the United  
12 States so that such updates can occur more quickly.

13 (2) REQUIREMENTS.—In improving the process  
14 under paragraph (1), the Secretary shall ensure the  
15 following:

16 (A) That under such process, updates to  
17 the mission data files are developed, operation-  
18 ally tested, and loaded onto systems of ad-  
19 vanced combat aircraft while in theaters of op-  
20 eration in a time-sensitive manner to allow for  
21 the distinguishing of threats, including distin-  
22 guishing friends from foes, loading and delivery  
23 of weapon suites, and coordination with allied  
24 and coalition armed forces.



1 (B) When updates are made to the mission  
2 data files, all areas of responsibility (AoRs) are  
3 included.

4 (C) The process includes best practices re-  
5 lating to such mission data files that have been  
6 identified by industry and allies of the United  
7 States.

8 (D) The process improves the exchange of  
9 information between weapons systems of the  
10 United States and weapon systems of allies and  
11 partners of the United States, with respect to  
12 such mission data files.

13 (b) CONSULTATION AND PILOT PROGRAMS.—In car-  
14 rying out subsection (a), the Secretary shall consult the  
15 innovation organizations resident in the Department of  
16 Defense and may consider carrying out a pilot program  
17 under another provision of this Act.

18 (c) REPORT.—Not later than March 31, 2018, the  
19 Secretary shall submit to the congressional defense com-  
20 mittees a report on the actions taken by the Secretary  
21 under subsection (a)(1) and how the process described in  
22 such subsection has been improved.

23 **SEC. 225. SUPPORT FOR NATIONAL SECURITY INNOVATION**  
24 **AND ENTREPRENEURIAL EDUCATION.**

25 (a) SUPPORT AUTHORIZED.—

1           (1) IN GENERAL.—The Secretary of Defense  
2           may, acting through the Under Secretary of Defense  
3           for Research and Engineering, support national se-  
4           curity innovation and entrepreneurial education pro-  
5           grams.

6           (2) ELEMENTS.—Support under paragraph (1)  
7           may include the following:

8                   (A) Materials to recruit participants, in-  
9                   cluding veterans, for programs described in  
10                  paragraph (1).

11                  (B) Model curriculum for such programs.

12                  (C) Training materials for such programs.

13                  (D) Best practices for the conduct of such  
14                  programs.

15                  (E) Experimental learning opportunities  
16                  for program participants to interact with oper-  
17                  ational forces and better understand national  
18                  security challenges.

19                  (F) Exchanges and partnerships with De-  
20                  partment of Defense science and technology ac-  
21                  tivities.

22                  (G) Activities consistent with the Proof of  
23                  Concept Commercialization Pilot Program es-  
24                  tablished under section 1603 of the National

1           Defense Authorization Act for Fiscal Year 2014  
2           (Public Law 113–66; 10 U.S.C. 2359 note).

3           (b) CONSULTATION.—In carrying out subsection (a),  
4 the Secretary may consult with the heads of such Federal  
5 agencies, universities, and public and private entities en-  
6 gaged in the development of advanced technologies as the  
7 Secretary determines to be appropriate.

8           (c) AUTHORITIES.—The Secretary may—

9           (1) develop and maintain metrics to assess na-  
10 tional security innovation and entrepreneurial edu-  
11 cation activities to ensure standards for programs  
12 supported under subsection (b) are consistent and  
13 being met; and

14           (2) ensure that any recipient of an award under  
15 the Small Business Technology Transfer program,  
16 the Small Business Innovation Research program,  
17 and science and technology programs of the Depart-  
18 ment of Defense has the option to participate in  
19 training under a national security innovation and en-  
20 trepreneurial education program supported under  
21 subsection (b).

22           (d) PARTICIPATION BY FEDERAL EMPLOYEES AND  
23 MEMBERS OF THE ARMED FORCES.—The Secretary may  
24 encourage Federal employees and members of the Armed  
25 Forces to participate in a national security innovation and

1 entrepreneurial education program supported under sub-  
2 section (a) in order to gain exposure to modern innovation  
3 and entrepreneurial methodologies.

4 (e) COORDINATION.—In carrying out this section, the  
5 Secretary shall consider coordinating and partnering with  
6 activities and organizations involved in the following:

7 (1) Hack the Army.

8 (2) Hack the Air Force.

9 (3) Hack the Pentagon.

10 (4) The Army Digital Service.

11 (5) The Defense Digital Service.

12 (6) The Air Force Digital Service.

13 (7) Challenge and prize competitions of the De-  
14 fense Advanced Research Projects Agency  
15 (DARPA).

16 (8) The Defense Science Study Group.

17 (9) The Small Business Innovation Research  
18 Program (SBIR).

19 (10) The Small Business Technology Transfer  
20 Program (STTR).

21 (11) War colleges of the military departments.

22 (12) Hacking for Defense.

23 (13) The National Security Science and Engi-  
24 neering Faculty Fellowship (NSSEFF) program.

1 (14) The Science, Mathematics and Research  
2 for Transformation (SMART) scholarship program.

3 (15) The young faculty award program of the  
4 Defense Advanced Research Projects Agency.

5 **SEC. 226. LIMITATION ON CANCELLATION OF DESIGNATION**  
6 **EXECUTIVE AGENT FOR A CERTAIN DEFENSE**  
7 **PRODUCTION ACT PROGRAM.**

8 (a) LIMITATION ON CANCELLATION OF DESIGNA-  
9 TION.—The Secretary of Defense may not implement the  
10 decision, issued on July 1, 2017, to cancel the designation,  
11 under Department of Defense Directive 4400.1E, entitled  
12 “Defense Production Act Programs” and dated October  
13 12, 2001, of the currently assigned Department of De-  
14 fense Executive Agent for the program carried out under  
15 title III of the Defense Production Act of 1950 (50 U.S.C.  
16 4531 et seq.) until the Secretary has—

17 (1) completed the review and assessment re-  
18 quired by subsection (b)(1); and

19 (2) carried out the briefing required by sub-  
20 section (c).

21 (b) REVIEW AND ASSESSMENT REQUIRED.—

22 (1) IN GENERAL.—The Secretary of Defense, in  
23 consultation with the Secretary of the Air Force,  
24 shall conduct a review and assessment of the pro-  
25 gram described in subsection (a).

1           (2) ELEMENTS.—The review and assessment  
2           required by paragraph (1) shall include the fol-  
3           lowing:

4                   (A) Assessment of the current manage-  
5                   ment structure for the program, including anal-  
6                   ysis of the mechanisms for accountability, as  
7                   well as cost and management controls currently  
8                   in place.

9                   (B) Analysis of alternatives for proposals  
10                  to modify that management structure to in-  
11                  crease accountability, cost and management  
12                  controls. Such analysis of alternatives should  
13                  consider the relative merits of centralization  
14                  and decentralization, roles of other military de-  
15                  partments in program management and con-  
16                  tracting, as well as the different roles the Office  
17                  of the Secretary of Defense might play in man-  
18                  agement, oversight and execution.

19                  (C) Recommendations for improving the  
20                  assessment and selection of projects in order  
21                  to—

22                           (i) ensure that projects selected are  
23                           appropriate for use of funds appropriated  
24                           to carry out title III of the Defense Pro-  
25                           duction Act of 1950;

1 (ii) ensure that sufficient vetting and  
2 management controls are in place to en-  
3 sure a reasonable degree of confidence that  
4 project ideas or the companies being sup-  
5 ported will be viable; and

6 (iii) increase overall successful execu-  
7 tion for selected projects.

8 (D) Such other matters as the Secretary  
9 considers appropriate.

10 (c) BRIEFING REQUIRED.—The Secretary shall brief  
11 the appropriate Committees of Congress on the findings  
12 of the Secretary with respect to the review and assessment  
13 conducted under subsection (b).

14 (d) NOTIFICATION REQUIRED.—In the event the Sec-  
15 retary of Defense decides to cancel the designation, under  
16 Department of Defense Directive 4400.1E, entitled “De-  
17 fense Production Act Programs” and dated October 12,  
18 2001, of the currently assigned Department of Defense  
19 Executive Agent for the program described in subsection  
20 (a), the Secretary shall submit to the appropriate commit-  
21 tees of Congress a written notification of such decision at  
22 least 60 days before the decision goes into effect.

23 (e) APPROPRIATE COMMITTEES OF CONGRESS DE-  
24 FINED.—In this section, the term “appropriate commit-  
25 tees of Congress” means the—

1 (1) the Committee on Armed Services and the  
2 Committee on Banking, Housing, and Urban Affairs  
3 of the Senate; and

4 (2) the Committee on Armed Services and the  
5 Committee on Financial Services of the House of  
6 Representatives.

## 7 **Subtitle C—Reports and Other** 8 **Matters**

### 9 **SEC. 231. COLUMBIA-CLASS PROGRAM ACCOUNTABILITY** 10 **MATRICES.**

11 (a) **SUBMITTAL OF MATRICES.**—Concurrent with the  
12 President’s annual budget request submitted to Congress  
13 under section 1105 of title 31, United States Code, for  
14 fiscal year 2019, the Secretary of the Navy shall submit  
15 to the congressional defense committees and the Comp-  
16 troller General of the United States the matrices described  
17 in subsection (b) relating to the Columbia-class program.

18 (b) **MATRICES DESCRIBED.**—The matrices described  
19 in this subsection are the following:

20 (1) **DESIGN AND CONSTRUCTION GOALS.**—A  
21 matrix that identifies, in six-month increments, key  
22 milestones, development events, and specific per-  
23 formance goals for the design and construction of  
24 the Columbia-class program, which shall be sub-  
25 divided, at a minimum, according to the following:



1 (A) Technology-readiness levels of major  
2 components and key demonstration events.

3 (B) Design maturity.

4 (C) Manufacturing-readiness levels for crit-  
5 ical manufacturing operations and key dem-  
6 onstration events.

7 (D) Manufacturing operations.

8 (E) Reliability.

9 (2) COST.—A matrix expressing, in annual in-  
10 crements, the total cost phased over the entire Co-  
11 lumbia-class design and construction period of—

12 (A) the Navy service cost position for the  
13 prime contractor's portion of Columbia-class de-  
14 sign and construction activities, including the  
15 estimated price at completion for each sub-  
16 marine and confidence level of this estimate;

17 (B) the program manager's estimate for  
18 the prime contractor's portion of Columbia-class  
19 design and construction activities, including the  
20 estimated price and variance at completion for  
21 each submarine; and

22 (C) the prime contractor's estimate for the  
23 prime contractor's portion of Columbia-class de-  
24 sign and construction activities, including the

1 estimated price and variance at completion for  
2 each submarine.

3 (c) UPDATE OF MATRICES.—

4 (1) IN GENERAL.—Not later than 180 days  
5 after the date on which the Secretary of the Navy  
6 submits the matrices required by subsection (a), and  
7 concurrent with the submittal of each annual budget  
8 request to Congress under section 1105 of title 31,  
9 United States Code, beginning with the fiscal year  
10 2020 request, the Secretary of the Navy shall sub-  
11 mit to the congressional defense committees and the  
12 Comptroller General of the United States updates to  
13 the matrices described in subsection (b).

14 (2) ELEMENTS.—Each update submitted under  
15 paragraph (1) shall detail progress made toward the  
16 goals identified in the matrix described in subsection  
17 (b)(1) and provide updated cost data as prescribed  
18 in subsection (b)(2).

19 (3) TREATMENT OF INITIAL MATRICES AS  
20 BASELINE.—The matrices submitted pursuant to  
21 subsection (a) shall be treated as the baseline for the  
22 full Columbia-class design and construction period  
23 for purposes of the updates submitted pursuant to  
24 paragraph (1) of this subsection.

1           (4) REPORT TERMINATION.—The report re-  
2           quired under paragraph (1) shall terminate upon de-  
3           livery of the first Columbia-class submarine.

4           (d) ASSESSMENT BY COMPTROLLER GENERAL OF  
5 THE UNITED STATES.—Not later than 90 days after the  
6 date on which the Comptroller General of the United  
7 States receives an update to a matrix under subsection  
8 (c)(1), the Comptroller General shall review such matrix  
9 and provide to the congressional defense committees an  
10 assessment of such matrix in whatever form that the  
11 Comptroller General deems appropriate.

12          (e) REPEAL OF REPORT REQUIREMENT.—Section  
13 131 of the National Defense Authorization Act for Fiscal  
14 Year 2016 (129 Stat. 754; Public Law 114–92) is hereby  
15 repealed.

16          (f) MAJOR COMPONENT DEFINED.—In this section,  
17 the term “major component” includes, at a minimum, the  
18 integrated power system, nuclear reactor, propulsor and  
19 related coordinated stern features, stern area system, and  
20 common missile compartment.

21 **SEC. 232. REVIEW OF BARRIERS TO INNOVATION IN RE-**  
22 **SEARCH AND ENGINEERING ACTIVITIES OF**  
23 **THE DEPARTMENT OF DEFENSE.**

24          (a) REVIEW.—The Secretary of Defense, acting  
25 through the Under Secretary of Defense for Research and

1 Engineering, shall review directives, rules, regulations,  
2 and other policies that adversely affect the ability of the  
3 innovation, research, and engineering enterprise of the De-  
4 partment of Defense to effectively and efficiently execute  
5 its missions, including policies and practices concerning  
6 the following:

- 7 (1) Personnel and talent management.
- 8 (2) Financial management and budgeting.
- 9 (3) Infrastructure, installations, and military  
10 construction.
- 11 (4) Acquisition.
- 12 (5) Management.
- 13 (6) Such other areas as the Secretary may des-  
14 ignate.

15 (b) REPORT.—Not later than one year after the date  
16 of the enactment of this Act, the Secretary shall submit  
17 to the congressional defense committees a report on—

- 18 (1) the findings of the Secretary with respect to  
19 the review conducted under subsection (a);
- 20 (2) proposed changes in directives, rules, regu-  
21 lations, and other policies that will enhance the abil-  
22 ity of the innovation, research, and engineering en-  
23 terprise of the Department to executive its des-  
24 ignated missions, including a description of how pro-  
25 posed changes have been coordinated with other ap-

1       appropriate Secretaries of the military departments  
2       and the appropriate heads of the defense agencies;  
3       and

4             (3) processes by which new directives, rules,  
5       regulations, and other policies will be reviewed for  
6       their potential to adversely affect the ability of the  
7       innovation, research, and engineering enterprise of  
8       the Department and the lead official designated to  
9       execute such review in consultation with other rel-  
10      evant and appropriate Secretaries of the military de-  
11      partments and heads of defense agencies.

12 **SEC. 233. PILOT PROGRAM TO IMPROVE INCENTIVES FOR**  
13                   **TECHNOLOGY TRANSFER FROM DEPART-**  
14                   **MENT OF DEFENSE LABORATORIES.**

15       (a) IN GENERAL.—The Secretary of Defense shall es-  
16      tablish a pilot program to assess the feasibility and advis-  
17      ability of distributing royalties and other payments as de-  
18      scribed in this section. Under the pilot program, except  
19      as provided in subsections (b) and (d), any royalties or  
20      other payments received by a Federal agency from the li-  
21      censing and assignment of inventions under agreements  
22      entered into by Department of Defense laboratories, and  
23      from the licensing of inventions of Department of Defense  
24      laboratories, shall be retained by the laboratory which pro-  
25      duced the invention and shall be disposed of as follows:

1           (1)(A) The laboratory director shall pay each  
2           year the first \$2,000, and thereafter at least 20 per-  
3           cent, of the royalties or other payments, other than  
4           payments of patent costs as delineated by a license  
5           or assignment agreement, to the inventor or coinven-  
6           tors, if the inventor's or coinventor's rights are di-  
7           rectly assigned to the United States.

8           (B) A laboratory director may provide appro-  
9           priate incentives, from royalties or other payments,  
10          to laboratory employees who are not an inventor of  
11          such inventions but who substantially increased the  
12          technical value of the inventions.

13          (C) The laboratory shall retain the royalties  
14          and other payments received from an invention until  
15          the laboratory makes payments to employees of a  
16          laboratory under subparagraph (A) or (B).

17          (2) The balance of the royalties or other pay-  
18          ments shall be transferred by the agency to its lab-  
19          oratories, with the majority share of the royalties or  
20          other payments from any invention going to the lab-  
21          oratory where the invention occurred. The royalties  
22          or other payments so transferred to any laboratory  
23          may be used or obligated by that laboratory during  
24          the fiscal year in which they are received or during  
25          the 2 succeeding fiscal years—

1 (A) to reward scientific, engineering, and  
2 technical employees of the laboratory, including  
3 developers of sensitive or classified technology,  
4 regardless of whether the technology has com-  
5 mercial applications;

6 (B) to further scientific exchange among  
7 the laboratories of the agency;

8 (C) for education and training of employ-  
9 ees consistent with the research and develop-  
10 ment missions and objectives of the agency or  
11 laboratory, and for other activities that increase  
12 the potential for transfer of the technology of  
13 the laboratories of the agency;

14 (D) for payment of expenses incidental to  
15 the administration and licensing of intellectual  
16 property by the agency or laboratory with re-  
17 spect to inventions made at that laboratory, in-  
18 cluding the fees or other costs for the services  
19 of other agencies, persons, or organizations for  
20 intellectual property management and licensing  
21 services; or

22 (E) for scientific research and development  
23 consistent with the research and development  
24 missions and objectives of the laboratory.

1           (3) All royalties or other payments retained by  
2           the laboratory after payments have been made pur-  
3           suant to paragraphs (1) and (2) that are unobli-  
4           gated and unexpended at the end of the second fiscal  
5           year succeeding the fiscal year in which the royalties  
6           and other payments were received shall be paid into  
7           the Treasury of the United States.

8           (b) TREATMENT OF PAYMENTS TO EMPLOYEES.—

9           (1) IN GENERAL.—Any payment made to an  
10          employee under the pilot program shall be in addi-  
11          tion to the regular pay of the employee and to any  
12          other awards made to the employee, and shall not  
13          affect the entitlement of the employee to any regular  
14          pay, annuity, or award to which the employee is oth-  
15          erwise entitled or for which the employee is other-  
16          wise eligible or limit the amount thereof. Any pay-  
17          ment made to an inventor as such shall continue  
18          after the inventor leaves the laboratory.

19          (2) CUMULATIVE PAYMENTS.—(A) Cumulative  
20          payments made under the pilot program while the  
21          inventor is still employed at the laboratory shall not  
22          exceed \$500,000 per year to any one person, unless  
23          the Secretary concerned (as defined in section  
24          101(a) of title 10, United States Code) approves a  
25          larger award.



1           (B) Cumulative payments made under the pilot  
2           program after the inventor leaves the laboratory  
3           shall not exceed \$150,000 per year to any one per-  
4           son, unless the head of the agency approves a larger  
5           award (with the excess over \$150,000 being treated  
6           as an agency award to a former employee under sec-  
7           tion 4505 of title 5, United States Code).

8           (c) INVENTION MANAGEMENT SERVICES.—Under the  
9           pilot program, a laboratory receiving royalties or other  
10          payments as a result of invention management services  
11          performed for another Federal agency or laboratory under  
12          section 207 of title 35, United States Code, may retain  
13          such royalties or payments to the extent required to offset  
14          payments to inventors under subparagraph (A) of sub-  
15          section (a)(1), costs and expenses incurred under subpara-  
16          graph (D) of subsection (a)(2), and the cost of foreign  
17          patenting and maintenance for any invention of the other  
18          agency. All royalties and other payments remaining after  
19          offsetting the payments to inventors, costs, and expenses  
20          described in the preceding sentence shall be transferred  
21          to the agency for which the services were performed, for  
22          distribution in accordance with subsection (a)(2).

23          (d) CERTAIN ASSIGNMENTS.—Under the pilot pro-  
24          gram, if the invention involved was one assigned to the  
25          laboratory—

1 (1) by a contractor, grantee, or participant, or  
2 an employee of a contractor, grantee, or participant,  
3 in an agreement or other arrangement with the  
4 agency; or

5 (2) by an employee of the agency who was not  
6 working in the laboratory at the time the invention  
7 was made,

8 the agency unit that was involved in such assignment shall  
9 be considered to be a laboratory for purposes of this sec-  
10 tion.

11 (e) SUNSET.—The pilot program under this section  
12 shall terminate 5 years after the date of the enactment  
13 of this Act.

14 **SEC. 234. COMPETITIVE ACQUISITION PLAN FOR LOW**  
15 **PROBABILITY OF DETECTION DATA LINK**  
16 **NETWORKS.**

17 (a) PLAN REQUIRED.—The Under Secretary of De-  
18 fense for Acquisition, Technology, and Logistics and the  
19 Vice Chairman of the Joint Chiefs of Staff shall jointly,  
20 in consultation with the Secretary of the Navy and the  
21 Secretary of the Air Force, develop a plan to procure a  
22 secure, low probability of detection data link network ca-  
23 pability with the ability to effectively operate in hostile  
24 jamming environments while preserving the low observable

1 characteristics of the relevant platforms, between existing  
2 and planned—

3 (1) fifth-generation combat aircraft;

4 (2) fifth-generation and fourth-generation com-  
5 bat aircraft;

6 (3) fifth-generation and fourth-generation com-  
7 bat aircraft and appropriate support aircraft and  
8 other network nodes for command, control, commu-  
9 nications, intelligence, surveillance, and reconnais-  
10 sance purposes; and

11 (4) fifth-generation and fourth-generation com-  
12 bat aircraft and their associated network-enabled  
13 precision weapons.

14 (b) ADDITIONAL PLAN REQUIREMENTS.—The plan  
15 required by subsection (a) shall include—

16 (1) nonproprietary and open systems ap-  
17 proaches compatible with the Rapid Capabilities Of-  
18 fice Open Mission Systems initiative of the Air  
19 Force and the Future Airborne Capability Environ-  
20 ment initiative of the Navy;

21 (2) a competitive acquisition process, to include  
22 comparative flight demonstrations in realistic air-  
23 borne environments; and

1           (3) low risk and affordable solutions with mini-  
2           mal impact or changes to existing host platforms,  
3           and minimal overall integration costs.

4           (c) BRIEFING.—Not later than February 15, 2018,  
5           the Under Secretary and the Vice Chairman shall provide  
6           to the congressional defense committees a potential acqui-  
7           sition strategy and briefing on the plan developed under  
8           subsection (a).

9           (d) LIMITATION.—Of the funds authorized to be ap-  
10          propriated by this Act or otherwise made available for fis-  
11          cal year 2018 for operations and maintenance for the Of-  
12          fice of the Secretary of the Air Force and the Office of  
13          the Secretary of the Navy, not more than 85 percent may  
14          be obligated or expended until a period of 15 days has  
15          elapsed following the date on which the Under Secretary  
16          and Vice Chairman submits to the congressional defense  
17          committees the plan required by subsection (a).

18       **SEC. 235. CLARIFICATION OF SELECTION DATES FOR PILOT**  
19                               **PROGRAM FOR THE ENHANCEMENT OF THE**  
20                               **RESEARCH, DEVELOPMENT, TEST, AND EVAL-**  
21                               **UATION CENTERS OF THE DEPARTMENT OF**  
22                               **DEFENSE.**

23          Section 233 of the National Defense Authorization  
24          Act for Fiscal Year 2017 (Public Law 114–328) is amend-  
25          ed—

1 (1) in subsection (b)(2), by striking “the enact-  
2 ment of this Act” both places it appears and insert-  
3 ing “such submittal”; and

4 (2) in subsection (c)(1), by striking “propose  
5 and implement” and inserting “submit to the Assist-  
6 ant Secretary concerned a proposal on, and imple-  
7 ment,”.

8 **SEC. 236. REQUIREMENT FOR A PLAN TO BUILD A PROTO-**  
9 **TYPE FOR A NEW GROUND COMBAT VEHICLE**  
10 **FOR THE ARMY.**

11 (a) IN GENERAL.—Not later than February 1, 2018,  
12 the Secretary of the Army shall submit to the congres-  
13 sional defense committees a plan to build a prototype for  
14 a new ground combat vehicle for the Army.

15 (b) CONTENTS.—The plan required by subsection (a)  
16 shall include the following:

17 (1) A description of how the Secretary intends  
18 to exploit the latest enabling component technologies  
19 that have the potential to dramatically change basic  
20 combat vehicle design and improve lethality, protec-  
21 tion, mobility, range, and sustainment, including an  
22 analysis of capabilities of the most advanced foreign  
23 ground combat vehicles and whether any have char-  
24 acteristics that should inform the development of the  
25 Army’s prototype vehicle, including whether any

1 United States allies or partners have advanced capa-  
2 bilities that could be directly incorporated in the pro-  
3 totype.

4 (2) The schedule, cost, key milestones, and  
5 leadership plan to rapidly design and build the pro-  
6 totype ground combat vehicle.

7 **SEC. 237. PLAN FOR SUCCESSFULLY FIELDING THE INTE-**  
8 **GRATED AIR AND MISSILE DEFENSE BATTLE**  
9 **COMMAND SYSTEM.**

10 (a) **PLAN REQUIRED.**—Not later than February 1,  
11 2018, the Secretary of the Army shall submit to the con-  
12 gressional defense committees a plan to successfully field  
13 a suitable, survivable, and effective Integrated Air and  
14 Missile Defense Battle Command System program.

15 (b) **LIMITATION.**—Not more than 50 percent of the  
16 funds authorized to be appropriated by this Act for re-  
17 search, development, test, and evaluation may be obligated  
18 by the Secretary of the Army for the Army Integrated Air  
19 and Missile Defense and the Integrated Air and Missile  
20 Defense Battle Command System until the date on which  
21 the plan is submitted under subsection (a).

22 **TITLE III—OPERATION AND**  
23 **MAINTENANCE**

Subtitle A—Authorization of Appropriations

Sec. 301. Authorization of appropriations.

Subtitle B—Energy and Environment

- Sec. 311. Military Aviation and Installation Assurance Siting Clearinghouse.
- Sec. 312. Energy performance goals and master plan.
- Sec. 313. Payment to Environmental Protection Agency of stipulated penalty in connection with Umatilla Chemical Depot, Oregon.
- Sec. 314. Payment to Environmental Protection Agency of stipulated penalty in connection with Longhorn Army Ammunition Plant, Texas.
- Sec. 315. Department of the Army cleanup and removal of petroleum, oil, and lubricant associated with the Prinz Eugen.
- Sec. 316. Centers for Disease Control study on health implications of per- and polyfluoroalkyl substances contamination in drinking water.
- Sec. 317. Sentinel Landscapes Partnership.
- Sec. 318. Report on release of radium or radioactive material into the groundwater near the industrial reserve plant in Bethpage, New York.

#### Subtitle C—Logistics and Sustainment

- Sec. 321. Reauthorization of multi-trades demonstration project.
- Sec. 322. Increased percentage of sustainment funds authorized for realignment to restoration and modernization at each installation.
- Sec. 323. Guidance regarding use of organic industrial base.

#### Subtitle D—Reports

- Sec. 331. Quarterly reports on personnel and unit readiness.
- Sec. 332. Biennial report on core depot-level maintenance and repair capability.
- Sec. 333. Annual report on personnel, training, and equipment needs of non-federalized National Guard.
- Sec. 334. Annual report on military working dogs used by the Department of Defense.
- Sec. 335. Report on effects of climate change on Department of Defense.
- Sec. 336. Report on optimization of training in and management of special use airspace.
- Sec. 337. Plan for modernized, dedicated Department of the Navy adversary air training enterprise.
- Sec. 338. Updated guidance regarding biennial core report.

#### Subtitle E—Other Matters

- Sec. 341. Explosive safety board.
- Sec. 342. Servicewomen's commemorative partnerships.
- Sec. 343. Limitation on availability of funds for advanced skills management software system of the Navy.
- Sec. 344. Cost-benefit analysis of uniform specifications for Afghan military or security forces.
- Sec. 345. Temporary installation reutilization authority for arsenals, depots, and plants.
- Sec. 346. Comprehensive plan for sharing depot-level maintenance best practices.
- Sec. 347. Pilot program for operation and maintenance budget presentation.
- Sec. 348. Repurposing and reuse of surplus Army firearms.
- Sec. 349. Department of the Navy marksmanship awards.
- Sec. 350. Civilian training for National Guard pilots and sensor operator aircrews of MQ-9 unmanned aerial vehicles.
- Sec. 351. Training for National Guard personnel on wildfire response.
- Sec. 352. Modification of the Second Division Memorial.

1           **Subtitle A—Authorization of**  
2                           **Appropriations**

3   **SEC. 301. AUTHORIZATION OF APPROPRIATIONS.**

4           Funds are hereby authorized to be appropriated for  
5   fiscal year 2018 for the use of the Armed Forces and other  
6   activities and agencies of the Department of Defense for  
7   expenses, not otherwise provided for, for operation and  
8   maintenance, as specified in the funding table in section  
9   4301.

10           **Subtitle B—Energy and**  
11                           **Environment**

12   **SEC. 311. MILITARY AVIATION AND INSTALLATION ASSUR-**  
13                           **ANCE SITING CLEARINGHOUSE.**

14           (a) CODIFICATION.—Chapter 7 of title 10, United  
15   States Code, is amended by inserting after section 183 the  
16   following new section:

17   **“§ 183a. Military Aviation and Installation Assurance**  
18                           **Clearinghouse for review of mission ob-**  
19                           **structions**

20           “(a) ESTABLISHMENT.—(1) The Secretary of De-  
21   fense shall establish a Military Aviation and Installation  
22   Assurance Siting Clearinghouse (in this section referred  
23   to as the ‘Clearinghouse’).

24           “(2) The Clearinghouse shall be—



1           “(A) organized under the authority, direction,  
2           and control of an Assistant Secretary of Defense  
3           designated by the Secretary; and

4           “(B) assigned such personnel and resources as  
5           the Secretary considers appropriate to carry out this  
6           section.

7           “(b) FUNCTIONS.—(1) The Clearinghouse shall co-  
8           ordinate Department of Defense review of applications for  
9           energy projects filed with the Secretary of Transportation  
10          pursuant to section 44718 of title 49 and received by the  
11          Department of Defense from the Secretary of Transpor-  
12          tation. In performing such coordination, the Clearinghouse  
13          shall provide procedures to ensure affected local military  
14          installations are consulted.

15          “(2) The Clearinghouse shall accelerate the develop-  
16          ment of planning tools necessary to determine the accept-  
17          ability to the Department of Defense of proposals included  
18          in an application for an energy project submitted pursuant  
19          to such section.

20          “(3) The Clearinghouse shall perform such other  
21          functions as the Secretary of Defense assigns.

22          “(c) REVIEW OF PROPOSED ACTIONS.—(1) Not later  
23          than 60 days after receiving from the Secretary of Trans-  
24          portation a proper application for an energy project under  
25          section 44718 of title 49 that may have an adverse impact

1 on military operations and readiness, the Clearinghouse  
2 shall conduct a preliminary review of such application. The  
3 review shall—

4           “(A) assess the likely scope, duration, and level  
5 of risk of any adverse impact of such energy project  
6 on military operations and readiness; and

7           “(B) identify any feasible and affordable ac-  
8 tions that could be taken by the Department, the de-  
9 veloper of such energy project, or others to mitigate  
10 the adverse impact and to minimize risks to national  
11 security while allowing the energy project to proceed  
12 with development.

13           “(2) If the Clearinghouse finds under paragraph (1)  
14 that an energy project will have an adverse impact on mili-  
15 tary operations and readiness, the Clearinghouse shall  
16 issue to the applicant a notice of presumed risk that de-  
17 scribes the concerns identified by the Department in the  
18 preliminary review and requests a discussion of possible  
19 mitigation actions.

20           “(3) At the same time that the Clearinghouse issues  
21 to the applicant a notice of presumed risk under para-  
22 graph (2), the Clearinghouse shall provide the same notice  
23 to the governor of the State in which the project is located  
24 and request that the governor provide the Clearinghouse  
25 any comments the governor believes of relevance to the

1 application. The Secretary of Defense shall consider the  
2 comments of the governor in the Secretary's evaluation of  
3 whether the project presents an unacceptable risk to the  
4 national security of the United States and shall include  
5 the comments with the finding provided to the Secretary  
6 of Transportation pursuant to section 44718(f) of title 49.

7       “(4) The Clearinghouse shall develop, in coordination  
8 with other departments and agencies of the Federal Gov-  
9 ernment, an integrated review process to ensure timely no-  
10 tification and consideration of energy projects filed with  
11 the Secretary of Transportation pursuant to section 44718  
12 of title 49 that may have an adverse impact on military  
13 operations and readiness.

14       “(5) The Clearinghouse shall establish procedures for  
15 the Department of Defense for the coordinated consider-  
16 ation of and response to a request for a review received  
17 from another Federal agency, a State government, an In-  
18 dian tribal government, a local government, a landowner,  
19 or the developer of an energy project, including guidance  
20 to personnel at each military installation in the United  
21 States on how to initiate such procedures and ensure a  
22 coordinated Department response.

23       “(6) The Clearinghouse shall develop procedures for  
24 conducting early outreach to parties carrying out energy  
25 projects that could have an adverse impact on military op-

1 erations and readiness and to clearly communicate to such  
2 parties actions being taken by the Department of Defense  
3 under this section. The procedures shall provide for filing  
4 by such parties of a project area and preliminary project  
5 layout at least one year before expected construction of  
6 any project proposed within a military training route or  
7 within line-of-sight of any air route surveillance radar or  
8 airport surveillance radar operated or used by the Depart-  
9 ment of Defense in order to provide adequate time for  
10 analysis and negotiation of mitigation options. Material  
11 marked as proprietary or competition sensitive by a party  
12 filing for this preliminary review shall be protected from  
13 public release by the Department of Defense.

14 “(d) COMPREHENSIVE REVIEW.—(1) The Secretary  
15 of Defense shall develop a comprehensive strategy for ad-  
16 dressing the impacts upon the military of projects filed  
17 with the Secretary of Transportation pursuant to section  
18 44718 of title 49.

19 “(2) In developing the strategy required by para-  
20 graph (1), the Secretary shall—

21 “(A) assess the magnitude of interference posed  
22 by projects filed with the Secretary of Transpor-  
23 tation pursuant to section 44718 of title 49;

24 “(B) solely for the purpose of informing pre-  
25 liminary reviews under subsection (c)(1) and early

1 outreach efforts under subsection (c)(5), identify dis-  
2 tinct geographic areas selected as proposed locations  
3 for projects filed, or for projects that are reasonably  
4 expected to be filed in the near future, with the Sec-  
5 retary of Transportation pursuant to section 44718  
6 of title 49 where the Secretary of Defense can dem-  
7 onstrate such projects could have an adverse impact  
8 on military operations and readiness, including mili-  
9 tary training routes, and categorize the risk of ad-  
10 verse impact in such areas;

11 “(C) develop procedures for the initial identi-  
12 fication of such geographic areas identified under  
13 subparagraph (B), to include a process to provide  
14 notice and seek public comment prior to making a  
15 final designation of the geographic areas, including  
16 maps of the area and the basis for identification;

17 “(D) develop procedures to periodically review  
18 and modify, consistent with the notice and public  
19 comment process under subparagraph (C), geo-  
20 graphic areas identified under subparagraph (B) and  
21 to solicit and identify additional geographic areas as  
22 appropriate;

23 “(E) at the conclusion of the notice and public  
24 comment period conducted under subparagraph (C),  
25 make a final finding on the designation of a geo-

1 graphic area of concern or delegate the authority to  
2 make such finding to a Deputy Secretary of De-  
3 fense, an Under Secretary of Defense, or a Principal  
4 Deputy Under Secretary of Defense; and

5 “(F) specifically identify feasible and affordable  
6 long-term actions that may be taken to mitigate ad-  
7 verse impacts of projects filed, or which may be filed  
8 in the future, with the Secretary of Transportation  
9 pursuant to section 44718 of title 49, on military  
10 operations and readiness, including—

11 “(i) investment priorities of the Depart-  
12 ment of Defense with respect to research and  
13 development;

14 “(ii) modifications to military operations to  
15 accommodate applications for such projects;

16 “(iii) recommended upgrades or modifica-  
17 tions to existing systems or procedures by the  
18 Department of Defense;

19 “(iv) acquisition of new systems by the De-  
20 partment and other departments and agencies  
21 of the Federal Government and timelines for  
22 fielding such new systems; and

23 “(v) modifications to the projects for which  
24 such applications are filed with the Secretary of  
25 Transportation pursuant to section 44718 of

1 title 49, including changes in size, location, or  
2 technology.

3 “(3) The Clearinghouse shall make access to data re-  
4 flecting geographic areas identified under subparagraph  
5 (B) of paragraph (2) and reviewed and modified under  
6 subparagraph (C) of such paragraph available online.

7 “(e) DEPARTMENT OF DEFENSE FINDING OF UNAC-  
8 CEPTABLE RISK.—(1) The Secretary of Defense may not  
9 object to an energy project filed with the Secretary of  
10 Transportation pursuant to section 44718 of title 49, ex-  
11 cept in a case in which the Secretary of Defense deter-  
12 mines, after giving full consideration to mitigation actions  
13 identified pursuant to this section, that such project, in  
14 isolation or cumulatively with other projects, would result  
15 in an unacceptable risk to the national security of the  
16 United States. The Secretary of Defense’s finding of unac-  
17 ceptable risk to national security shall be transmitted to  
18 the Secretary of Transportation for inclusion in the report  
19 required under section 44718(b)(2) of title 49.

20 “(2)(A) Not later than 30 days after making a find-  
21 ing of unacceptable risk under paragraph (1), the Sec-  
22 retary of Defense shall submit to the congressional defense  
23 committees, the Committee on Commerce, Science, and  
24 Transportation of the Senate, and the Committee on  
25 Transportation and Infrastructure of the House of Rep-

1 representatives a report on such finding and the basis for  
2 such finding. Such report shall include an explanation of  
3 the operational impact that led to the finding, a discussion  
4 of the mitigation options considered, and an explanation  
5 of why the mitigation options were not feasible or did not  
6 resolve the conflict. The report may include a classified  
7 annex. Unclassified reports shall also be provided to the  
8 project proponent. The Secretary of Defense may provide  
9 public notice through the Federal Register of the finding.

10       “(B) The Secretary of Defense shall notify the appro-  
11 priate State agency of a finding made under paragraph  
12 (1).

13       “(3) The Secretary of Defense may only delegate the  
14 responsibility for making a finding of unacceptable risk  
15 under paragraph (1) to the Deputy Secretary of Defense,  
16 an under secretary of defense, or a deputy under secretary  
17 of defense.

18       “(4) The Clearinghouse shall develop procedures for  
19 making a finding of unacceptable risk, including with re-  
20 spect to how to implement cumulative effects analysis.  
21 Such procedures shall be subject to public comment prior  
22 to finalization.

23       “(f) AUTHORITY TO ACCEPT CONTRIBUTIONS OF  
24 FUNDS.—The Secretary of Defense is authorized to re-  
25 quest and accept a voluntary contribution of funds from



1 an applicant for a project filed with the Secretary of  
2 Transportation pursuant to section 44718 of title 49.  
3 Amounts so accepted shall remain available until expended  
4 for the purpose of offsetting the cost of measures under-  
5 taken by the Secretary of Defense to mitigate adverse im-  
6 pacts of such a project on military operations and readi-  
7 ness or to conduct studies of potential measures to miti-  
8 gate such impacts.

9 “(g) EFFECT OF DEPARTMENT OF DEFENSE HAZ-  
10 ARD ASSESSMENT.—An action taken pursuant to this sec-  
11 tion shall not be considered to be a substitute for any as-  
12 sessment or determination required of the Secretary of  
13 Transportation under section 44718 of title 49.

14 “(h) DEFINITIONS.—In this section:

15 “(1) The term ‘adverse impact on military oper-  
16 ations and readiness’ means any adverse impact  
17 upon military operations and readiness, including  
18 flight operations, research, development, testing, and  
19 evaluation, and training, that is demonstrable and is  
20 likely to impair or degrade the ability of the armed  
21 forces to perform their warfighting missions.

22 “(2) The term ‘energy project’ means a project  
23 that provides for the generation or transmission of  
24 electrical energy.

1           “(3) The term ‘landowner’ means a person that  
2 owns a fee interest in real property on which a pro-  
3 posed energy project is planned to be located.

4           “(4) The term ‘military installation’ has the  
5 meaning given that term in section 2801(c)(4) of  
6 this title.

7           “(5) The term ‘military readiness’ includes any  
8 training or operation that could be related to combat  
9 readiness, including testing and evaluation activities.

10           “(6) The term ‘military training route’ means a  
11 training route developed as part of the Military  
12 Training Route Program, carried out jointly by the  
13 Federal Aviation Administration and the Secretary  
14 of Defense, for use by the armed forces for the pur-  
15 pose of conducting low-altitude, high-speed military  
16 training.

17           “(7) The term ‘unacceptable risk to the na-  
18 tional security of the United States’ means the con-  
19 struction, alteration, establishment, or expansion, or  
20 the proposed construction, alteration, establishment,  
21 or expansion, of a structure or sanitary landfill, that  
22 the Secretary of Defense can demonstrate would—

23           “(A) endanger safety in air commerce di-  
24 rectly related to the activities of the Depart-  
25 ment of Defense;

1           “(B) interfere with the efficient use of the  
2           navigable airspace directly related to the activi-  
3           ties of the Department of Defense; or

4           “(C) significantly impair or degrade the  
5           capability of the Department of Defense to con-  
6           duct training, research, development, testing,  
7           and evaluation, and operations or to maintain  
8           military readiness.”.

9           (b) CONFORMING AND CLERICAL AMENDMENTS.—

10           (1) REPEAL OF EXISTING PROVISION.—Section  
11           358 of the Ike Skelton National Defense Authoriza-  
12           tion Act for Fiscal Year 2011 (49 U.S.C. 44718  
13           note) is repealed.

14           (2) CROSS-REFERENCE IN TITLE 49, UNITED  
15           STATES CODE.—Section 44718(f) of title 49, United  
16           States Code, is amended by inserting “and in ac-  
17           cordance with section 183a(e) of title 10” after  
18           “conducted under subsection (b)”.

19           (3) REFERENCE TO DEFINITIONS.—Section  
20           44718(g) of title 49, United States Code, is amend-  
21           ed by striking “211.3 of title 32, Code of Federal  
22           Regulations, as in effect on January 6, 2014” both  
23           places it appears and inserting “183a(g) of title 10”.

24           (4) TABLE OF SECTIONS AMENDMENT.—The  
25           table of sections at the beginning of chapter 7 of

1 title 10 is amended by inserting after the item relat-  
2 ing to section 183 the following new item:

“183a. Military Aviation and Installation Assurance Siting Clearinghouse for re-  
view of mission obstructions.”.

3 (c) APPLICABILITY OF EXISTING RULES AND REGU-  
4 LATIONS.—Notwithstanding the amendments made by  
5 subsection (a), any rule or regulation promulgated to carry  
6 out section 358 of the Ike Skelton National Defense Au-  
7 thorization Act for Fiscal Year 2011 (49 U.S.C. 44718  
8 note), that is in effect on the day before the date of the  
9 enactment of this Act shall continue in effect and apply  
10 to the extent such rule or regulation is consistent with the  
11 authority under section 183a of title 10, United States  
12 Code, as added by subsection (a), until such rule or regu-  
13 lation is otherwise amended or repealed.

14 (d) DEADLINE FOR INITIAL IDENTIFICATION OF GEO-  
15 GRAPHIC AREAS.—The initial identification of geo-  
16 graphic areas under section 183a(d)(2)(B) of title 10,  
17 United States Code, as added by subsection (a), shall be  
18 completed not later than 180 days after the date of the  
19 enactment of this Act.

20 (e) CONFORMING AMENDMENT REGARDING CRIT-  
21 ICAL MILITARY-USE AIRSPACE AREAS.—Section 44718 of  
22 title 49, United States Code, as amended by subsection  
23 (b)(3), is further amended—

1 (1) by redesignating subsection (g) as sub-  
2 section (h); and

3 (2) by inserting after subsection (f) the fol-  
4 lowing new subsection:

5 “(g) SPECIAL RULE FOR IDENTIFIED GEOGRAPHIC  
6 AREAS.—In the case of a proposed structure to be located  
7 within a geographic area identified under section  
8 183a(d)(2)(B) of title 10, the Secretary of Transportation  
9 may not issue a determination pursuant to this section  
10 until the Secretary of Defense issues a finding under sec-  
11 tion 183a(e) of title 10, the Secretary of Defense advises  
12 the Secretary of Transportation that no finding under sec-  
13 tion 183a(e) of title 10 will be forthcoming, or 180 days  
14 have lapsed since the project was filed with the Secretary  
15 of Transportation pursuant to this section, whichever oc-  
16 curs first.”.

17 **SEC. 312. ENERGY PERFORMANCE GOALS AND MASTER**  
18 **PLAN.**

19 Section 2911(c) of title 10, United States Code, is  
20 amended—

21 (1) in paragraph (1), by inserting before the pe-  
22 riod at the end the following: “, the future demand  
23 for energy, and the requirements for the use of en-  
24 ergy”;

1           (2) in paragraph (2), by striking “reduce the  
2           future demand and the requirements for the use of  
3           energy” and inserting “enhance energy resilience to  
4           ensure the Department of Defense has the ability to  
5           prepare for and recover from energy disruptions that  
6           affect mission assurance on military installations”;  
7           and

8           (3) by adding at the end the following new  
9           paragraph:

10           “(13) Opportunities to leverage financing pro-  
11           vided by a non-Department entity to address instal-  
12           lation energy needs.”.

13 **SEC. 313. PAYMENT TO ENVIRONMENTAL PROTECTION**  
14           **AGENCY OF STIPULATED PENALTY IN CON-**  
15           **NECTION WITH UMATILLA CHEMICAL DEPOT,**  
16           **OREGON.**

17           (a) **AUTHORITY TO TRANSFER FUNDS.—**

18           (1) **TRANSFER AMOUNT.—**The Secretary of the  
19           Army may transfer an amount of not more than  
20           \$125,000 to the Hazardous Substance Superfund  
21           established under subchapter A of chapter 98 of the  
22           Internal Revenue Code of 1986. Any such transfer  
23           shall be made without regard to section 2215 of title  
24           10, United States Code.

1           (2) SOURCE OF FUNDS.—Any transfer under  
2           subsection (a) shall be made using funds authorized  
3           to be appropriated by this Act or otherwise made  
4           available for fiscal year 2018 for Base Realignment  
5           and Closure, Army.

6           (b) PURPOSE OF TRANSFER.—A transfer under sub-  
7           section (a) shall be for the purpose of satisfying a stipu-  
8           lated penalty assessed by the Environmental Protection  
9           Agency in the settlement agreement approved by the Army  
10          on July 14, 2016, against the Umatilla Chemical Depot,  
11          Oregon under the Federal Facility Agreement between the  
12          Army and the Environmental Protection Agency dated  
13          September 19, 1989.

14          (c) ACCEPTANCE OF PAYMENT.—If the Secretary of  
15          the Army makes a transfer under subsection (a), the Ad-  
16          ministrators of the Environmental Protection Agency shall  
17          accept the amount transferred as payment in full of the  
18          penalty referred to in subsection (b).

19       **SEC. 314. PAYMENT TO ENVIRONMENTAL PROTECTION**  
20                               **AGENCY OF STIPULATED PENALTY IN CON-**  
21                               **NECTION WITH LONGHORN ARMY AMMUNI-**  
22                               **TION PLANT, TEXAS.**

23          (a) AUTHORITY TO TRANSFER FUNDS.—

24               (1) TRANSFER AMOUNT.—The Secretary of the  
25          Army may transfer an amount of not more than

1       \$1,185,000 to the Hazardous Substance Superfund  
2       established under subchapter A of chapter 98 of the  
3       Internal Revenue Code of 1986. Any such transfer  
4       shall be made without regard to section 2215 of title  
5       10, United States Code.

6           (2) SOURCE OF FUNDS.—Any transfer under  
7       subsection (a) shall be made using funds authorized  
8       to be appropriated by this Act or otherwise made  
9       available for fiscal year 2018 for Environmental  
10      Restoration, Army.

11          (b) PURPOSE OF TRANSFER.—A transfer under sub-  
12      section (a) shall be for the purpose of satisfying a stipu-  
13      lated penalty assessed by the Environmental Protection  
14      Agency on April 5, 2013, against Longhorn Army Ammu-  
15      nition Plant, Texas, under the Federal Facility Agreement  
16      for Longhorn Army Ammunition Plant, which was entered  
17      into between the Army and the Environmental Protection  
18      Agency in 1991.

19          (c) ACCEPTANCE OF PAYMENT.—If the Secretary of  
20      the Army makes a transfer under subsection (a), the Ad-  
21      ministrators of the Environmental Protection Agency shall  
22      accept the amount transferred as payment in full of the  
23      penalty referred to in subsection (b).



1 **SEC. 315. DEPARTMENT OF THE ARMY CLEANUP AND RE-**  
2 **MOVAL OF PETROLEUM, OIL, AND LUBRI-**  
3 **CANT ASSOCIATED WITH THE PRINZ EUGEN.**

4 (a) **AUTHORITY.**—Amounts authorized to be appro-  
5 priated for the Department of the Army may be used for  
6 all necessary expenses for the removal and cleanup of pe-  
7 troleum, oil, and lubricants associated with the heavy  
8 cruiser Prinz Eugen, which was transferred from the  
9 United States to the Republic of the Marshall Islands in  
10 1986.

11 (b) **CERTIFICATION.**—If the Secretary of the Army  
12 does not use the authority provided by subsection (a), the  
13 Secretary shall submit a certification to the congressional  
14 defense committees not later than September 30, 2018,  
15 that the petroleum, oil, and lubricants associated with the  
16 heavy cruiser Prinz Eugen do not adversely impact safety  
17 or military operations.

18 **SEC. 316. CENTERS FOR DISEASE CONTROL STUDY ON**  
19 **HEALTH IMPLICATIONS OF PER- AND**  
20 **POLYFLUOROALKYL SUBSTANCES CONTAMI-**  
21 **NATION IN DRINKING WATER.**

22 (a) **STUDY ON HUMAN HEALTH IMPLICATIONS.**—

23 (1) **IN GENERAL.**—The Secretary of Health and  
24 Human Services, acting through the Centers for  
25 Disease Control and Prevention and the Agency for  
26 Toxic Substances and Disease Registry, and, as ap-

1       appropriate, the National Institute of Environmental  
2       Health Sciences, and in consultation with the De-  
3       partment of Defense, shall—

4               (A) commence a study on the human  
5       health implications of per- and polyfluoroalkyl  
6       substances (PFAS) contamination in drinking  
7       water, ground water, and any other sources of  
8       water and relevant exposure pathways, includ-  
9       ing the cumulative human health implications  
10      of multiple types of PFAS contamination at lev-  
11      els above and below health advisory levels;

12              (B) not later than 5 years after the date  
13      of enactment of this Act (or 7 years after such  
14      date of enactment after providing notice to the  
15      appropriate congressional committees of the  
16      need for the delay)—

17                      (i) complete such study and make any  
18                      appropriate recommendations; and

19                      (ii) submit a report to the appropriate  
20                      congressional committees on the results of  
21                      such study; and

22              (C) not later than one year after the date  
23      of the enactment of this Act, and annually  
24      thereafter until submission of the report under  
25      subparagraph (B)(ii), submit to the appropriate

1 congressional committees a report on the  
2 progress of the study.

3 (2) FUNDING.—Of the amounts authorized to  
4 be appropriated by this Act for the Department of  
5 Defense, \$7,000,000 shall be available to carry out  
6 the study under this subsection.

7 (3) APPROPRIATE CONGRESSIONAL COMMIT-  
8 TEES DEFINED.—In this subsection, the term “ap-  
9 propriate congressional committees” means—

10 (A) the congressional defense committees;

11 (B) the Committee on Health, Education,  
12 Labor, and Pensions, the Committee on Envi-  
13 ronment and Public Works, and the Committee  
14 on Veterans’ Affairs of the Senate; and

15 (C) the Committee on Energy and Com-  
16 merce and the Committee on Veterans’ Affairs  
17 of the House of Representatives.

18 (b) EXPOSURE ASSESSMENT.—

19 (1) IN GENERAL.—The Secretary of Health and  
20 Human Services, acting through the Centers for  
21 Disease Control and Prevention and the Agency for  
22 Toxic Substances and Disease Registry, and, as ap-  
23 propriate, the National Institute of Environmental  
24 Health Sciences, and in consultation with the De-  
25 partment of Defense, shall conduct an exposure as-

1        assessment of no less than 8 current or former domes-  
2        tic military installations known to have PFAS con-  
3        tamination in drinking water, ground water, and any  
4        other sources of water and relevant exposure path-  
5        ways.

6            (2) CONTENTS.—The exposure assessment re-  
7        quired under this subsection shall—

8            (A) include—

9            (i) for each military installation cov-  
10        ered under the exposure assessment, a sta-  
11        tistical sample to be determined by the  
12        Secretary of Health and Human Services  
13        in consultation with the relevant State  
14        health departments; and

15            (ii) bio-monitoring for assessing the  
16        contamination described in paragraph (1);  
17        and

18            (B) produce findings, which shall be—

19            (i) used to help design the study de-  
20        scribed in subsection (a)(1)(A); and

21            (ii) released to the appropriate con-  
22        gressional committees not later than 1 year  
23        after the conclusion of such exposure as-  
24        sessment.

1           (3) **TIMING.**—The exposure assessment re-  
2           quired under this subsection shall—

3                   (A) begin not later than 180 days after the  
4                   date of enactment of this Act; and

5                   (B) conclude not later than 2 years after  
6                   such date of enactment.

7           (c) **COORDINATION WITH OTHER AGENCIES.**—The  
8           Agency for Toxic Substance and Disease Registry may,  
9           as necessary, use staff and other resources from other  
10          Federal agencies in carrying out the study under sub-  
11          section (a) and the assessment under subsection (b).

12          (d) **NO EFFECT ON REGULATORY PROCESS.**—The  
13          study and assessment conducted under this section shall  
14          not interfere with any regulatory processes of the Environ-  
15          mental Protection Agency, including determinations of  
16          maximum contaminant levels.

17          **SEC. 317. SENTINEL LANDSCAPES PARTNERSHIP.**

18           (a) **ESTABLISHMENT.**—The Secretary of Defense, in  
19           coordination with the Secretary of Agriculture and the  
20           Secretary of the Interior, may establish and carry out a  
21           program to preserve sentinel landscapes. The program  
22           shall be known as the “Sentinel Landscapes Partnership”.

23           (b) **DESIGNATION OF SENTINEL LANDSCAPES.**—The  
24           Secretary of Defense, the Secretary of Agriculture, and  
25           the Secretary of the Interior, may, as the Secretaries de-

1 termine appropriate, collectively designate one or more  
2 sentinel landscapes.

3 (c) COORDINATION OF ACTIVITIES.—The Secretaries  
4 may coordinate actions between their departments and  
5 with other agencies and private organizations to more effi-  
6 ciently work together for the mutual benefit of conserva-  
7 tion, working lands, and national defense, and to encour-  
8 age private landowners to engage in voluntary land man-  
9 agement and conservation activities that contribute to the  
10 sustainment of military installations, ranges, and airspace.

11 (d) PRIORITY CONSIDERATION.—The Secretary of  
12 Agriculture and the Secretary of the Interior may give to  
13 any eligible landowner or agricultural producer within a  
14 designated sentinel landscape priority consideration for  
15 participation in any easement, grant, or assistance pro-  
16 grams administered by that Secretary’s department. Par-  
17 ticipation in any such program pursuant to this section  
18 shall be voluntary.

19 (e) DEFINITIONS.—In this section:

20 (1) MILITARY INSTALLATION.—The term “mili-  
21 tary installation” has the same meaning as provided  
22 in section 670(1) of title 16, United States Code.

23 (2) STATE-OWNED NATIONAL GUARD INSTALLA-  
24 TION.—The term “State-owned National Guard in-

1       stallation” has the same meaning as provided in sec-  
2       tion 670(3) of title 16, United States Code.

3           (3) SENTINEL LANDSCAPE.—The term “sen-  
4       tinel landscape” means a landscape-scale area en-  
5       compassing—

6           (A) one or more military installations or  
7       state-owned National Guard installations and  
8       associated airspace; and

9           (B) the working or natural lands that  
10      serve to protect and support the rural economy,  
11      the natural environment, outdoor recreation,  
12      and the national defense test and training mis-  
13      sions of the military- or State-owned National  
14      Guard installation or installations.

15      (f) CONFORMING AMENDMENT.—Section 312(b) of  
16      the National Defense Authorization Act for Fiscal Year  
17      2014 (Public Law 113–66; 127 Stat. 729; 10 U.S.C.  
18      2684a note) is repealed.

19      **SEC. 318. REPORT ON RELEASE OF RADIUM OR RADIO-**  
20                   **ACTIVE MATERIAL INTO THE GROUNDWATER**  
21                   **NEAR THE INDUSTRIAL RESERVE PLANT IN**  
22                   **BETHPAGE, NEW YORK.**

23      Not later than 120 days after the date of the enact-  
24      ment of this Act, the Secretary of Defense shall submit  
25      to Congress an addendum to the report submitted to Con-

1 gress in June 2017 entitled “2017 Annual Report For  
2 Groundwater Impacts at Naval Weapons Industrial Re-  
3 serve Plant Bethpage, New York” that would detail any  
4 releases by the Department of Defense of radium or radio-  
5 active material into the groundwater within a 75-mile ra-  
6 dius of the industrial reserve plant in Bethpage, New  
7 York.

## 8 **Subtitle C—Logistics and** 9 **Sustainment**

### 10 **SEC. 321. REAUTHORIZATION OF MULTI-TRADES DEM-** 11 **ONSTRATION PROJECT.**

12 Section 338 of the National Defense Authorization  
13 Act for Fiscal Year 2004 (Public Law 108–136; 10 U.S.C.  
14 5013 note), as most recently amended by section 321 of  
15 the National Defense Authorization Act for Fiscal Year  
16 2013 (Public Law 112–239; 126 Stat. 1694) is amend-  
17 ed—

18 (1) in subsection (d), by striking “2018” and  
19 inserting “2023”; and

20 (2) in subsection (e), by striking “2019” and  
21 inserting “2024”.



1 **SEC. 322. INCREASED PERCENTAGE OF SUSTAINMENT**  
2 **FUNDS AUTHORIZED FOR REALIGNMENT TO**  
3 **RESTORATION AND MODERNIZATION AT**  
4 **EACH INSTALLATION.**

5 (a) IN GENERAL.—The Secretary of Defense may au-  
6 thorize an installation commander to realign up to 7.5 per-  
7 cent of an installation’s sustainment funds to restoration  
8 and modernization.

9 (b) SUNSET.—The authority under subsection (a)  
10 shall expire at the close of September 30, 2022.

11 (c) DEFINITIONS.—The terms “sustainment”, “res-  
12 toration”, and “modernization” have the meanings given  
13 the terms in the Department of Defense Financial Man-  
14 agement Regulation.

15 **SEC. 323. GUIDANCE REGARDING USE OF ORGANIC INDUS-**  
16 **TRIAL BASE.**

17 Not later than 90 days after the date of the enact-  
18 ment of this Act, the Secretary of the Army shall establish  
19 clear and prescriptive guidance on the process for con-  
20 ducting make-or-buy analyses for Army requirements, in-  
21 cluding the use of the organic industrial base.

## 22 **Subtitle D—Reports**

23 **SEC. 331. QUARTERLY REPORTS ON PERSONNEL AND UNIT**  
24 **READINESS.**

25 (a) MODIFICATION AND IMPROVEMENT.—Section  
26 482 of title 10, United States Code, is amended—

1 (1) in subsection (a)—

2 (A) by striking “Each report” and insert-  
3 ing “The reports for the first and third quar-  
4 ters of a calendar year”; and

5 (B) by adding at the end the following new  
6 sentence: “The reports for the second and  
7 fourth quarters of a calendar year shall contain  
8 the information required by subsection (j).”;

9 (2) in subsection (b)—

10 (A) in the subsection heading, by striking  
11 “AND REMEDIAL ACTIONS”;

12 (B) in the matter preceding paragraph (1),  
13 by striking “Each report” and inserting “A re-  
14 port for the second or fourth quarter of a cal-  
15 endar year”;

16 (C) in paragraph (1), by inserting “and”  
17 after the semicolon;

18 (D) by striking paragraph (2); and

19 (E) by redesignating paragraph (3) as  
20 paragraph (2);

21 (3) in subsection (d)(1), by striking “Each re-  
22 port” and inserting “A report for the second or  
23 fourth quarter of a calendar year”;

1 (4) in subsection (e), by striking “Each report”  
2 and inserting “A report for the second or fourth  
3 quarter of a calendar year”;

4 (5) in subsection (f)(1), by striking “Each re-  
5 port” and inserting “A report for the second or  
6 fourth quarter of a calendar year”;

7 (6) in subsection (g)(1), by striking “Each re-  
8 port” and inserting “A report for the second or  
9 fourth quarter of a calendar year”; and

10 (7) by adding at the end the following new sub-  
11 section:

12 “(j) REMEDIAL ACTIONS.—A report for the first or  
13 third quarter of a calendar year shall include—

14 “(1) a description of the mitigation plans of the  
15 Secretary to address readiness shortfalls and oper-  
16 ational deficiencies identified in the report submitted  
17 for the preceding calendar quarter; and

18 “(2) for each such shortfall or deficiency, a  
19 timeline for resolution, the cost necessary for such  
20 resolution, the mitigation strategy the Department  
21 will employ until the resolution is in place, and any  
22 legislative remedies required.”.

23 (b) CONFORMING AMENDMENTS.—Section 117 of  
24 title 10, United States Code, is amended—

25 (1) in subsection (d)—

1 (A) in the subsection heading, by striking  
2 “QUARTERLY” and inserting “SEMI-ANNUAL”;  
3 and

4 (B) in paragraph (1)(A), by striking  
5 “quarterly” and inserting “semi-annual”; and  
6 (2) in subsection (e), by striking “each quarter”  
7 and inserting “semi-annually”.

8 **SEC. 332. BIENNIAL REPORT ON CORE DEPOT-LEVEL MAIN-**  
9 **TENANCE AND REPAIR CAPABILITY.**

10 Section 2464(d) of title 10, United States Code, is  
11 amended by adding at the end the following new para-  
12 graphs:

13 “(4) Any workload shortfalls at any work  
14 breakdown structure category designated as a lower-  
15 level category pursuant to Department of Defense  
16 Instruction 4151.20, or any successor instruction.

17 “(5) A description of any workload executed at  
18 a category designated as a first-level category pursu-  
19 ant to such Instruction, or any successor instruction,  
20 that could be used to mitigate shortfalls in similar  
21 categories.

22 “(6) A description of any progress made on im-  
23 plementing mitigation plans developed pursuant to  
24 paragraph (3).

1           “(7) A description of core capability require-  
2           ments and corresponding workloads at the first level  
3           category.

4           “(8) In the case of any shortfall that is identi-  
5           fied, a description of the shortfall and an identifica-  
6           tion of the subcategory of the work breakdown struc-  
7           ture in which the shortfall occurred.

8           “(9) In the case of any work breakdown struc-  
9           ture category designated as a special interest item or  
10          other pursuant to such Instruction, or any successor  
11          instruction, an explanation for such designation.

12          “(10) Whether the core depot-level maintenance  
13          and repair capability requirements described in the  
14          report submitted under this subsection for the pre-  
15          ceding fiscal year have been executed.”.

16 **SEC. 333. ANNUAL REPORT ON PERSONNEL, TRAINING, AND**  
17 **EQUIPMENT NEEDS OF NON-FEDERALIZED**  
18 **NATIONAL GUARD.**

19          (a) ANNUAL REPORT REQUIRED.—Section 10504 of  
20          title 10, United States Code, as amended by section 1051,  
21          is further amended—

22                 (1) in subsection (a)—

23                         (A) in the subsection heading, by striking  
24                         “REPORT” and inserting “REPORT ON STATE  
25                         OF THE NATIONAL GUARD”; and

1 (B) by striking “The report” and inserting  
2 the following:

3 “(2) The annual report required by paragraph  
4 (1)”;

5 (2) by adding at the end the following new sub-  
6 section:

7 “(b) ANNUAL REPORT ON NON-FEDERALIZED SERV-  
8 ICE NATIONAL GUARD PERSONNEL, TRAINING, AND  
9 EQUIPMENT REQUIREMENTS.—(1) Not later than Janu-  
10 ary 31 of each of calendar years 2018 through 2020, the  
11 Chief of the National Guard Bureau, in coordination with  
12 the Secretary of Defense, shall submit to the recipients  
13 described in paragraph (3) a report that identifies the per-  
14 sonnel, training, and equipment required by the non-Fed-  
15 eralized National Guard—

16 “(A) to support civilian authorities in con-  
17 nection with natural and man-made disasters  
18 during the covered period; and

19 “(B) to carry out prevention, protection,  
20 mitigation, response, and recovery activities re-  
21 lating to such disasters during the covered pe-  
22 riod.

23 “(2) In preparing each report under paragraph (1),  
24 the Chief of the National Guard Bureau shall—

1           “(A) consult with the chief executive of each  
2 State, the Council of Governors, and other appro-  
3 priate civilian authorities;

4           “(B) collect and validate information from each  
5 State relating to the personnel, training, and equip-  
6 ment requirements described in paragraph (1);

7           “(C) set forth separately the personnel, train-  
8 ing, and equipment requirements for—

9                 “(i) each of the emergency support func-  
10 tions of the National Response Framework; and

11                 “(ii) each of the Federal Emergency Man-  
12 agement Agency regions;

13           “(D) assess core civilian capability gaps relating  
14 to natural and man-made disasters, as identified by  
15 States in submissions to the Department of Home-  
16 land Security;

17           “(E) take into account threat and hazard iden-  
18 tifications and risk assessments of the Department  
19 of Defense, the Department of Homeland Security,  
20 and the States; and

21           “(F) assess the budgets of each State to sup-  
22 port the personnel, training, and equipment require-  
23 ments of the non-Federalized National Guard.

24           “(3) The annual report required by paragraph (1)  
25 shall be submitted to the following officials:

1           “(A) The congressional defense committees, the  
2           Committee on Homeland Security of the House of  
3           Representatives, and the Committee on Homeland  
4           Security and Governmental Affairs of the Senate.

5           “(B) The Secretary of Defense.

6           “(C) The Secretary of Homeland Security.

7           “(D) The Council of Governors.

8           “(E) The Secretary of the Army.

9           “(F) The Secretary of the Air Force.

10          “(G) The Commander of the United States  
11          Northern Command.

12          “(H) The Commander of the United States Pa-  
13          cific Command.

14          “(I) The Commander of the United States  
15          Cyber Command.

16          “(4) In this subsection, the term ‘covered period’  
17          means the fiscal year beginning after the date on which  
18          a report is submitted under paragraph (1).”.

19          (b) CLERICAL AMENDMENTS.—

20                 (1) SECTION HEADING.—The heading of such  
21                 section is amended to read as follows:

22                 **“§ 10504. Chief of National Guard Bureau: annual re-**  
23                 **ports”.**

24                 (2) TABLE OF CONTENTS.—The table of sec-  
25                 tions at the beginning of chapter 1011 of title 10,



1 United States Code, is amended by striking the item  
2 relating to section 10504 and inserting the fol-  
3 lowing:

“10504. Chief of National Guard Bureau: annual reports.”.

4 **SEC. 334. ANNUAL REPORT ON MILITARY WORKING DOGS**  
5 **USED BY THE DEPARTMENT OF DEFENSE.**

6 (a) CAPACITY.—The Secretary of Defense, acting  
7 through the Executive Agent for Military Working Dogs  
8 (hereinafter in this section referred to as the “Executive  
9 Agent”), shall—

10 (1) identify the number of military working  
11 dogs required to fulfill the various missions of the  
12 Department of Defense for which such dogs are  
13 used, including force protection, facility and check  
14 point security, and explosives and drug detection;

15 (2) take such steps as are practicable to ensure  
16 an adequate number of military working dog teams  
17 are available to meet and sustain the mission re-  
18 quirements identified in paragraph (1);

19 (3) ensure that the Department’s needs and  
20 performance standards with respect to military  
21 working dogs are readily available to dog breeders  
22 and trainers; and

23 (4) coordinate with other Federal, State, and  
24 local agencies, nonprofit organizations, universities,  
25 and private sector entities, as appropriate, to in-

1           crease the training capacity for military working dog  
2           teams.

3           (b) **MILITARY WORKING DOG PROCUREMENT.**—The  
4 Secretary, acting through the Executive Agent, shall work  
5 to ensure that military working dogs are procured as effi-  
6 ciently as possible and at the best value to the Govern-  
7 ment, while maintaining the necessary level of quality and  
8 encouraging increased domestic breeding.

9           (c) **ANNUAL REPORT.**—Not later than 90 days after  
10 the date of the enactment of this Act, and annually there-  
11 after until September 30, 2021, the Secretary, acting  
12 through the Executive Agent, shall submit to the congres-  
13 sional defense committees a report on the procurement  
14 and retirement of military working dogs for the fiscal year  
15 preceding the fiscal year during which the report is sub-  
16 mitted. Each report under this subsection shall include the  
17 following for the fiscal year covered by the report:

18           (1) The number of military working dogs pro-  
19 cured, by source, by each military department or De-  
20 fense Agency.

21           (2) The cost of procuring military working dogs  
22 incurred by each military department or Defense  
23 Agency.

24           (3) The number of domestically-bred and  
25 sourced military working dogs procured by each mili-

1        tary department or Defense Agency, including a list  
2        of vendors, their location, cost, and the quantity of  
3        dogs procured from each vendor.

4            (4) The number of non-domestically-bred mili-  
5        tary working dogs procured from non-domestic  
6        sources by each military department or Defense  
7        Agency, including a list of vendors, their location,  
8        cost, and the quantity of dogs procured from each  
9        vendor.

10           (5) The cost of procuring pre-trained and green  
11        dogs for force protection, facility and checkpoint se-  
12        curity, and improvised explosive device, other explo-  
13        sives, and drug detection.

14           (6) An analysis of the procurement practices of  
15        each military department or Defense Agency that  
16        limit market access for domestic canine vendors and  
17        breeders.

18           (7) The total cost of procuring domestically-  
19        bred military working dogs versus the total cost of  
20        procuring dogs from non-domestic sources.

21           (8) The total number of domestically-bred dogs  
22        and the number of dogs from foreign sources pro-  
23        cured by each military department or Defense Agen-  
24        cy and the number and percentage of those dogs  
25        that are ultimately deployed for their intended use.

1 (9) An explanation for any significant dif-  
2 ference in the cost of procuring military working  
3 dogs from different sources.

4 (10) An estimate of the number of military  
5 working dogs expected to retire annually and an  
6 identification of the primary cause of the retirement  
7 of such dogs.

8 (11) An identification of the final disposition of  
9 military working dogs no longer in service.

10 (d) **MILITARY WORKING DOG DEFINED.**—For pur-  
11 poses of this section, the term “military working dog”  
12 means a dog used in any official military capacity, as de-  
13 fined by the Secretary of Defense.

14 **SEC. 335. REPORT ON EFFECTS OF CLIMATE CHANGE ON**  
15 **DEPARTMENT OF DEFENSE.**

16 (a) **FINDINGS.**—Congress makes the following find-  
17 ings:

18 (1) Secretary of Defense James Mattis has  
19 stated: “It is appropriate for the Combatant Com-  
20 mands to incorporate drivers of instability that im-  
21 pact the security environment in their areas into  
22 their planning.”.

23 (2) Secretary of Defense James Mattis has  
24 stated: “I agree that the effects of a changing cli-  
25 mate — such as increased maritime access to the

1 Arctic, rising sea levels, desertification, among oth-  
2 ers — impact our security situation.”.

3 (3) Chairman of the Joint Chiefs of Staff Jo-  
4 seph Dunford has stated: “It’s a question, once  
5 again, of being forward deployed, forward engaged,  
6 and be in a position to respond to the kinds of nat-  
7 ural disasters that I think we see as a second or  
8 third order effect of climate change.”.

9 (4) Former Secretary of Defense Robert Gates  
10 has stated: “Over the next 20 years and more, cer-  
11 tain pressures-population, energy, climate, economic,  
12 environmental-could combine with rapid cultural, so-  
13 cial, and technological change to produce new  
14 sources of deprivation, rage, and instability.”.

15 (5) Former Chief of Staff of the U.S. Army  
16 Gordon Sullivan has stated: “Climate change is a  
17 national security issue. We found that climate insta-  
18 bility will lead to instability in geopolitics and impact  
19 American military operations around the world.”.

20 (6) The Office of the Director of National Intel-  
21 ligence (ODNI) has stated: “Many countries will en-  
22 counter climate-induced disruptions—such as weath-  
23 er-related disasters, drought, famine, or damage to  
24 infrastructure—that stress their capacity to respond,  
25 cope with, or adapt. Climate-related impacts will also

1 contribute to increased migration, which can be par-  
2 ticularly disruptive if, for example, demand for food  
3 and shelter outstrips the resources available to assist  
4 those in need.”.

5 (7) The Government Accountability Office  
6 (GAO) has stated: “DOD links changes in precipita-  
7 tion patterns with potential climate change impacts  
8 such as changes in the number of consecutive days  
9 of high or low precipitation as well as increases in  
10 the extent and duration of droughts, with an associ-  
11 ated increase in the risk of wildfire. . . this may re-  
12 sult in mission vulnerabilities such as reduced live-  
13 fire training due to drought and increased wildfire  
14 risk.”.

15 (8) A three-foot rise in sea levels will threaten  
16 the operations of more than 128 United States mili-  
17 tary sites, and it is possible that many of these at-  
18 risk bases could be submerged in the coming years.

19 (9) As global temperatures rise, droughts and  
20 famines can lead to more failed states, which are  
21 breeding grounds of extremist and terrorist organi-  
22 zations.

23 (10) In the Marshall Islands, an Air Force  
24 radar installation built on an atoll at a cost of

1       \$1,000,000,000 is projected to be underwater within  
2       two decades.

3           (11) In the western United States, drought has  
4       amplified the threat of wildfires, and floods have  
5       damaged roads, runways, and buildings on military  
6       bases.

7           (12) In the Arctic, the combination of melting  
8       sea ice, thawing permafrost, and sea-level rise is  
9       eroding shorelines, which is damaging radar and  
10      communication installations, runways, seawalls, and  
11      training areas.

12          (13) In the Yukon Training Area, units con-  
13      ducting artillery training accidentally started a wild-  
14      fire despite observing the necessary practices during  
15      red flag warning conditions.

16      (b) SENSE OF CONGRESS.—It is the sense of Con-  
17      gress that—

18          (1) climate change is a direct threat to the na-  
19      tional security of the United States and is impacting  
20      stability in areas of the world both where the United  
21      States Armed Forces are operating today, and where  
22      strategic implications for future conflict exist;

23          (2) there are complexities in quantifying the  
24      cost of climate change on mission resiliency, but the  
25      Department of Defense must ensure that it is pre-

1       pared to conduct operations both today and in the  
2       future and that it is prepared to address the effects  
3       of a changing climate on threat assessments, re-  
4       sources, and readiness; and

5           (3) military installations must be able to effec-  
6       tively prepare to mitigate climate damage in their  
7       master planning and infrastructure planning and de-  
8       sign, so that they might best consider the weather  
9       and natural resources most pertinent to them.

10       (c) REPORT.—

11           (1) REPORT REQUIRED.—Not later than one  
12       year after the date of the enactment of this Act, the  
13       Secretary of Defense shall submit to the Committees  
14       on Armed Services of the Senate and the House of  
15       Representatives a report on vulnerabilities to mili-  
16       tary installations and combatant commander re-  
17       quirements resulting from climate change over the  
18       next 20 years.

19           (2) ELEMENTS.—The report on vulnerabilities  
20       to military installations and combatant commander  
21       requirements required by paragraph (1) shall include  
22       the following:

23           (A) A list of the ten most vulnerable mili-  
24       tary installations within each service based on  
25       the effects of rising sea tides, increased flood-



1 ing, drought, desertification, wildfires, thawing  
2 permafrost, and any other categories the Sec-  
3 retary determines necessary.

4 (B) An overview of mitigations that may  
5 be necessary to ensure the continued oper-  
6 ational viability and to increase the resiliency of  
7 the identified vulnerable military installations  
8 and the cost of such mitigations.

9 (C) A discussion of the climate-change re-  
10 lated effects on the Department, including the  
11 increase in the frequency of humanitarian as-  
12 sistance and disaster relief missions and the  
13 theater campaign plans, contingency plans, and  
14 global posture of the combatant commanders.

15 (D) An overview of mitigations that may  
16 be necessary to ensure mission resiliency and  
17 the cost of such mitigations.

18 (3) FORM.—The report required under para-  
19 graph (1) shall be submitted in unclassified form,  
20 but may contain a classified annex.

21 **SEC. 336. REPORT ON OPTIMIZATION OF TRAINING IN AND**  
22 **MANAGEMENT OF SPECIAL USE AIRSPACE.**

23 (a) IN GENERAL.—Not later than 120 days after the  
24 date of the enactment of this Act, the Director of the  
25 Bases, Ranges, and Airspace Directorate of the Air Force

1 and the Administrator of the Federal Aviation Adminis-  
2 tration shall submit to Congress a report on optimization  
3 of training in and management of special use airspace that  
4 includes the following:

5 (1) Best practices for the management of spe-  
6 cial use airspace, including practices that—

7 (A) result in cost savings relating to train-  
8 ing;

9 (B) increase training opportunities for air-  
10 men;

11 (C) increase joint use of such airspace;

12 (D) improve coordination with respect to  
13 such airspace with—

14 (i) the Federal Aviation Administra-  
15 tion;

16 (ii) Indian tribes;

17 (iii) airports, civilian aircraft opera-  
18 tors, and local communities; and

19 (iv) private landowners and other  
20 stakeholders; or

21 (E) improve the coordination of large force  
22 exercises, including the use of waivers or other  
23 exceptional measures.

1           (2) An assessment of whether the capacity of  
2 ranges, including limitations on flight operations, is  
3 adequate to meet current and future training needs.

4           (3) An assessment of whether the establishment  
5 of a dedicated squadron for the purpose of coordi-  
6 nating the use of a special use airspace at the instal-  
7 lation located in that airspace would improve the  
8 achievement of the objectives described in subpara-  
9 graphs (A) through (E) of paragraph (1).

10          (4) An assessment of the processes in place to  
11 consider, evaluate, and mitigate special use airspace  
12 impacts to the public right of transit through navi-  
13 gable airspace and the safe and efficient use of the  
14 National Airspace System by commercial and gen-  
15 eral aviation.

16          (5) Recommendations for improving the man-  
17 agement and utilization of special use airspace to  
18 meet the objectives described in subparagraphs (A)  
19 through (E) of paragraph (1) and to address any  
20 gaps in capacity identified under paragraph (2).

21          (b) SPECIAL USE AIRSPACE DEFINED.—In this sec-  
22 tion, the term “special use airspace” means special use  
23 airspace designated under part 73 of title 14, Code of Fed-  
24 eral Regulations.

1 **SEC. 337. PLAN FOR MODERNIZED, DEDICATED DEPART-**  
2 **MENT OF THE NAVY ADVERSARY AIR TRAIN-**  
3 **ING ENTERPRISE.**

4 (a) PLAN REQUIRED.—The Chief of Naval Oper-  
5 ations and the Commandant of the Marine Corps shall de-  
6 velop a plan—

7 (1) to establish a modernized, dedicated adver-  
8 sary air training enterprise for the Department of  
9 the Navy in order to—

10 (A) maximize warfighting effectiveness and  
11 synergies of the current and planned fourth and  
12 fifth generation combat air forces through opti-  
13 mized training and readiness; and

14 (B) harness intelligence analysis, emerging  
15 live-virtual-constructive training technologies,  
16 range infrastructure improvements, and results  
17 of experimentation and prototyping efforts in  
18 operational concept development;

19 (2) to explore all available opportunities to chal-  
20 lenge the combat air forces of the Department of the  
21 Navy with threat representative adversary-to-friendly  
22 aircraft ratios, known and emerging adversary tac-  
23 tics, and high-fidelity replication of threat airborne  
24 and ground capabilities; and

25 (3) to execute all means available to achieve  
26 training and readiness goals and objectives of the

1 Navy and Marine Corps with demonstrated institu-  
2 tional commitment to the adversary air training en-  
3 terprise through the application of Department of  
4 the Navy policy and resources, partnering with the  
5 other Armed Forces, allies, and friends, and employ-  
6 ing the use of industry contracted services.

7 (b) **PLAN ELEMENTS.**—The plan required under sub-  
8 section (a) shall include enterprise goals, objectives, con-  
9 cepts of operations, phased implementation timelines,  
10 analysis of expected readiness improvements, prioritized  
11 resource requirements, and such other matters as the  
12 Chief of Naval Operations and Commandant of the Marine  
13 Corps consider appropriate.

14 (c) **SUBMITTAL OF PLAN AND BRIEFING.**—Not later  
15 than March 1, 2018, the Chief of Naval Operations and  
16 Commandant of the Marine Corps shall provide to the  
17 Committees on Armed Services of the Senate and the  
18 House of Representatives a written plan and briefing on  
19 the plan required under subsection (a).

20 **SEC. 338. UPDATED GUIDANCE REGARDING BIENNIAL**  
21 **CORE REPORT.**

22 To ensure that the biennial core reporting procedures  
23 of the Department of Defense align with the requirements  
24 of section 2464 of title 10, United States Code, and that  
25 each reporting agency provides accurate and complete in-

1 formation, the Secretary of Defense shall direct the Under  
2 Secretary of Defense for Acquisition, Technology and Lo-  
3 gistics to update the Department of Defense Guidance, in  
4 particular Department of Defense Instruction 4151.20, to  
5 require future biennial core reports include instructions to  
6 the reporting agencies on how to—

- 7 (1) report additional depot workload performed
- 8 that has not been identified as a core requirement;
- 9 (2) accurately capture inter-service workload;
- 10 (3) calculate shortfalls; and
- 11 (4) estimate the cost of planned workload.

## 12 **Subtitle E—Other Matters**

### 13 **SEC. 341. EXPLOSIVE SAFETY BOARD.**

14 (a) MODIFICATION AND IMPROVEMENT OF AMMUNI-  
15 TION STORAGE BOARD.—Section 172 of title 10, United  
16 States Code, is amended—

- 17 (1) by striking “The Secretaries of the military  
18 departments” and inserting “(a) IN GENERAL.—The  
19 Secretary of Defense”;
- 20 (2) by inserting “that includes members” after  
21 “joint board”;
- 22 (3) by striking “selected by them” and insert-  
23 ing “selected by the Secretaries of the military de-  
24 partments,”;
- 25 (4) by inserting “military” before “officers”;

1 (5) by inserting “designated as the chair and  
2 voting members of the board for each military de-  
3 partment” after “officers”;

4 (6) by inserting “and other” before “civilian of-  
5 ficers”;

6 (7) by striking “or both” and inserting “as nec-  
7 essary”;

8 (8) by striking “keep informed on stored” and  
9 inserting “provide oversight on storage and trans-  
10 portation of”; and

11 (9) by adding at the end the following new sub-  
12 section:

13 “(b) OVERSIGHT BY SECRETARIES OF THE MILITARY  
14 DEPARTMENTS.—The Secretaries of the military depart-  
15 ments shall provide research, development, test, evalua-  
16 tion, and manufacturing oversight for energetic materials  
17 supporting military requirements.”.

18 (b) CLERICAL AMENDMENTS.—

19 (1) SECTION HEADING.—The heading of section  
20 172 of title 10, United States Code, is amended by  
21 striking “**Ammunition storage**” and inserting  
22 “**Explosive safety**”.

23 (2) TABLE OF SECTIONS.—The table of sections  
24 at the beginning of chapter 7 of such title is amend-

1 ed by striking the item relating to section 172 and  
2 inserting the following new item:

“172. Explosive safety board.”.

3 **SEC. 342. SERVICEWOMEN’S COMMEMORATIVE PARTNER-**  
4 **SHIPS.**

5 (a) IN GENERAL.—The Secretary of Defense may  
6 provide not more than \$5,000,000 in financial support for  
7 the acquisition, installation, and maintenance of exhibits,  
8 facilities, historical displays, and programs at military  
9 service memorials and museums that highlight the role of  
10 women in the military. The Secretary may enter into a  
11 contract, partnership, or grant with a non-profit organiza-  
12 tion for the purpose of performing such acquisition, instal-  
13 lation, and maintenance.

14 (b) PURPOSES.—The contracts, partnerships, or  
15 grants shall be limited to serving the purposes of—

16 (1) preserving the history of the 3,000,000  
17 women who have served in the United States Armed  
18 Forces;

19 (2) managing an archive of artifacts, historic  
20 memorabilia, and documents related to service-  
21 women;

22 (3) maintaining a women veterans’ oral history  
23 program; and

24 (4) conducting other educational programs re-  
25 lated to women in service.



1 **SEC. 343. LIMITATION ON AVAILABILITY OF FUNDS FOR AD-**  
2 **VANCED SKILLS MANAGEMENT SOFTWARE**  
3 **SYSTEM OF THE NAVY.**

4 (a) **LIMITATION.**—None of the funds authorized to  
5 be appropriated by this Act or otherwise made available  
6 for fiscal year 2018 for the Department of Defense may  
7 be obligated for the enhancement of the advanced skills  
8 management software system of the Navy until a period  
9 of 60 days has elapsed following the date on which Sec-  
10 retary of the Navy makes the submission required under  
11 subsection (b)(3).

12 (b) **BRIEFING AND CERTIFICATION.**—The Secretary  
13 of the Navy shall—

14 (1) provide to the Committees on Armed Serv-  
15 ices of the Senate and the House of Representatives  
16 a briefing on any enhancements that are needed for  
17 the advanced skills management software system of  
18 the Navy;

19 (2) after providing the briefing under para-  
20 graph (1), issue a request for information for such  
21 enhancements in accordance with part 15.2 of the  
22 Federal Acquisition Regulation; and

23 (3) submit to the Committees on Armed Serv-  
24 ices of the Senate and the House of Representa-  
25 tives—

1 (A) the results of the request for informa-  
2 tion issued under paragraph (2); and

3 (B) a written certification that—

4 (i) as part of the request for informa-  
5 tion, the Secretary solicited information on  
6 commercially available off-the-shelf soft-  
7 ware solutions that may be used to en-  
8 hance the advanced skills management  
9 software system of the Navy; and

10 (ii) the Secretary has considered using  
11 such solutions.

12 (c) ADVANCED SKILLS MANAGEMENT SOFTWARE  
13 SYSTEM DEFINED.—In this section, the term “advanced  
14 skills management software system” means a software ap-  
15 plication designed to—

16 (1) identify job task requirements for Navy per-  
17 sonnel;

18 (2) assist in determining the proficiencies of  
19 such personnel;

20 (3) document qualifications and certifications of  
21 such personnel; and

22 (4) track the technical training completed by  
23 Navy aviation maintenance personnel.

1 **SEC. 344. COST-BENEFIT ANALYSIS OF UNIFORM SPECI-**  
2 **FICATIONS FOR AFGHAN MILITARY OR SECU-**  
3 **RITY FORCES.**

4 Beginning on the date of the enactment of this Act,  
5 whenever the Secretary of Defense enters into a contract  
6 for the provision of uniforms for Afghan military or secu-  
7 rity forces, the Secretary shall conduct a cost-benefit anal-  
8 ysis of the uniform specification for the Afghan military  
9 or security forces uniform. Such analysis shall deter-  
10 mine—

11 (1) whether there is a more effective alternative  
12 uniform specification, considering both operational  
13 environment and cost, available to the Afghan mili-  
14 tary or security forces;

15 (2) the efficacy of the existing pattern com-  
16 pared to other alternatives (both proprietary and  
17 non-proprietary patterns); and

18 (3) the costs and feasibility of transitioning the  
19 uniforms of the Afghan military or security forces to  
20 a pattern owned by the United States, using existing  
21 excess inventory where available, and acquiring the  
22 rights to the Spec4ce Forest pattern.

1 **SEC. 345. TEMPORARY INSTALLATION REUTILIZATION AU-**  
2 **THORITY FOR ARSENALS, DEPOTS, AND**  
3 **PLANTS.**

4 (a) MODIFIED AUTHORITY.—In the case of a military  
5 manufacturing arsenal, depot, or plant, the Secretary of  
6 the Army may authorize up to 10 leases and contracts  
7 per fiscal year under section 2667 of title 10, United  
8 States Code, for a term of up to 25 years, notwithstanding  
9 subsection (b)(1) of such section, if the Secretary deter-  
10 mines that a lease or contract of that duration will pro-  
11 mote the national defense for the purpose of—

12 (1) helping to maintain the viability of the mili-  
13 tary manufacturing arsenal, depot, or plant and any  
14 military installations on which it is located;

15 (2) eliminating, or at least reducing, the cost of  
16 Government ownership of the military manufac-  
17 turing arsenal, depot, or plant, including the costs of  
18 operations and maintenance, the costs of environ-  
19 mental remediation, and other costs; and

20 (3) leveraging private investment at the military  
21 manufacturing arsenal, depot, or plant through long-  
22 term facility use contracts, property management  
23 contracts, leases, or other agreements that support  
24 and advance the preceding purposes.

25 (b) DELEGATION AND REVIEW PROCESS.—

1           (1) IN GENERAL.—The Secretary of the Army  
2           may delegate the authority provided by this section  
3           to the commander of the major subordinate com-  
4           mand of the Army that has responsibility for the  
5           military manufacturing arsenal, depot, or plant or, if  
6           part of a larger military installation, the installation  
7           as a whole. The commander may approve a lease or  
8           contract under such authority on a case-by-case  
9           basis or a class basis.

10           (2) NOTICE OF APPROVAL.—Upon any approval  
11           of a lease or contract by a commander pursuant to  
12           a delegation of authority under paragraph (1), the  
13           commander shall notify the Chief of the Army Corps  
14           of Engineers and Congress of the approval.

15           (3) REVIEW PERIOD.—Any lease or contract  
16           that is approved utilizing the delegation authority  
17           under paragraph (1) is subject to a 90-day hold pe-  
18           riod so that the Chief of the Army Corps of Engi-  
19           neers may review the lease or contract pursuant to  
20           paragraph (4).

21           (4) DISPOSITION OF REVIEW.—If the Chief of  
22           the Army Corps of Engineers disapproves of a con-  
23           tract or lease submitted for review under paragraph  
24           (3), the agreement shall be null and void upon trans-  
25           mittal by the Chief of the Army Corps of Engineers

1 to the delegating authority of a written disapproval,  
2 including a justification for such disapproval, within  
3 the 90-day hold period. If no such disapproval is  
4 transmitted within the 90-day hold period, the  
5 agreement shall be deemed approved.

6 (5) APPROVAL OF REVISED AGREEMENT.—If,  
7 not later than 60 days after receiving a disapproval  
8 under paragraph (4), the delegating authority sub-  
9 mits to the Chief of the Army Corps of Engineers  
10 a new contract or lease that addresses the concerns  
11 of the Chief of the Army Corps of Engineers out-  
12 lined in such disapproval, the new contract or lease  
13 shall be deemed approved unless the Chief of the  
14 Army Corps of Engineers transmits to the dele-  
15 gating authority a disapproval of the new contract or  
16 lease within 30 days of such submission.

17 (c) MILITARY MANUFACTURING ARSENAL, DEPOT,  
18 OR PLANT DEFINED.—In this section, the term “military  
19 manufacturing arsenal, depot, or plant” means a Govern-  
20 ment-owned, Government-operated defense plant of the  
21 Army that manufactures weapons, weapon components, or  
22 both.

23 (d) SUNSET.—The authority under this section shall  
24 terminate at the close of September 30, 2020. Any con-

1 tracts entered into on or before such date shall continue  
2 in effect according to their terms.

3 **SEC. 346. COMPREHENSIVE PLAN FOR SHARING DEPOT-**  
4 **LEVEL MAINTENANCE BEST PRACTICES.**

5 (a) IN GENERAL.—Not later than 90 days after the  
6 date of the enactment of this Act, the Secretary of Defense  
7 shall submit to the congressional defense committees a  
8 comprehensive plan for the sharing of best practices for  
9 depot-level maintenance among the military services.

10 (b) ELEMENTS.—The comprehensive plan required  
11 under subsection (a) shall cover the sharing of best prac-  
12 tices with regard to—

13 (1) programing and scheduling;

14 (2) core capability requirements;

15 (3) workload;

16 (4) personnel management, development, and  
17 sustainment;

18 (5) induction, duration, efficiency, and comple-  
19 tion metrics;

20 (6) parts, supply, tool, and equipment manage-  
21 ment;

22 (7) capital investment and manufacturing and  
23 production capability; and

24 (8) inspection and quality control.

1 **SEC. 347. PILOT PROGRAM FOR OPERATION AND MAINTENANCE BUDGET PRESENTATION.**  
2

3 (a) IN GENERAL.—Along with the budget for fiscal  
4 years 2019, 2020, and 2021 submitted by the President  
5 pursuant to section 1105(a) of title 31, United States  
6 Code, the Secretary of Defense and the Secretaries of the  
7 military departments shall submit to the Committees on  
8 Armed Services of the Senate and the House of Represent-  
9 atives an annex for the following Operation and Mainte-  
10 nance sub-activity groups (SAG):

11 (1) For the Army:

12 (A) SAG 111 – Maneuver Units.

13 (B) SAG 123 – Land Forces Depot Main-  
14 tenance.

15 (C) SAG 131 – Base Operations Support.

16 (D) SAG 322 – Flight Training.

17 (2) For the Navy:

18 (A) SAG 1A5A – Aircraft Depot Mainte-  
19 nance.

20 (B) SAG 1B1B – Mission and Other Ship  
21 Operations.

22 (C) SAG 1B4B – Ship Depot Mainte-  
23 nance.

24 (D) SAG BSS1 – Base Operating Support.

25 (3) For the Marine Corps:

26 (A) SAG 1A1A – Operational Forces.



1 (B) SAG 1A3A – Depot Maintenance.

2 (C) SAG 1B1B – Field Logistics.

3 (D) SAG BSS1 – Base Operating Support.

4 (4) For the Air Force:

5 (A) SAG 011A – Primary Combat Forces.

6 (B) SAG 011Y – Flying Hour Program.

7 (C) SAG 011Z – Base Support.

8 (D) SAG 021M – Depot Maintenance.

9 (b) ELEMENTS.—The annex required under sub-  
10 section (a) shall include the following elements:

11 (1) A summary by appropriation account with  
12 subtotals for Department of Defense components.

13 (2) A summary of each appropriation account  
14 by budget activity, activity group, and sub-activity  
15 group with budget activity and activity group sub-  
16 totals and an appropriation total.

17 (3) A detailed sub-activity group by program  
18 element and expense aggregate listing in budget ac-  
19 tivity and activity group sequence.

20 (4) A rollup document by sub-activity group  
21 with accompanying program element funding with  
22 the PB–61 program element tags included.

23 (5) A summary of each depot maintenance fa-  
24 cility with information on workload, work force,  
25 sources of funding, and expenses similar to the ex-

1       hibit on Mission Funded Naval Shipyards included  
2       with the 2012 Navy Budget Justification.

3           (6) A summary of contractor logistics support  
4       for each program element, including a measure of  
5       workload and unit cost.

6       (c) **FORMATTING.**—The annex required under sub-  
7       section (a) shall be formatted in accordance with relevant  
8       Department of Defense financial management regulations  
9       that provide guidance for budget submissions to Congress.

10   **SEC. 348. REPURPOSING AND REUSE OF SURPLUS ARMY**  
11                           **FIREARMS.**

12       (a) **REQUIRED TRANSFER.**—Not later than 90 days  
13       after the date of the enactment of this Act, and subject  
14       to subsection (c), the Secretary of the Army shall transfer  
15       to a suitable organic facility all excess firearms, related  
16       spare parts and components, small arms ammunition, and  
17       ammunition components currently stored at Defense Dis-  
18       tribution Depot, Anniston, Alabama, that are no longer  
19       actively issued for military service and that are otherwise  
20       prohibited from commercial sale, or distribution, under  
21       Federal law.

22       (b) **REPURPOSING AND REUSE.**—The items specified  
23       for transfer under subsection (a) shall be melted and  
24       repurposed for military use as determined by the Sec-  
25       retary of the Army, including—

1           (1) the reforging of new firearms or their com-  
2           ponents; and

3           (2) force protection barriers and security  
4           bollards.

5           (c) **ITEMS EXEMPT FROM TRANSFER.**—M–1 Garand,  
6 caliber .45 M1911/M1911A1 pistols, caliber .22 rimfire ri-  
7 fles, and such additional items as designated by the Sec-  
8 retary in the annual report required under subsection (d)  
9 are not subject to the transfer requirement under sub-  
10 section (a).

11          (d) **ANNUAL REPORT.**—Not later than 5 days after  
12 the budget of the President for a fiscal year is submitted  
13 to Congress under section 1105 of title 31, United States  
14 Code, the Secretary of the Army, in coordination with the  
15 Director of the Defense Logistics Agency, shall submit to  
16 the Committees on Armed Services of the Senate and the  
17 House of Representatives a report specifying additional  
18 excess firearms, related spare parts and components, small  
19 arms ammunition, and ammunition components des-  
20 ignated as no longer actively issued for military service  
21 and that are otherwise prohibited from commercial sale,  
22 or distribution, under Federal law. The Secretary of the  
23 Army shall designate these items to either be added to  
24 the transfer list for the purposes described under sub-  
25 section (b) or the list of items exempted under subsection

1 (c). The report may not include the redesignation or  
2 change in status of items previously designated for trans-  
3 fer or exemption pursuant to subsections (a) or (c).

4 (e) ACTIONS PURSUANT TO ANNUAL REPORT.—The  
5 Secretary of the Army may not take any action to transfer  
6 items designated in the report submitted under subsection  
7 (d) until the date of the enactment of the National De-  
8 fense Authorization Act for the fiscal year following the  
9 year such report is submitted. Upon enactment of such  
10 Act, the Secretary shall transfer or exempt the items so  
11 designated.

12 **SEC. 349. DEPARTMENT OF THE NAVY MARKSMANSHIP**  
13 **AWARDS.**

14 Section 40728 of title 36, United States Code, is  
15 amended by adding at the end the following new sub-  
16 section:

17 “(i) AUTHORIZED NAVY TRANSFERS.—(1) Notwith-  
18 standing subsections (a) and (b), the Secretary of the  
19 Navy may transfer to the corporation, in accordance with  
20 the procedures prescribed in this subchapter, M–1 Garand  
21 and caliber .22 rimfire rifles held within the inventories  
22 of the United States Navy and the United States Marine  
23 Corps and stored at Defense Distribution Depot, Annis-  
24 ton, Alabama, or Naval Surface Warfare Center, Crane,

1 Indiana, as of the date of the enactment of the National  
2 Defense Authorization Act for Fiscal Year 2018.

3 “(2) The items specified for transfer under para-  
4 graph (1)—

5 “(A) shall be used as awards for competitors in  
6 marksmanship competitions held by the United  
7 States Marine Corps or the United States Navy and  
8 may not be resold; and

9 “(B) shall be rendered inoperable prior to  
10 award and transfer to marksmanship competitors.”.

11 **SEC. 350. CIVILIAN TRAINING FOR NATIONAL GUARD PI-**  
12 **LOTS AND SENSOR OPERATOR AIRCREWS OF**  
13 **MQ-9 UNMANNED AERIAL VEHICLES.**

14 (a) **CONTRACTS FOR TRAINING.**—Subject to sub-  
15 section (c), the Secretary of the Air Force may enter into  
16 one or more contracts with appropriate civilian entities in  
17 order to provide flying or operating training for Air Na-  
18 tional Guard pilots and sensor operator aircrew members  
19 in the MQ-9 unmanned aerial vehicle if the Secretary of  
20 the Air Force determines that—

21 (1) Air Force training units lack sufficient ca-  
22 pacity to train such pilots or sensor operator aircrew  
23 members for initial qualification in the MQ-9 un-  
24 manned aerial vehicle;

1           (2) pilots or sensor operator aircrew members  
2 of Air National Guard units require continuation  
3 training in order to remain current and qualified in  
4 the MQ-9 unmanned aerial vehicle;

5           (3) non-combat continuation training in the  
6 MQ-9 unmanned aerial vehicle is necessary for such  
7 pilots or sensor operator aircrew members to achieve  
8 required levels of flying or operating proficiency; and

9           (4) such training for such pilots or sensor oper-  
10 ator aircrew members is necessary in order to meet  
11 requirements for the Air National Guard to provide  
12 pilots and sensor operator aircrew members qualified  
13 in the MQ-9 unmanned aerial vehicle for operations  
14 on active duty and in State status.

15       (b) NATURE OF TRAINING UNDER CONTRACTS.—  
16 Any training provided pursuant to a contract under sub-  
17 section (a) shall incorporate a level of instruction that is  
18 equivalent to the instruction in the MQ-9 unmanned aer-  
19 ial vehicle provided to pilots and sensor operator aircrew  
20 members at Air Force training units, as determined by  
21 the Secretary of the Air Force.

22       (c) AUTHORITY CONTINGENT ON CERTIFICATION  
23 AND NOTICE AND WAIT PERIOD.—The Secretary of the  
24 Air Force may not use the authority in subsection (a) un-  
25 less and until the Secretary of the Air Force certifies to

1 the congressional defense committees in writing, 90 days  
2 in advance of executing such authority provided in sub-  
3 section (a), that the use of the authority is necessary to  
4 provide required flying or operating training for Air Na-  
5 tional Guard pilots and sensor operator aircrew members  
6 in the MQ-9 unmanned aerial vehicle.

7 **SEC. 351. TRAINING FOR NATIONAL GUARD PERSONNEL ON**  
8 **WILDFIRE RESPONSE.**

9 The Secretary of the Army and the Secretary of the  
10 Air Force may, in consultation with the Chief of the Na-  
11 tional Guard Bureau, provide support for training of ap-  
12 propriate personnel of the National Guard on wildfire re-  
13 sponse and prevention, with preference given to military  
14 installations with the highest wildfire suppression need.

15 **SEC. 352. MODIFICATION OF THE SECOND DIVISION MEMO-**  
16 **RIAL.**

17 (a) **AUTHORIZATION.**—The Second Indianhead Divi-  
18 sion Association, Inc., Scholarship and Memorials Foun-  
19 dation, an organization described in section 501(c)(3) of  
20 the Internal Revenue Code of 1986 and exempt from tax-  
21 ation under section 501(a) of that Code, may place addi-  
22 tional commemorative elements or engravings on the  
23 raised platform or stone work of the existing Second Divi-  
24 sion Memorial located in President’s Park, between 17th  
25 Street Northwest and Constitution Avenue in the District

1 of Columbia, to further honor the members of the Second  
2 Infantry Division who have given their lives in service to  
3 the United States.

4 (b) APPLICATION OF COMMEMORATIVE WORKS  
5 ACT.—Chapter 89 of title 40, United States Code (com-  
6 monly known as the “Commemorative Works Act”), shall  
7 apply to the design and placement of the commemorative  
8 elements or engravings authorized under subsection (a).

9 (c) FUNDING.—Federal funds may not be used for  
10 modifications of the Second Division Memorial authorized  
11 under subsection (a).

## 12 **TITLE IV—MILITARY**

## 13 **PERSONNEL AUTHORIZATIONS**

### Subtitle A—Active Forces

Sec. 401. End strengths for active forces.

Sec. 402. Revisions in permanent active duty end strength minimum levels.

### Subtitle B—Reserve Forces

Sec. 411. End strengths for Selected Reserve.

Sec. 412. End strengths for Reserves on active duty in support of the reserves.

Sec. 413. End strengths for military technicians (dual status).

Sec. 414. Fiscal year 2018 limitation on number of non-dual status technicians.

Sec. 415. Maximum number of reserve personnel authorized to be on active  
duty for operational support.

Sec. 416. Number of members of the National Guard on full-time duty in sup-  
port of the reserves within the National Guard Bureau.

### Subtitle C—Authorization of Appropriations

Sec. 421. Military personnel.

## 14 **Subtitle A—Active Forces**

### 15 **SEC. 401. END STRENGTHS FOR ACTIVE FORCES.**

16 The Armed Forces are authorized strengths for active  
17 duty personnel as of September 30, 2018, as follows:



1 (1) The Army, 483,500.

2 (2) The Navy, 327,900.

3 (3) The Marine Corps, 186,000.

4 (4) The Air Force, 325,100.

5 **SEC. 402. REVISIONS IN PERMANENT ACTIVE DUTY END**  
6 **STRENGTH MINIMUM LEVELS.**

7 Section 691(b) of title 10, United States Code, is  
8 amended by striking paragraphs (1) through (4) and in-  
9 serting the following new paragraphs:

10 “(1) For the Army, 483,500.

11 “(2) For the Navy, 327,900.

12 “(3) For the Marine Corps, 186,000.

13 “(4) For the Air Force, 325,100.”.

14 **Subtitle B—Reserve Forces**

15 **SEC. 411. END STRENGTHS FOR SELECTED RESERVE.**

16 (a) IN GENERAL.—The Armed Forces are authorized  
17 strengths for Selected Reserve personnel of the reserve  
18 components as of September 30, 2018, as follows:

19 (1) The Army National Guard of the United  
20 States, 343,500.

21 (2) The Army Reserve, 199,500.

22 (3) The Navy Reserve, 59,000.

23 (4) The Marine Corps Reserve, 38,500.

24 (5) The Air National Guard of the United  
25 States, 106,600.

1           (6) The Air Force Reserve, 69,800.

2           (7) The Coast Guard Reserve, 7,000.

3       (b) END STRENGTH REDUCTIONS.—The end  
4 strengths prescribed by subsection (a) for the Selected Re-  
5 serve of any reserve component shall be proportionately  
6 reduced by—

7           (1) the total authorized strength of units orga-  
8 nized to serve as units of the Selected Reserve of  
9 such component which are on active duty (other  
10 than for training) at the end of the fiscal year; and

11          (2) the total number of individual members not  
12 in units organized to serve as units of the Selected  
13 Reserve of such component who are on active duty  
14 (other than for training or for unsatisfactory partici-  
15 pation in training) without their consent at the end  
16 of the fiscal year.

17       (c) END STRENGTH INCREASES.—Whenever units or  
18 individual members of the Selected Reserve of any reserve  
19 component are released from active duty during any fiscal  
20 year, the end strength prescribed for such fiscal year for  
21 the Selected Reserve of such reserve component shall be  
22 increased proportionately by the total authorized strengths  
23 of such units and by the total number of such individual  
24 members.

1 **SEC. 412. END STRENGTHS FOR RESERVES ON ACTIVE**  
2 **DUTY IN SUPPORT OF THE RESERVES.**

3 Within the end strengths prescribed in section  
4 411(a), the reserve components of the Armed Forces are  
5 authorized, as of September 30, 2018, the following num-  
6 ber of Reserves to be serving on full-time active duty or  
7 full-time duty, in the case of members of the National  
8 Guard, for the purpose of organizing, administering, re-  
9 cruiting, instructing, or training the reserve components:

10 (1) The Army National Guard of the United  
11 States, 30,155.

12 (2) The Army Reserve, 16,261.

13 (3) The Navy Reserve, 10,101.

14 (4) The Marine Corps Reserve, 2,261.

15 (5) The Air National Guard of the United  
16 States, 16,260.

17 (6) The Air Force Reserve, 3,588.

18 **SEC. 413. END STRENGTHS FOR MILITARY TECHNICIANS**  
19 **(DUAL STATUS).**

20 The minimum number of military technicians (dual  
21 status) as of the last day of fiscal year 2018 for the re-  
22 serve components of the Army and the Air Force (notwith-  
23 standing section 129 of title 10, United States Code) shall  
24 be the following:

25 (1) For the Army National Guard of the United  
26 States, 22,294.

1 (2) For the Army Reserve, 6,492.

2 (3) For the Air National Guard of the United  
3 States, 19,135.

4 (4) For the Air Force Reserve, 8,880.

5 **SEC. 414. FISCAL YEAR 2018 LIMITATION ON NUMBER OF**  
6 **NON-DUAL STATUS TECHNICIANS.**

7 (a) LIMITATIONS.—

8 (1) NATIONAL GUARD.—The number of non-  
9 dual status technicians employed by the National  
10 Guard as of September 30, 2018, may not exceed  
11 the following:

12 (A) For the Army National Guard of the  
13 United States, 0.

14 (B) For the Air National Guard of the  
15 United States, 0.

16 (2) ARMY RESERVE.—The number of non-dual  
17 status technicians employed by the Army Reserve as  
18 of September 30, 2018, may not exceed 0.

19 (3) AIR FORCE RESERVE.—The number of non-  
20 dual status technicians employed by the Air Force  
21 Reserve as of September 30, 2018, may not exceed  
22 0.

23 (b) NON-DUAL STATUS TECHNICIANS DEFINED.—In  
24 this section, the term “non-dual status technician” has the

1 meaning given that term in section 10217(a) of title 10,  
2 United States Code.

3 **SEC. 415. MAXIMUM NUMBER OF RESERVE PERSONNEL AU-**  
4 **THORIZED TO BE ON ACTIVE DUTY FOR**  
5 **OPERATIONAL SUPPORT.**

6 During fiscal year 2018, the maximum number of  
7 members of the reserve components of the Armed Forces  
8 who may be serving at any time on full-time operational  
9 support duty under section 115(b) of title 10, United  
10 States Code, is the following:

11 (1) The Army National Guard of the United  
12 States, 17,000.

13 (2) The Army Reserve, 13,000.

14 (3) The Navy Reserve, 6,200.

15 (4) The Marine Corps Reserve, 3,000.

16 (5) The Air National Guard of the United  
17 States, 16,000.

18 (6) The Air Force Reserve, 14,000.

19 **SEC. 416. NUMBER OF MEMBERS OF THE NATIONAL GUARD**  
20 **ON FULL-TIME DUTY IN SUPPORT OF THE RE-**  
21 **SERVES WITHIN THE NATIONAL GUARD BU-**  
22 **REAU.**

23 (a) ARMY NATIONAL GUARD OF THE UNITED  
24 STATES.—As of the end of fiscal year 2019, and as of  
25 the end of each fiscal year thereafter, the number of mem-

1 bers of the Army National Guard of the United States  
2 serving with the National Guard Bureau on full-time duty  
3 for the purpose of organizing, administering, recruiting,  
4 instructing, or training the reserve components may not  
5 exceed the number equal to six percent of the total number  
6 of members of the Army National Guard of the United  
7 States authorized for service on full-time duty for that  
8 purpose in that fiscal year.

9 (b) AIR NATIONAL GUARD OF THE UNITED  
10 STATES.—As of the end of fiscal year 2019, and as of  
11 the end of each fiscal year thereafter, the number of mem-  
12 bers of the Air National Guard of the United States serv-  
13 ing with the National Guard Bureau on full-time duty for  
14 the purpose of organizing, administering, recruiting, in-  
15 structing, or training the reserve components may not ex-  
16 ceed the number equal to six percent of the total number  
17 of members of the Air National Guard of the United  
18 States authorized for service on full-time duty for that  
19 purpose in that fiscal year.

## 20 **Subtitle C—Authorization of** 21 **Appropriations**

### 22 **SEC. 421. MILITARY PERSONNEL.**

23 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds  
24 are hereby authorized to be appropriated for fiscal year  
25 2018 for the use of the Armed Forces and other activities

1 and agencies of the Department of Defense for expenses,  
2 not otherwise provided for, for military personnel, as spec-  
3 ified in the funding table in section 4401.

4 (b) CONSTRUCTION OF AUTHORIZATION.—The au-  
5 thorization of appropriations in subsection (a) supersedes  
6 any other authorization of appropriations (definite or in-  
7 definite) for such purpose for fiscal year 2018.

## 8 **TITLE V—MILITARY PERSONNEL** 9 **POLICY**

### Subtitle A—Officer Personnel Policy

- Sec. 501. Modification of deadline for submittal by officers of written communications to promotion selection boards on matters of importance to their selection.
- Sec. 502. Clarification to exception for removal of officers from list of officers recommended for promotion after 18 months without appointment.
- Sec. 503. Modification of requirement for specification of number of officers who may be recommended for early retirement by a Selective Early Retirement Board.
- Sec. 504. Extension of service-in-grade waiver authority for voluntary retirement of certain general and flag officers for purposes of enhanced flexibility in officer personnel management.
- Sec. 505. Inclusion of Principal Military Deputy to the Assistant Secretary of the Army for Acquisition, Technology, and Logistics among officers subject to repeal of statutory specification of general officer grade.
- Sec. 506. Clarification of effect of repeal of statutory specification of general or flag officer grade for various positions in the Armed Forces.
- Sec. 507. Standardization of authorities in connection with repeal of statutory specification of general officer grade for the Dean of the Academic Board of the United States Military Academy and the Dean of the Faculty of the United States Air Force Academy.
- Sec. 508. Flexibility in promotion of officers to positions of Staff Judge Advocate to the Commandant of the Marine Corps and Deputy Judge Advocate General of the Navy or Air Force.
- Sec. 509. Grandfathering of retired grade of Assistant Judge Advocates General of the Navy as of repeal of statutory specification of general and flag officers grades in the Armed Forces.

### Subtitle B—Reserve Component Management

- Sec. 511. Equal treatment of orders to serve on active duty under sections 12304a and 12304b of title 10, United States Code.

- Sec. 512. Service credit for cyberspace experience or advanced education upon original appointment as a commissioned officer.
- Sec. 513. Consolidation of authorities to order members of the reserve components of the Armed Forces to perform duty.
- Sec. 514. Pilot program on use of retired senior enlisted members of the Army National Guard as Army National Guard recruiters.

Subtitle C—General Service Authorities

PART I—MATTERS RELATING TO DISCHARGE AND CORRECTION OF  
MILITARY RECORDS

- Sec. 520. Consideration of additional medical evidence by Boards for the Correction of Military Records and liberal consideration of evidence relating to post-traumatic stress disorder or traumatic brain injury.
- Sec. 521. Public availability of information related to disposition of claims regarding discharge or release of members of the Armed Forces when the claims involve sexual assault.
- Sec. 522. Confidential review of characterization of terms of discharge of members who are victims of sex-related offenses.
- Sec. 523. Training requirements for members of boards for the correction of military records and personnel who investigate claims of retaliation.
- Sec. 524. Pilot program on use of video teleconferencing technology by boards for the correction of military records and discharge review boards.

PART II—OTHER GENERAL SERVICE AUTHORITIES

- Sec. 526. Modification of basis for extension of period for enlistment in the Armed Forces under the Delayed Entry Program.
- Sec. 527. Reauthorization of authority to order retired members to active duty in high-demand, low-density assignments.
- Sec. 528. Notification of members of the Armed Forces undergoing certain administrative separations of potential eligibility for veterans benefits.
- Sec. 529. Extension of authority of the Secretary of Veterans Affairs to provide for the conduct of medical disability examinations by contract physicians.
- Sec. 530. Provision of information on naturalization through military service.

Subtitle D—Military Justice and Other Legal Issues

- Sec. 531. Clarifying amendments related to the Uniform Code of Military Justice reform by the Military Justice Act of 2016.
- Sec. 532. Enhancement of effective prosecution and defense in courts-martial and related matters.
- Sec. 533. Punitive article under the Uniform Code of Military Justice on wrongful broadcast or distribution of intimate visual images or visual images of sexually explicit conduct.
- Sec. 534. Garnishment to satisfy judgment rendered for physically, sexually, or emotionally abusing a child.
- Sec. 535. Sexual assault prevention and response training for all individuals enlisted in the Armed Forces under a delayed entry program.
- Sec. 536. Special Victims' Counsel training regarding the unique challenges often faced by male victims of sexual assault.



- Sec. 537. Inclusion of information in annual SAPRO reports regarding military sexual harassment and incidents involving nonconsensual distribution of private sexual images.
- Sec. 538. Inclusion of information in annual SAPRO reports regarding sexual assaults committed by a member of the Armed Forces against the member's spouse or other family member.

Subtitle E—Member Education, Training, Resilience, and Transition

- Sec. 541. Element in preseparation counseling for members of the Armed Forces on assistance and support services for caregivers of certain veterans through the Department of Veterans Affairs.
- Sec. 542. Improved employment assistance for members of the Army, Navy, Air Force, and Marine Corps and veterans.
- Sec. 543. Limitation on release of military service academy graduates to participate in professional athletics.
- Sec. 544. Two-year extension of suicide prevention and resilience program for the National Guard and Reserves.
- Sec. 545. Annual certifications related to Ready, Relevant Learning initiative of the Navy.
- Sec. 546. Authority to expand eligibility for the United States Military Apprenticeship Program.
- Sec. 547. Limitation on availability of funds for attendance of Air Force enlisted personnel at Air Force officer professional military education in-residence courses.
- Sec. 548. Lieutenant Henry Ossian Flipper Leadership Scholarships.
- Sec. 549. Pilot programs on appointment in the excepted service in the Department of Defense of physically disqualified former cadets and midshipmen.

Subtitle F—Defense Dependents' Education and Military Family Readiness Matters

PART I—DEFENSE DEPENDENTS' EDUCATION MATTERS

- Sec. 551. Assistance to schools with military dependent students.
- Sec. 552. Transitions of military dependent students from Department of Defense dependent schools to other schools and among schools of local educational agencies.
- Sec. 553. Report on educational opportunities in science, technology, engineering, and mathematics for children who are dependents of members of the Armed Forces.

PART II—MILITARY FAMILY READINESS MATTERS

- Sec. 555. Codification of authority to conduct family support programs for immediate family members of members of the Armed Forces assigned to special operations forces.
- Sec. 556. Reimbursement for State licensure and certification costs of a spouse of a member of the Armed Forces arising from relocation to another State.
- Sec. 557. Temporary extension of extended period of protections for members of uniformed services relating to mortgages, mortgage foreclosure, and eviction.
- Sec. 558. Enhancing military childcare programs and activities of the Department of Defense.

- Sec. 559. Direct hire authority for Department of Defense for childcare services providers for Department child development centers.
- Sec. 560. Pilot program on public-private partnerships for telework facilities for military spouses on military installations outside the United States.

#### Subtitle G—Decorations and Awards

- Sec. 561. Authorization for award of the Medal of Honor to Garlin M. Conner for acts of valor during World War II.
- Sec. 562. Authorization for award of Distinguished-Service Cross to Specialist Frank M. Crary for acts of valor in Vietnam.

#### Subtitle H—Miscellaneous Reporting Requirements

- Sec. 571. Analysis and report on accompanied and unaccompanied tours of duty in remote locations with high family support costs.
- Sec. 572. Review and reports on policies for regular and reserve officer career management.
- Sec. 573. Review and report on effects of personnel requirements and limitations on the availability of members of the National Guard for the performance of funeral honors duty for veterans.
- Sec. 574. Review and report on authorities for the employment, use, and status of National Guard and Reserve technicians.
- Sec. 575. Assessment and report on expanding and contracting for childcare services of the Department of Defense.
- Sec. 576. Review and report on compensation provided childcare services providers of the Department of Defense.
- Sec. 577. Comptroller General of the United States assessment and report on the Office of Complex Investigations within the National Guard Bureau.
- Sec. 578. Modification of submittal date of Comptroller General of the United States report on integrity of the Department of Defense whistleblower program.

#### Subtitle I—Other Matters

- Sec. 581. Expansion of United States Air Force Institute of Technology enrollment authority to include civilian employees of the homeland security industry.
- Sec. 582. Conditional designation of Explosive Ordnance Disposal Corps as a basic branch of the Army.
- Sec. 583. Designation of office within Office of the Secretary of Defense to oversee use of food assistance programs by members of the Armed Forces on active duty.

1           **Subtitle A—Officer Personnel**  
2                           **Policy**

3   **SEC. 501. MODIFICATION OF DEADLINE FOR SUBMITTAL BY**  
4                   **OFFICERS OF WRITTEN COMMUNICATIONS**  
5                   **TO PROMOTION SELECTION BOARDS ON MAT-**  
6                   **TERS OF IMPORTANCE TO THEIR SELECTION.**

7           (a) OFFICERS ON ACTIVE-DUTY LIST.—Section  
8 614(b) of title 10, United States Code, is amended by  
9 striking “the day” and inserting “10 calendar days”.

10          (b) OFFICERS IN RESERVE ACTIVE-STATUS.—Sec-  
11 tion 14106 of title 10, United States Code, is amended  
12 in the second sentence by striking “the day” and inserting  
13 “10 calendar days”.

14          (c) APPLICATION OF AMENDMENTS.—The amend-  
15 ments made by this section shall apply with respect to pro-  
16 motion selection boards convened on or after the date of  
17 the enactment of this Act.

18   **SEC. 502. CLARIFICATION TO EXCEPTION FOR REMOVAL OF**  
19                   **OFFICERS FROM LIST OF OFFICERS REC-**  
20                   **OMMENDED FOR PROMOTION AFTER 18**  
21                   **MONTHS WITHOUT APPOINTMENT.**

22          Section 629(c)(3) of title 10, United States Code, is  
23 amended by striking “the Senate is not able to obtain the  
24 information necessary” and inserting “the military depart-

1 ment concerned is not able to obtain and provide to the  
2 Senate the information the Senate requires”.

3 **SEC. 503. MODIFICATION OF REQUIREMENT FOR SPECI-**  
4 **FICATION OF NUMBER OF OFFICERS WHO**  
5 **MAY BE RECOMMENDED FOR EARLY RETIRE-**  
6 **MENT BY A SELECTIVE EARLY RETIREMENT**  
7 **BOARD.**

8 Section 638a of title 10, United States Code, is  
9 amended—

10 (1) in subsection (c), by striking paragraph (1)  
11 and inserting the following new paragraph:

12 “(1) In the case of an action under subsection (b)(2),  
13 the total number of officers described in that subsection  
14 that a selection board convened under section 611(b) of  
15 this title pursuant to the authority of that subsection may  
16 recommend for early retirement may not be more than 30  
17 percent of the number of officers considered in each grade  
18 in each competitive category.”; and

19 (2) in subsection (d), by striking paragraph (2)  
20 and inserting the following new paragraph:

21 “(2) The total number of officers to be recommended  
22 for discharge by a selection board convened pursuant to  
23 subsection (b)(3) may not be more than 30 percent of the  
24 number of officers considered.”.

1 **SEC. 504. EXTENSION OF SERVICE-IN-GRADE WAIVER AU-**  
2 **THORITY FOR VOLUNTARY RETIREMENT OF**  
3 **CERTAIN GENERAL AND FLAG OFFICERS FOR**  
4 **PURPOSES OF ENHANCED FLEXIBILITY IN**  
5 **OFFICER PERSONNEL MANAGEMENT.**

6 Section 1370(a)(2)(G) of title 10, United States  
7 Code, is amended by striking “2017” and inserting  
8 “2025”.

9 **SEC. 505. INCLUSION OF PRINCIPAL MILITARY DEPUTY TO**  
10 **THE ASSISTANT SECRETARY OF THE ARMY**  
11 **FOR ACQUISITION, TECHNOLOGY, AND LOGIS-**  
12 **TICS AMONG OFFICERS SUBJECT TO REPEAL**  
13 **OF STATUTORY SPECIFICATION OF GENERAL**  
14 **OFFICER GRADE.**

15 Section 3016(b)(5)(B) of title 10, United States  
16 Code, is amended by striking “a lieutenant general” and  
17 inserting “an officer”.

18 **SEC. 506. CLARIFICATION OF EFFECT OF REPEAL OF STAT-**  
19 **UTORY SPECIFICATION OF GENERAL OR**  
20 **FLAG OFFICER GRADE FOR VARIOUS POSI-**  
21 **TIONS IN THE ARMED FORCES.**

22 (a) **RETENTION OF GRADE OF INCUMBENTS IN POSI-**  
23 **TIONS ON EFFECTIVE DATE.—**

24 (1) **IN GENERAL.—**Section 502 of the National  
25 Defense Authorization Act for Fiscal Year 2017

1 (Public Law 114–328; 130 Stat. 2102) is amended  
2 by adding at the end the following new subsection:

3 “(tt) RETENTION OF GRADE OF INCUMBENTS IN PO-  
4 SITIONS ON EFFECTIVE DATE.—The grade of service of  
5 an officer serving as of the date of the enactment of this  
6 Act in a position whose statutory grade is affected by an  
7 amendment made by this section may not be reduced after  
8 that date by reason of such amendment as long as the  
9 officer remains in continuous service in such position after  
10 that date.”.

11 (2) RETROACTIVE EFFECTIVE DATE.—The  
12 amendment made by paragraph (1) shall take effect  
13 as of December 23, 2016, and be treated as if in-  
14 cluded in the enactment of the National Defense Au-  
15 thorization Act for Fiscal Year 2017 (Public Law  
16 114–328).

17 (b) CLARIFYING AMENDMENT TO CHIEF OF VETERI-  
18 NARY CORPS OF THE ARMY REPEAL.—Section 3084 of  
19 title 10, United States Code, is amended by striking the  
20 last sentence.

1 **SEC. 507. STANDARDIZATION OF AUTHORITIES IN CONNEC-**  
2 **TION WITH REPEAL OF STATUTORY SPECI-**  
3 **FICATION OF GENERAL OFFICER GRADE FOR**  
4 **THE DEAN OF THE ACADEMIC BOARD OF THE**  
5 **UNITED STATES MILITARY ACADEMY AND**  
6 **THE DEAN OF THE FACULTY OF THE UNITED**  
7 **STATES AIR FORCE ACADEMY.**

8 (a) DEAN OF ACADEMIC BOARD OF MILITARY ACAD-  
9 EMY.—Section 4335(c) of title 10, United States Code,  
10 is amended—

11 (1) by striking the first and third sentences;  
12 and

13 (2) in the remaining sentence, by striking “so  
14 appointed” and inserting “appointed as Dean of the  
15 Academic Board”.

16 (b) DEAN OF FACULTY OF AIR FORCE ACADEMY.—  
17 Section 9335(b) of title 10, United States Code, is amend-  
18 ed by striking “so appointed” and inserting “appointed  
19 as Dean of the Faculty”.

1 **SEC. 508. FLEXIBILITY IN PROMOTION OF OFFICERS TO PO-**  
2 **SITIONS OF STAFF JUDGE ADVOCATE TO THE**  
3 **COMMANDANT OF THE MARINE CORPS AND**  
4 **DEPUTY JUDGE ADVOCATE GENERAL OF THE**  
5 **NAVY OR AIR FORCE.**

6 (a) STAFF JUDGE ADVOCATE TO COMMANDANT OF  
7 THE MARINE CORPS.—Section 5046(b) of title 10, United  
8 States Code, is amended—

9 (1) by inserting “(1)” after “(b)”; and

10 (2) by adding at the end the following new  
11 paragraph:

12 “(2) If the Secretary of the Navy elects to convene  
13 a selection board under section 611(a) of this title to con-  
14 sider eligible officers for selection to appointment as Staff  
15 Judge Advocate, the Secretary may, in connection with  
16 such consideration for selection—

17 “(A) treat any section in chapter 36 of this title  
18 referring to promotion to the next higher grade as  
19 if such section referred to promotion to a higher  
20 grade; and

21 “(B) waive section 619(a)(2) of this title if the  
22 Secretary determines that the needs of the Marine  
23 Corps require the waiver.”.

24 (b) DEPUTY JUDGE ADVOCATE GENERAL OF THE  
25 NAVY.—Section 5149(a) of title 10, United States Code,



1 is amended by adding at the end the following new para-  
2 graph:

3 “(3) If the Secretary of the Navy elects to convene  
4 a selection board under section 611(a) of this title to con-  
5 sider eligible officers for selection to appointment as Dep-  
6 uty Judge Advocate General, the Secretary may, in con-  
7 nection with such consideration for selection—

8 “(A) treat any section in chapter 36 of this title  
9 referring to promotion to the next higher grade as  
10 if such section referred to promotion to a higher  
11 grade; and

12 “(B) waive section 619(a)(2) of this title if the  
13 Secretary determines that the needs of the Navy re-  
14 quire the waiver.”.

15 (c) DEPUTY JUDGE ADVOCATE OF THE AIR  
16 FORCE.—Section 8037(e) of title 10, United States Code,  
17 is amended—

18 (1) by inserting “(1)” after “(e)”; and

19 (2) by adding at the end the following new  
20 paragraph:

21 “(2) If the Secretary of the Air Force elects to con-  
22 vene a selection board under section 611(a) of this title  
23 to consider eligible officers for selection to appointment  
24 as Deputy Judge Advocate General, the Secretary may,  
25 in connection with such consideration for selection—

1           “(A) treat any section in chapter 36 of this title  
2           referring to promotion to the next higher grade as  
3           if such section referred to promotion to a higher  
4           grade; and

5           “(B) waive section 619(a)(2) of this title if the  
6           Secretary determines that the needs of the Air Force  
7           require the waiver.”.

8 **SEC. 509. GRANDFATHERING OF RETIRED GRADE OF AS-**  
9                                   **SISTANT JUDGE ADVOCATES GENERAL OF**  
10                                  **THE NAVY AS OF REPEAL OF STATUTORY**  
11                                  **SPECIFICATION OF GENERAL AND FLAG OF-**  
12                                  **FICERS GRADES IN THE ARMED FORCES.**

13           (a) **IN GENERAL.**—Notwithstanding the amendments  
14 made by section 502(gg)(2) of the National Defense Au-  
15 thorization Act for Fiscal Year 2017 (Public Law 114–  
16 328; 130 Stat. 2105), an officer selected to hold a position  
17 specified in subsection (b) as of December 23, 2016, may  
18 be retired after that date in the grade of rear admiral  
19 (lower half) or brigadier general, as applicable, with the  
20 retired pay of such grade (unless entitled to higher pay  
21 under another provision of law).

22           (b) **SPECIFIED POSITIONS.**—Subsection (a) applies  
23 with respect to the Assistant Judge Advocates General of  
24 the Navy provided for by subsections (b) and (c) of section  
25 5149 of title 10, United States Code.

1       **Subtitle B—Reserve Component**  
2                               **Management**

3       **SEC. 511. EQUAL TREATMENT OF ORDERS TO SERVE ON AC-**  
4                               **TIVE DUTY UNDER SECTIONS 12304A AND**  
5                               **12304B OF TITLE 10, UNITED STATES CODE.**

6           (a) ELIGIBILITY OF RESERVE COMPONENT MEM-  
7       BERS FOR PRE-MOBILIZATION HEALTH CARE.—Section  
8       1074(d)(2) of title 10, United States Code, is amended  
9       by striking “in support of a contingency operation under”  
10      and inserting “under section 12304b of this title or”.

11          (b) ELIGIBILITY OF RESERVE COMPONENT MEM-  
12      BERS FOR TRANSITIONAL HEALTH CARE.—Section  
13      1145(a)(2)(B) of title 10, United States Code, is amended  
14      by striking “in support of a contingency operation” and  
15      inserting “under section 12304b of this title or a provision  
16      of law referred to in section 101(a)(13)(B) of this title”.

17      **SEC. 512. SERVICE CREDIT FOR CYBERSPACE EXPERIENCE**  
18                               **OR ADVANCED EDUCATION UPON ORIGINAL**  
19                               **APPOINTMENT AS A COMMISSIONED OFFI-**  
20                               **CER.**

21          (a) ORIGINAL APPOINTMENT AS A RESERVE OFFI-  
22      CER.—Section 12207 of title 10, United States Code, is  
23      amended—

24              (1) in subsection (a)(2), by inserting “or (e)”  
25      after “subsection (b)”;

1           (2) by redesignating subsections (e) and (f) as  
2           subsections (f) and (g), respectively;

3           (3) by inserting after subsection (d) the fol-  
4           lowing new subsection (e):

5           “(e)(1) Under regulations prescribed by the Secretary  
6 of Defense, if the Secretary of a military department de-  
7 termines that the number of commissioned officers with  
8 cyberspace-related experience or advanced education in re-  
9 serve active-status in an armed force under the jurisdic-  
10 tion of such Secretary is critically below the number need-  
11 ed, such Secretary may credit any person receiving an  
12 original appointment as a reserve commissioned officer  
13 with a period of constructive service for the following:

14           “(A) Special experience or training in a par-  
15           ticular cyberspace-related field if such experience or  
16           training is directly related to the operational needs  
17           of the armed force concerned.

18           “(B) Any period of advanced education in a  
19           cyberspace-related field beyond the baccalaureate de-  
20           gree level if such advanced education is directly re-  
21           lated to the operational needs of the armed force  
22           concerned.

23           “(2) Constructive service credited an officer under  
24 this subsection shall not exceed one year for each year of  
25 special experience, training, or advanced education, and

1 not more than three years total constructive service may  
2 be credited.

3 “(3) Constructive service credited an officer under  
4 this subsection is in addition to any service credited that  
5 officer under subsection (a) and shall be credited at the  
6 time of the original appointment of the officer.

7 “(4) The authority to award constructive service  
8 credit under this subsection expires on December 31,  
9 2023.”; and

10 (4) in subsection (f), as redesignated by para-  
11 graph (2), by striking “or (d)” and inserting “, (d),  
12 or (e)”.

13 (b) EXTENSION OF AUTHORITY IN CONNECTION  
14 WITH ORIGINAL APPOINTMENT OF REGULAR OFFI-  
15 CERS.—Section 533(g)(4) of title 10, United States Code,  
16 is amended by striking “December 31, 2018” and insert-  
17 ing “December 31, 2023”.

18 **SEC. 513. CONSOLIDATION OF AUTHORITIES TO ORDER**  
19 **MEMBERS OF THE RESERVE COMPONENTS**  
20 **OF THE ARMED FORCES TO PERFORM DUTY.**

21 Section 515 of the National Defense Authorization  
22 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.  
23 810) is amended—

24 (1) in the second sentence of subsection (b), by  
25 striking “such legislation as would be necessary to

1 amend titles 10, 14, 32, and 37 of the United States  
2 Code and other provisions of law in order to imple-  
3 ment the Secretary’s approach by October 1, 2018”  
4 and inserting “legislation implementing the alternate  
5 approach by April 30, 2019”; and

6 (2) by adding at the end the following new sub-  
7 section:

8 “(c) ATTRIBUTES OF ALTERNATE APPROACH.—The  
9 Secretary of Defense shall ensure the alternate approach  
10 described in subsection (b)—

11 “(1) reduces the number of statutory authori-  
12 ties by which members of the reserve components of  
13 the Armed Forces may be ordered to perform duty  
14 to not more than 8 statutory authorities grouped  
15 into 4 duty categories to which specific pay and ben-  
16 efits may be aligned, which categories shall in-  
17 clude—

18 “(A) one duty category that shall generally  
19 reflect active service performed in support of  
20 contingency type operations or other military  
21 actions in support of the commander of a com-  
22 batant command;

23 “(B) a second duty category that shall—

24 “(i) generally reflect active service not  
25 described in subparagraph (A); and

1           “(ii) consist of training, administra-  
2           tion, operational support, and full-time  
3           support of the reserve components;

4           “(C) a third duty category that shall—

5           “(i) generally reflect duty performed  
6           under direct military supervision while not  
7           in active service; and

8           “(ii) include duty characterized by  
9           partial-day service; and

10          “(D) a fourth duty category that shall—

11          “(i) generally reflect remote duty com-  
12          pleted while not under direct military su-  
13          pervision; and

14          “(ii) include completion of correspond-  
15          ence courses and telework;

16          “(2) distinguishes among duty performed under  
17          titles 10, 14, and 32, United States Code, and en-  
18          sures that the reasons the members of the reserve  
19          components are utilized under the statutory authori-  
20          ties which exist prior to the alternate approach are  
21          preserved and can be tracked as separate and dis-  
22          tinct purposes;

23          “(3) minimizes, to the maximum extent prac-  
24          ticable, disruptions in pay and benefits for members,  
25          and adheres to the principle that a member should

1 receive pay and benefits commensurate with the na-  
2 ture and performance of the member's duties;

3 “(4) ensures the Secretary has the flexibility to  
4 meet emerging requirements and to effectively man-  
5 age the force; and

6 “(5) aligns Department of Defense program-  
7 ming and budgeting to the types of duty members  
8 perform.”.

9 **SEC. 514. PILOT PROGRAM ON USE OF RETIRED SENIOR**  
10 **ENLISTED MEMBERS OF THE ARMY NA-**  
11 **TIONAL GUARD AS ARMY NATIONAL GUARD**  
12 **RECRUITERS.**

13 (a) **PILOT PROGRAM AUTHORIZED.**—The Secretary  
14 of the Army may carry out a pilot program for the Army  
15 National Guard under which retired senior enlisted mem-  
16 bers of the Army National Guard would serve as contract  
17 recruiters for the Army National Guard.

18 (b) **OBJECTIVES OF PILOT PROGRAM.**—The Sec-  
19 retary of the Army shall design any pilot program con-  
20 ducted under this section to determine the following:

21 (1) The feasibility and effectiveness of hiring  
22 retired senior enlisted members of the Army Na-  
23 tional Guard who have retired within the previous  
24 two years to serve as recruiters.



1           (2) The merits of hiring such retired senior en-  
2 listed members as contractors or as employees of the  
3 Department of Defense.

4           (3) The best method of providing a competitive  
5 compensation package for such retired senior en-  
6 listed members.

7           (4) The merits of requiring such retired senior  
8 enlisted members to wear a military uniform while  
9 performing recruiting duties under the pilot pro-  
10 gram.

11       (c) CONSULTATION.—In developing a pilot program  
12 under this section, the Secretary of the Army shall consult  
13 with the operators of a previous pilot program carried out  
14 by the Army involving the use of contract recruiters.

15       (d) COMMENCEMENT AND DURATION.—The Sec-  
16 retary of the Army may commence a pilot program under  
17 this section on or after January 1, 2018, and all activities  
18 under such a pilot program shall terminate no later than  
19 December 31, 2020.

20       (e) FUNDING SOURCE.—If a pilot program is con-  
21 ducted under this section, the Secretary of the Army shall  
22 use funds otherwise available for the National Guard Bu-  
23 reau to carry out the program.

24       (f) REPORTING REQUIREMENT.—If a pilot program  
25 is conducted under this section, the Secretary of the Army

1 shall submit to the Committees on Armed Services of the  
2 House of Representatives and the Senate a report con-  
3 taining an evaluation of the success of the pilot program,  
4 including the determinations described in subsection (b).  
5 The report shall be submitted not later than January 1,  
6 2019.

## 7 **Subtitle C—General Service** 8 **Authorities**

### 9 **PART I—MATTERS RELATING TO DISCHARGE** 10 **AND CORRECTION OF MILITARY RECORDS**

#### 11 **SEC. 520. CONSIDERATION OF ADDITIONAL MEDICAL EVI-** 12 **DENCE BY BOARDS FOR THE CORRECTION** 13 **OF MILITARY RECORDS AND LIBERAL CON-** 14 **SIDERATION OF EVIDENCE RELATING TO** 15 **POST-TRAUMATIC STRESS DISORDER OR** 16 **TRAUMATIC BRAIN INJURY.**

17 (a) IN GENERAL.—Section 1552 of title 10, United  
18 States Code, is amended—

19 (1) by redesignating subsections (h) and (i) as  
20 subsections (i) and (j), respectively; and

21 (2) by inserting after subsection (g) the fol-  
22 lowing new subsection (h):

23 “(h)(1) This subsection applies to a former member  
24 of the armed forces whose claim under this section for re-  
25 view of a discharge or dismissal is based in whole or in

1 part on matters relating to post-traumatic stress disorder  
2 or traumatic brain injury as supporting rationale, or as  
3 justification for priority consideration, and whose post-  
4 traumatic stress disorder or traumatic brain injury is re-  
5 lated to combat or military sexual trauma, as determined  
6 by the Secretary concerned.

7 “(2) In the case of a claimant described in paragraph  
8 (1), a board established under subsection (a)(1) shall—

9 “(A) review medical evidence of the Secretary  
10 of Veterans Affairs or a civilian health care provider  
11 that is presented by the claimant; and

12 “(B) review the claim with liberal consideration  
13 to the claimant that post-traumatic stress disorder  
14 or traumatic brain injury potentially contributed to  
15 the circumstances resulting in the discharge or dis-  
16 missal or to the original characterization of the  
17 claimant’s discharge or dismissal.”.

18 (b) CONFORMING AMENDMENT.—Section  
19 1553(d)(3)(A)(ii) of title 10, United States Code, is  
20 amended by striking “discharge of a lesser characteriza-  
21 tion” and inserting “discharge or dismissal or to the origi-  
22 nal characterization of the member’s discharge or dis-  
23 missal”.

1 **SEC. 521. PUBLIC AVAILABILITY OF INFORMATION RE-**  
2 **LATED TO DISPOSITION OF CLAIMS REGARD-**  
3 **ING DISCHARGE OR RELEASE OF MEMBERS**  
4 **OF THE ARMED FORCES WHEN THE CLAIMS**  
5 **INVOLVE SEXUAL ASSAULT.**

6 (a) **BOARDS FOR THE CORRECTION OF MILITARY**  
7 **RECORDS.**—Subsection (i) of section 1552 of title 10,  
8 United States Code, as redesignated by section 520(a)(1),  
9 is amended by adding at the end the following new para-  
10 graph:

11 “(4) The number and disposition of claims de-  
12 cided during the calendar quarter preceding the cal-  
13 endar quarter in which such information is made  
14 available in which sexual assault is alleged to have  
15 contributed, whether in whole or in part, to the  
16 original characterization of the discharge or release  
17 of the former member.”.

18 (b) **DISCHARGE REVIEW BOARDS.**—Section 1553(f)  
19 of title 10, United States Code, is amended by adding at  
20 the end the following new paragraph:

21 “(4) The number and disposition of claims de-  
22 cided during the calendar quarter preceding the cal-  
23 endar quarter in which such information is made  
24 available in which sexual assault is alleged to have  
25 contributed, whether in whole or in part, to the

1 original characterization of the discharge or release  
2 of the former member.”.

3 (c) CONFORMING AMENDMENTS.—

4 (1) BOARDS FOR THE CORRECTION OF MILI-  
5 TARY RECORDS.—Subsection (i) of section 1552 of  
6 title 10, United States Code, as redesignated by sec-  
7 tion 520(a)(1) and amended by subsection (a), is  
8 further amended—

9 (A) in paragraph (1), by striking “claim-  
10 ant” both places it appears and inserting  
11 “former member”;

12 (B) in paragraph (2), by striking “claim-  
13 ant” and inserting “former member”; and

14 (C) in paragraph (3), by striking “claim-  
15 ants” and inserting “former members”.

16 (2) DISCHARGE REVIEW BOARDS.—Section  
17 1553(f)(2) of title 10, United States Code, is  
18 amended by striking “claimant” and inserting  
19 “former member”.

20 **SEC. 522. CONFIDENTIAL REVIEW OF CHARACTERIZATION**  
21 **OF TERMS OF DISCHARGE OF MEMBERS WHO**  
22 **ARE VICTIMS OF SEX-RELATED OFFENSES.**

23 (a) CODIFICATION OF CURRENT CONFIDENTIAL  
24 PROCESS.—

1           (1) CODIFICATION.—Chapter 79 of title 10,  
2           United States Code, is amended by inserting after  
3           section 1554a a new section 1554b consisting of—

4                   (A) a heading as follows:

5           **“§ 1554b. Confidential review of characterization of**  
6                   **terms of discharge of members of the**  
7                   **armed forces who are victims of sex-re-**  
8                   **lated offenses”;** and

9                   (B) a text consisting of the text of section  
10           547 of the National Defense Authorization Act  
11           for Fiscal Year 2015 (Public Law 113–291; 10  
12           U.S.C. 1553 note).

13           (2) CLERICAL AMENDMENT.—The table of sec-  
14           tions at the beginning of chapter 79 of such title is  
15           amended by inserting after the item relating to sec-  
16           tion 1554a the following new item:

          “1554b. Confidential review of characterization of terms of discharge of mem-  
                  bers of the armed forces who are victims of sex-related of-  
                  fenses.”.

17           (3) CONFORMING REPEAL.—Section 547 of the  
18           National Defense Authorization Act for Fiscal Year  
19           2015 (Public Law 113–291; 10 U.S.C. 1553 note)  
20           is repealed.

21           (b) CLARIFICATION OF APPLICABILITY TO INDIVID-  
22           UALS WHO ALLEGE SEX-RELATED OFFENSES DURING  
23           MILITARY SERVICE.—Subsection (a) of section 1554b of  
24           title 10, United States Code, as added by subsection (a)

1 of this section, is amended by striking “sex-related of-  
2 fense” and inserting the following: “sex-related offense, or  
3 alleges that the individual was the victim of a sex-related  
4 offense,”.

5 (c) CONFORMING AMENDMENTS.—Section 1554b of  
6 title 10, United States Code, as added by subsection (a),  
7 is further amended—

8 (1) by striking “Armed Forces” each place it  
9 appears in subsections (a) and (b) and inserting  
10 “armed forces”;

11 (2) in subsection (a)—

12 (A) by striking “boards for the correction  
13 of military records of the military department  
14 concerned” and inserting “boards of the mili-  
15 tary department concerned established in ac-  
16 cordance with this chapter”; and

17 (B) by striking “such an offense” and in-  
18 serting “a sex-related offense”;

19 (3) in subsection (b), striking “boards for the  
20 correction of military records” in the matter pre-  
21 ceding paragraph (1) and inserting “boards of the  
22 military department concerned established in accord-  
23 ance with this chapter”; and

24 (4) in subsection (d)—

1 (B) in paragraph (1), by striking “title 10,  
2 United States Code” and inserting “this title”;  
3 and

4 (C) in paragraphs (2) and (3), by striking  
5 “such title” and inserting “this title”.



1 **SEC. 523. TRAINING REQUIREMENTS FOR MEMBERS OF**  
2 **BOARDS FOR THE CORRECTION OF MILITARY**  
3 **RECORDS AND PERSONNEL WHO INVES-**  
4 **TIGATE CLAIMS OF RETALIATION.**

5 (a) MEMBERS OF BOARDS FOR THE CORRECTION OF  
6 MILITARY RECORDS.—Section 534(c)(1) of the National  
7 Defense Authorization Act for Fiscal Year 2017 (Public  
8 Law 114–328; 10 U.S.C. 1552 note) is amended by add-  
9 ing at the end the following new sentence: “This cur-  
10 riculum shall also address the proper handling of claims  
11 in which a sex-related offense is alleged to have contrib-  
12 uted to the original characterization of the discharge or  
13 release of the claimant, including guidelines for the consid-  
14 eration of evidence substantiating such allegations in ac-  
15 cordance with the requirements of section 1554b(b) of title  
16 10, United States Code, as added by section 522 of the  
17 National Defense Authorization Act for Fiscal Year  
18 2018.”.

19 (b) DEPARTMENT OF DEFENSE PERSONNEL WHO  
20 INVESTIGATE CLAIMS OF RETALIATION.—Section 546(a)  
21 of the National Defense Authorization Act for Fiscal Year  
22 2017 (Public Law 114–328) is amended by striking “sec-  
23 tion.” and inserting “section, including guidelines for the  
24 consideration of evidence substantiating such allegations  
25 in accordance with the requirements of section 1554b(b)  
26 of title 10, United States Code, as added by section 522

1 of the National Defense Authorization Act for Fiscal Year  
2 2018.”.

3 **SEC. 524. PILOT PROGRAM ON USE OF VIDEO TELECONFER-**  
4 **ENCING TECHNOLOGY BY BOARDS FOR THE**  
5 **CORRECTION OF MILITARY RECORDS AND**  
6 **DISCHARGE REVIEW BOARDS.**

7 (a) PILOT PROGRAM AUTHORIZED.—The Secretary  
8 of Defense may carry out a pilot program under which  
9 boards for the correction of military records established  
10 under section 1552 of title 10, United States Code, and  
11 discharge review boards established under section 1553 of  
12 such title are authorized to utilize, in the performance of  
13 their duties, video teleconferencing technology, to the ex-  
14 tent such technology is reasonably available and tech-  
15 nically feasible.

16 (b) PURPOSE.—The purpose of the pilot program is  
17 to evaluate the feasibility and cost-effectiveness of utilizing  
18 video teleconferencing technology to allow persons who  
19 raise a claim before a board for the correction of military  
20 records, persons who request a review by a discharge re-  
21 view board, and witnesses who present evidence to such  
22 a board to appear before such a board without being phys-  
23 ically present.

24 (c) IMPLEMENTATION.—As part of the pilot program,  
25 the Secretary of Defense shall make funds available to de-

1 velop the capabilities of boards for the correction of mili-  
2 tary records and discharge review boards to effectively use  
3 video teleconferencing technology.

4 (d) **NO EXPANSION OF ELIGIBILITY.**—Nothing in the  
5 pilot program is intended to alter the eligibility criteria  
6 of persons who may raise a claim before a board for the  
7 correction of military records, request a review by a dis-  
8 charge review board, or present evidence to such a board.  
9 (e) **TERMINATION.**—The authority of the Secretary  
10 of Defense to carry out the pilot program shall terminate  
11 on December 31, 2020.

## 12 **PART II—OTHER GENERAL SERVICE**

### 13 **AUTHORITIES**

#### 14 **SEC. 526. MODIFICATION OF BASIS FOR EXTENSION OF PE-** 15 **RIOD FOR ENLISTMENT IN THE ARMED** 16 **FORCES UNDER THE DELAYED ENTRY PRO-** 17 **GRAM.**

18 Section 513(b) of title 10, United States Code, is  
19 amended—

20 (1) by redesignating paragraph (2) as para-  
21 graph (4) and, in such paragraph, by striking “para-  
22 graph (1)” and inserting “this subsection”;

23 (2) by designating the second sentence of para-  
24 graph (1) as paragraph (2) and indenting the left  
25 margin of such paragraph (2) two ems to the right;

1           (3) in paragraph (2), as so designated, by in-  
2           serting “described in paragraph (1)” after “the 365-  
3           day period”; and

4           (4) by inserting after paragraph (2), as so des-  
5           ignated, the following new paragraph (3):

6           “(3)(A) The Secretary concerned may extend by up  
7           to an additional 365 days the period of extension under  
8           paragraph (2) for a person who enlisted before October  
9           1, 2017, under section 504(b)(2) of this title if the Sec-  
10          retary determines that the period of extension under this  
11          paragraph is required for the performance of adequate  
12          background and security reviews of that person.

13          “(B) A person whose period of extension under para-  
14          graph (2) is extended under this paragraph shall undergo  
15          all security and suitability screening requirements and re-  
16          ceive a favorable military security suitability determina-  
17          tion before entering into service in a regular or reserve  
18          component. Screening priority shall be given to those per-  
19          sons who were enlisted for a military occupational spe-  
20          cialty that requires specialized language or medical skills  
21          that are vital to the national interest.

22          “(C) The authority to make an extension under this  
23          paragraph shall expire one year after the date of the en-  
24          actment of the National Defense Authorization Act for  
25          Fiscal Year 2018. The expiration of such authority shall

1 not effect the validity of any extension made in accordance  
2 with this paragraph on or before that date.”.

3 **SEC. 527. REAUTHORIZATION OF AUTHORITY TO ORDER**  
4 **RETIRED MEMBERS TO ACTIVE DUTY IN**  
5 **HIGH-DEMAND, LOW-DENSITY ASSIGNMENTS.**

6 Section 688a(f) of title 10, United States Code, is  
7 amended by striking “after December 31, 2011.” and in-  
8 serting “outside a period as follows:

9 “(1) The period beginning on December 2,  
10 2002, and ending on December 31, 2011.

11 “(2) The period beginning on the date of the  
12 enactment of the National Defense Authorization  
13 Act for Fiscal Year 2018 and ending on December  
14 31, 2022.”.

15 **SEC. 528. NOTIFICATION OF MEMBERS OF THE ARMED**  
16 **FORCES UNDERGOING CERTAIN ADMINIS-**  
17 **TRATIVE SEPARATIONS OF POTENTIAL ELIGI-**  
18 **BILITY FOR VETERANS BENEFITS.**

19 (a) NOTIFICATION REQUIRED.—A member of the  
20 Armed Forces who receives an administrative separation  
21 or mandatory discharge under conditions other than hon-  
22 orable shall be provided written notification that the mem-  
23 ber may petition the Veterans Benefits Administration of  
24 the Department of Veterans Affairs to receive, despite the  
25 characterization of the member’s service, certain benefits

1 under the laws administered by the Secretary of Veterans  
2 Affairs.

3 (b) DEADLINE FOR NOTIFICATION.—Notification  
4 under subsection (a) shall be provided to a member de-  
5 scribed in such subsection in conjunction with the mem-  
6 ber’s notification of the administrative separation or man-  
7 datory discharge or as soon thereafter as practicable.

8 **SEC. 529. EXTENSION OF AUTHORITY OF THE SECRETARY**  
9 **OF VETERANS AFFAIRS TO PROVIDE FOR THE**  
10 **CONDUCT OF MEDICAL DISABILITY EXAMINA-**  
11 **TIONS BY CONTRACT PHYSICIANS.**

12 Section 704(c) of the Veterans Benefits Act of 2003  
13 (Public Law 108–183; 38 U.S.C. 5101 note) is amended  
14 by striking “December 31, 2017” and inserting “Decem-  
15 ber 31, 2018”.

16 **SEC. 530. PROVISION OF INFORMATION ON NATURALIZA-**  
17 **TION THROUGH MILITARY SERVICE.**

18 The Secretary of Defense shall ensure that members  
19 of the Army, Navy, Air Force, and Marine Corps who are  
20 aliens lawfully admitted to the United States for perma-  
21 nent residence are informed of the availability of natu-  
22 ralization through service in the Armed Forces under sec-  
23 tion 328 of the Immigration and Nationality Act (8 U.S.C.  
24 1439) and the process by which to pursue naturalization.  
25 The Secretary shall ensure that resources are available to

1 assist qualified members of the Armed Forces to navigate  
2 the application and naturalization process.

3 **Subtitle D—Military Justice and**  
4 **Other Legal Issues**

5 **SEC. 531. CLARIFYING AMENDMENTS RELATED TO THE**  
6 **UNIFORM CODE OF MILITARY JUSTICE RE-**  
7 **FORM BY THE MILITARY JUSTICE ACT OF**  
8 **2016.**

9 (a) ENFORCEMENT OF RIGHTS OF VICTIMS OF OF-  
10 FENSES UNDER UCMJ.—Section 806b(e)(3) of title 10,  
11 United States Code (article 6b(e)(3) of the Uniform Code  
12 of Military Justice), is amended—

13 (1) by inserting “(A)” after “(3)”;

14 (2) by striking “President, and, to the extent  
15 practicable, shall have priority over all other pro-  
16 ceedings before the court.” and inserting the fol-  
17 lowing; “President, subject to section 830a of this  
18 title (article 30a).”; and

19 (3) by adding at the end the following new sub-  
20 paragraphs:

21 “(B) To the extent practicable, a petition for a writ  
22 of mandamus described in this subsection shall have pri-  
23 ority over all other proceedings before the Court of Crimi-  
24 nal Appeals.

1 “(C) Review of any decision of the Court of Criminal  
2 Appeals on a petition for a writ of mandamus described  
3 in this subsection shall have priority in the Court of Ap-  
4 peals for the Armed Forces, as determined under the rules  
5 of the Court of Appeals for the Armed Forces.”.

6 (b) REVIEW OF CERTAIN MATTERS BEFORE REFER-  
7 RAL OF CHARGES AND SPECIFICATIONS.—Subsection  
8 (a)(1) of section 830a of title 10, United States Code (ar-  
9 ticle 30a of the Uniform Code of Military Justice), as  
10 added by section 5202 of the Military Justice Act of 2016  
11 (division E of Public Law 114–328; 130 Stat. 2904), is  
12 amended—

13 (1) in the matter preceding subparagraph (A),  
14 by inserting “, or otherwise act on,” after “to re-  
15 view”; and

16 (2) by adding at the end the following new sub-  
17 paragraph:

18 “(D) Pre-referral matters under subsection (c)  
19 or (e) of section 806b of this title (article 6b).”.

20 (c) DEFENSE COUNSEL ASSISTANCE IN POST-TRIAL  
21 MATTERS FOR ACCUSED CONVICTED BY COURT-MAR-  
22 TIAL.—Section 838(c)(2) of title 10, United States Code  
23 (article 38(c)(2) of the Uniform Code of Military Justice),  
24 is amended by striking “section 860 of this title (article



1 60)” and inserting “section 860, 860a, or 860b of this  
2 title (article 60, 60a, or 60b)”.

3 (d) LIMITATION ON ACCEPTANCE OF PLEA AGREE-  
4 MENTS.—Section 853a of title 10, United States Code (ar-  
5 ticle 53a of the Uniform Code of Military Justice), as  
6 added by section 5237 of the Military Justice Act of 2016  
7 (division E of Public Law 114–328; 130 Stat. 2917), is  
8 amended—

9 (1) in subsection (b)—

10 (A) in paragraph (2), by striking “or”  
11 after the semicolon;

12 (B) in paragraph (3), by striking the pe-  
13 riod and inserting a semicolon; and

14 (C) by adding at the end the following new  
15 paragraphs:

16 “(4) is prohibited by law; or

17 “(5) is contrary to, or is inconsistent with, a  
18 regulation prescribed by the President with respect  
19 to terms, conditions, or other aspects of plea agree-  
20 ments.”; and

21 (2) in subsection (d), by striking “shall bind the  
22 parties and the military judge” and inserting “shall  
23 bind the parties and the court-martial”.

24 (e) APPLICABILITY OF STANDARDS AND PROCE-  
25 DURES TO SENTENCE APPEAL BY THE UNITED

1 STATES.—Subsection (d)(1) of section 856 of title 10,  
2 United States Code (article 56 of the Uniform Code of  
3 Military Justice), as added by section 5301 of the Military  
4 Justice Act of 2016 (division E of Public Law 114–328;  
5 130 Stat. 2919), is amended—

6 (1) in the matter preceding subparagraph (A),  
7 by inserting after “concerned,” the following: “and  
8 consistent with standards and procedures set forth  
9 in regulations prescribed by the President,”; and

10 (2) in subparagraph (B), by inserting before  
11 the period at the end the following: “, as determined  
12 in accordance with standards and procedures pre-  
13 scribed by the President”.

14 (f) SENTENCE OF REDUCTION IN ENLISTED  
15 GRADE.—

16 (1) IN GENERAL.—Subsection (a) of section  
17 858a of title 10, United States Code (article 58a of  
18 the Uniform Code of Military Justice), as amended  
19 by section 5303(1) of the Military Justice Act of  
20 2016 (division E of Public Law 114–328; 130 Stat.  
21 2923), is further amended in the matter after para-  
22 graph (3) by striking “, effective on the date” and  
23 inserting the following: “, if such a reduction is au-  
24 thorized by regulation prescribed by the President.

1 The reduction in pay grade shall take effect on the  
2 date”.

3 (2) SECTION HEADING.—The heading of section  
4 858a of title 10, United States Code (article 58a of  
5 the Uniform Code of Military Justice), is amended  
6 to read as follows:

7 **“§ 858a. Art. 58a. Sentences: reduction in enlisted**  
8 **grade”.**

9 (3) CLERICAL AMENDMENT.—The table of sec-  
10 tions at the beginning of subchapter VIII of chapter  
11 47 of title 10, United States Code (the Uniform  
12 Code of Military Justice), is amended by striking the  
13 item relating to section 858a (article 58a) and in-  
14 serting the following new item:

“858a. 58a. Sentences: reduction in enlisted grade.”.

15 (g) CONVENING AUTHORITY AUTHORITIES.—Section  
16 858b(b) of title 10, United States Code (article 58b(b) of  
17 the Uniform Code of Military Justice), is amended in the  
18 first sentence by striking “section 860 of this title (article  
19 60)” and inserting “section 860a or 860b of this title (ar-  
20 ticle 60a or 60b)”.

21 (h) APPEAL BY THE UNITED STATES.—Section  
22 862(b) of title 10, United States Code (article 62(b) of  
23 the Uniform Code of Military Justice), is amended by  
24 striking “, notwithstanding section 866(c) of this title (ar-  
25 ticle 66(c))”.

1 (i) REHEARING AND SENTENCING.—Subsection (b)  
2 of section 863 of title 10, United States Code (article 63  
3 of the Uniform Code of Military Justice), as added by sec-  
4 tion 5327 of the Military Justice Act of 2016 (division  
5 E of Public Law 114–328; 130 Stat. 2929), is amended  
6 by inserting before the period at the end the following:  
7 “, subject to such limitations as the President may pre-  
8 scribe by regulation”.

9 (j) COURTS OF CRIMINAL APPEALS.—Section 866 of  
10 title 10, United States Code (article 66 of the Uniform  
11 Code of Military Justice), as amended by section 5330 of  
12 the Military Justice Act of 2016 (division E of Public Law  
13 114–328; 130 Stat. 2932), is further amended—

14 (1) in subsection (e)(2)(C), by inserting after  
15 “required” the following: “by regulation prescribed  
16 by the President or”; and

17 (2) in subsection (f)(3)—

18 (A) by inserting “of Criminal Appeals”  
19 after “Court” the first time it appears; and

20 (B) by adding at the end the following new  
21 sentence: “If the Court of Appeals for the  
22 Armed Forces determines that additional pro-  
23 ceedings are warranted, the Court of Criminal  
24 Appeals shall order a hearing or other pro-

1           ceeding in accordance with the direction of the  
2           Court of Appeals for the Armed Forces.”.

3           (k) **MILITARY JUSTICE REVIEW PANEL.**—Subsection  
4 (f) of section 946 of title 10, United States Code (article  
5 146 of the Uniform Code of Military Justice), as added  
6 by section 5521 of the Military Justice Act of 2016 (divi-  
7 sion E of Public Law 114–328; 130 Stat. 2962), is  
8 amended—

9           (1) in paragraph (1), by striking “fiscal year  
10 2020” in the first sentence and inserting “fiscal  
11 year 2021”;

12           (2) in paragraph (2), by striking the sentence  
13 beginning “Not later than” and inserting the fol-  
14 lowing new sentence: “The analysis under this para-  
15 graph shall be included in the assessment required  
16 by paragraph (1).”; and

17           (3) by striking paragraph (5) and inserting the  
18 following new paragraph (5):

19           “(5) **REPORTS.**—With respect to each review  
20 and assessment under this subsection, the Panel  
21 shall submit a report to the Committees on Armed  
22 Services of the Senate and the House of Representa-  
23 tives. Each report—

24           “(A) shall set forth the results of the re-  
25 view and assessment concerned, including the

1 findings and recommendations of the Panel;  
2 and

3 “(B) shall be submitted not later than De-  
4 cember 31 of the calendar year in which the re-  
5 view and assessment is concluded.”.

6 (l) TRANSITIONAL COMPENSATION FOR DEPEND-  
7 ENTS OF MEMBERS SEPARATED FOR DEPENDENT  
8 ABUSE.—Section 1059(e) of title 10, United States Code,  
9 is amended—

10 (1) in paragraph (1)(A)(ii), by striking “the ap-  
11 proval of” and all that follows through “as ap-  
12 proved,” and inserting “entry of judgment under  
13 section 860c of this title (article 60c of the Uniform  
14 Code of Military Justice) if the sentence”; and

15 (2) in paragraph (3)(A), by striking “by a  
16 court-martial” the second place it appears and all  
17 that follows through “include any such punishment,”  
18 and inserting “for a dependent-abuse offense and  
19 the conviction is disapproved or is otherwise not part  
20 of the judgment under section 860c of this title (ar-  
21 ticle 60c of the Uniform Code of Military Justice) or  
22 the punishment is disapproved or is otherwise not  
23 part of the judgment under such section (article),”.

24 (m) BENEFITS FOR DEPENDENTS WHO ARE VIC-  
25 TIMS OF ABUSE BY MEMBERS LOSING RIGHT TO RE-

1 TIRED PAY.—Section 1408(h)(10)(A) of title 10, United  
2 States Code, is amended by striking “the approval” and  
3 all that follows through the end of the subparagraph and  
4 inserting “entry of judgment under section 860c of this  
5 title (article 60c of the Uniform Code of Military Jus-  
6 tice).”.

7 (n) TREATMENT OF CERTAIN OFFENSES PENDING  
8 EXECUTION OF MILITARY JUSTICE ACT OF 2016 AMEND-  
9 MENTS.—

10 (1) APPLICABILITY TO CERTAIN CASES.—Sec-  
11 tion 5542(c)(1) of the Military Justice Act of 2016  
12 (division E of Public Law 114–328; 130 Stat. 2967)  
13 is amended by inserting after “shall apply to a case  
14 in which” the following: “a specification alleges the  
15 commission, before the effective date of such amend-  
16 ments, of one or more offenses or to a case in  
17 which”.

18 (2) CHILD ABUSE OFFENSES.—With respect to  
19 offenses committed before the date designated by the  
20 President under section 5542(a) of the Military Jus-  
21 tice Act of 2016 (division E of Public Law 114–328;  
22 130 Stat. 2967), subsection (b)(2)(B) of section 843  
23 of title 10, United States Code (article 43 of the  
24 Uniform Code of Military Justice), shall be applied  
25 as in effect on December 22, 2016.

1           (3) FRAUDULENT ENLISTMENT OR APPOINT-  
2           MENT OFFENSES.—With respect to the period begin-  
3           ning on December 23, 2016, and ending on the day  
4           before the date designated by the President under  
5           section 5542(a) of the Military Justice Act of 2016  
6           (division E of Public Law 114–328; 130 Stat.  
7           2967), in the application of subsection (h) of section  
8           843 of title 10, United States Code (article 43 of the  
9           Uniform Code of Military Justice), as added by sec-  
10          tion 5225(b) of that Act (130 Stat. 2909), the ref-  
11          erence in such subsection (h) to section 904a(1) of  
12          title 10, United States Code (article 104a(1) of the  
13          Uniform Code of Military Justice), shall be deemed  
14          to be a reference to section 883(1) of title 10,  
15          United States Code (article 83(1) of the Uniform  
16          Code of Military Justice).

17          (o) SENTENCING IN CERTAIN TRANSITIONAL  
18          CASES.—

19                (1) IN GENERAL.—In any transition-period  
20                court-martial, the relevant sentencing sections of  
21                chapter 47 of title 10, United States Code (the Uni-  
22                form Code of Military Justice), shall be applied as  
23                follows:

24                        (A) Except as provided in subparagraph

25                        (B), the relevant sentencing sections shall be



1 applied as if the amendments to such sections  
2 made by the Military Justice Act of 2016 (divi-  
3 sion E of Public Law 114–328) and this section  
4 had not been enacted.

5 (B) If the accused so requests, the relevant  
6 sentencing sections shall be applied as amended  
7 by the Military Justice Act of 2016 (division E  
8 of Public Law 114–328) and this section.

9 (2) DEFINITIONS.—In this subsection:

10 (A) TRANSITION-PERIOD COURT-MAR-  
11 TIAL.—The term “transition-period court-mar-  
12 tial” means a court-martial under chapter 47 of  
13 title 10, United States Code (the Uniform Code  
14 of Military Justice), that consists of both of the  
15 following:

16 (i) A prosecution of one or more of-  
17 fenses committed before the date des-  
18 ignated by the President under section  
19 5542(a) of the Military Justice Act of  
20 2016 (division E of Public Law 114–328;  
21 130 Stat. 2967).

22 (ii) A prosecution of one or more of-  
23 fenses committed on or after that date.

24 (B) RELEVANT SENTENCING SECTIONS.—  
25 The term “relevant sentencing sections” means

1 section 856 of title 10, United States Code (ar-  
2 ticle 56 of the Uniform Code of Military Jus-  
3 tice), and any other sections (articles) of chap-  
4 ter 47 of title 10, United States Code (the Uni-  
5 form Code of Military Justice), that, by regula-  
6 tion prescribed by the President, are designated  
7 as relevant to sentencing for the purposes of  
8 paragraph (1).

9 (p) **EFFECTIVE DATE.**—The amendments made by  
10 this section shall take effect immediately after the amend-  
11 ments made by the Military Justice Act of 2016 (division  
12 E of Public Law 114–328) take effect as provided for in  
13 section 5542 of that Act (130 Stat. 2967).

14 **SEC. 532. ENHANCEMENT OF EFFECTIVE PROSECUTION**  
15 **AND DEFENSE IN COURTS-MARTIAL AND RE-**  
16 **LATED MATTERS.**

17 (a) **ADDITIONAL ELEMENT IN PROGRAM FOR EFFEC-**  
18 **TIVE PROSECUTION AND DEFENSE.**—Section 542(a)(1) of  
19 the National Defense Authorization Act for Fiscal Year  
20 2017 (Public Law 114–328; 10 U.S.C. 827 note) is  
21 amended by inserting before the semicolon the following:  
22 “or there is adequate supervision and oversight of trial  
23 counsel and defense counsel so detailed to ensure effective  
24 prosecution and defense in the court-martial”.

1 (b) USE OF CIVILIAN EMPLOYEES TO ADVISE LESS  
2 EXPERIENCED JUDGE ADVOCATES IN PROSECUTION AND  
3 DEFENSE.—Section 542 of the National Defense Author-  
4 ization Act for Fiscal Year 2017 (Public Law 114–328;  
5 10 U.S.C. 827 note) is further amended—

6 (1) by redesignating subsections (c) and (d) as  
7 subsections (d) and (e), respectively; and

8 (2) by inserting after subsection (b) the fol-  
9 lowing new subsection (c):

10 “(c) USE OF CIVILIAN EMPLOYEES TO ADVISE LESS  
11 EXPERIENCED JUDGE ADVOCATES IN PROSECUTION AND  
12 DEFENSE.—The Secretary concerned may use highly  
13 qualified experts and other civilian employees who are  
14 under the jurisdiction of the Secretary concerned, are  
15 available, and are experienced in the prosecution or de-  
16 fense of complex criminal cases to provide assistance to,  
17 and consult with, less experienced judge advocates  
18 throughout the court-martial process.”.

19 (c) PILOT PROGRAMS ON PROFESSIONAL DEVELOP-  
20 MENTAL PROCESS FOR JUDGE ADVOCATES.—Subsection  
21 (d) of section 542 of the National Defense Authorization  
22 Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.  
23 827 note), as redesignated by subsection (b)(1) of this sec-  
24 tion, is amended—

1           (1) in paragraph (1), by striking “establishing”  
2           and all that follows and inserting “a military justice  
3           career track for judge advocates under the jurisdic-  
4           tion of the Secretary.”;

5           (2) by redesignating paragraph (4) as para-  
6           graph (5); and

7           (3) by inserting after paragraph (3) the fol-  
8           lowing new paragraph (4):

9           “(4) ELEMENTS.—Each pilot program shall in-  
10          clude the following:

11           “(A) A military justice career track for  
12          judge advocates that leads to judge advocates  
13          with military justice expertise in the grade of  
14          colonel, or in the grade of captain in the case  
15          of judge advocates of the Navy.

16           “(B) The use of skill identifiers to identify  
17          judge advocates for participation in the pilot  
18          program from among judge advocates having  
19          appropriate skill and experience in military jus-  
20          tice matters.

21           “(C) Guidance for promotion boards con-  
22          sidering the selection for promotion of officers  
23          participating in the pilot program in order to  
24          ensure that judge advocates who are partici-  
25          pating in the pilot program have the same op-

1 portunity for promotion as all other judge advo-  
2 cate officers being considered for promotion by  
3 such boards.

4 “(D) Such other matters as the Secretary  
5 concerned considers appropriate.”.

6 **SEC. 533. PUNITIVE ARTICLE UNDER THE UNIFORM CODE**  
7 **OF MILITARY JUSTICE ON WRONGFUL**  
8 **BROADCAST OR DISTRIBUTION OF INTIMATE**  
9 **VISUAL IMAGES OR VISUAL IMAGES OF SEXU-**  
10 **ALLY EXPLICIT CONDUCT.**

11 (a) PROHIBITION.—Subchapter X of chapter 47 of  
12 title 10, United States Code, is amended by inserting after  
13 section 917 (article 117 of the Uniform Code of Military  
14 Justice) the following new section (article):

15 **“§ 917a. Art. 117a. Wrongful broadcast or distribution**  
16 **of intimate visual images**

17 “(a) PROHIBITION.—Any person subject to this chap-  
18 ter—

19 “(1) who knowingly and wrongfully broadcasts  
20 or distributes an intimate visual image of another  
21 person or a visual image of sexually explicit conduct  
22 involving a person who—

23 “(A) is at least 18 years of age at the time  
24 the intimate visual image or visual image of  
25 sexually explicit conduct was created;

1           “(B) is identifiable from the intimate vis-  
2           ual image or visual image of sexually explicit  
3           conduct itself, or from information displayed in  
4           connection with the intimate visual image or  
5           visual image of sexually explicit conduct; and

6           “(C) does not explicitly consent to the  
7           broadcast or distribution of the intimate visual  
8           image or visual image of sexually explicit con-  
9           duct;

10          “(2) who knows or reasonably should have  
11          known that the intimate visual image or visual  
12          image of sexually explicit conduct was made under  
13          circumstances in which the person depicted in the  
14          intimate visual image or visual image of sexually ex-  
15          plicit conduct retained a reasonable expectation of  
16          privacy regarding any broadcast or distribution of  
17          the intimate visual image or visual image of sexually  
18          explicit conduct;

19          “(3) who knows or reasonably should have  
20          known that the broadcast or distribution of the inti-  
21          mate visual image or visual image of sexually explicit  
22          conduct is likely—

23                 “(A) to cause harm, harassment, intimidati-  
24                 on, emotional distress, or financial loss for the

1 person depicted in the intimate visual image or  
2 visual image of sexually explicit conduct; or

3 “(B) to harm substantially the depicted  
4 person with respect to that person’s health,  
5 safety, business, calling, career, financial condi-  
6 tion, reputation, or personal relationships; and

7 “(4) whose conduct, under the circumstances,  
8 had a reasonably direct and palpable connection to  
9 a military mission or military environment,  
10 is guilty of wrongful distribution of intimate visual images  
11 or visual images of sexually explicit conduct and shall be  
12 punished as a court-martial may direct.

13 “(b) DEFINITIONS.—In this section:

14 “(1) BROADCAST.—The term ‘broadcast’ means  
15 to electronically transmit a visual image with the in-  
16 tent that it be viewed by a person or persons.

17 “(2) DISTRIBUTE.—The term ‘distribute’  
18 means to deliver to the actual or constructive posses-  
19 sion of another person, including transmission by  
20 mail or electronic means.

21 “(3) INTIMATE VISUAL IMAGE.—The term ‘inti-  
22 mate visual image’ means a visual image that de-  
23 picts a private area of a person.

1           “(4) PRIVATE AREA.—The term ‘private area’  
2 means the naked or underwear-clad genitalia, anus,  
3 buttocks, or female areola or nipple.

4           “(5) REASONABLE EXPECTATION OF PRI-  
5 VACY.—The term ‘reasonable expectation of privacy’  
6 means circumstances in which a reasonable person  
7 would believe that a private area of the person, or  
8 sexually explicit conduct involving the person, would  
9 not be visible to the public.

10           “(6) SEXUALLY EXPLICIT CONDUCT.—The term  
11 ‘sexually explicit conduct’ means actual or simulated  
12 genital-genital contact, oral-genital contact, anal-  
13 genital contact, or oral-anal contact, whether be-  
14 tween persons of the same or opposite sex, bestiality,  
15 masturbation, or sadistic or masochistic abuse.

16           “(7) VISUAL IMAGE.—The term ‘visual image’  
17 means the following:

18           “(A) Any developed or undeveloped photo-  
19 graph, picture, film, or video.

20           “(B) Any digital or computer image, pic-  
21 ture, film, or video made by any means, includ-  
22 ing those transmitted by any means, including  
23 streaming media, even if not stored in a perma-  
24 nent format.



1                   “(C) Any digital or electronic data capable  
2                   of conversion into a visual image.”.

3           (b) CLERICAL AMENDMENT.—The table of sections  
4 at the beginning of subchapter X of chapter 47 of title  
5 10, United States Code (the Uniform Code of Military  
6 Justice), is amended by inserting after the item relating  
7 to section 917 (article 117) the following new item:

          “917a. 117a. Wrongful broadcast or distribution of intimate visual images.”.

8 **SEC. 534. GARNISHMENT TO SATISFY JUDGMENT REN-**  
9                   **DERED FOR PHYSICALLY, SEXUALLY, OR**  
10                   **EMOTIONALLY ABUSING A CHILD.**

11           (a) GARNISHMENT AUTHORITY.—Section 1408 of  
12 title 10, United States Code, is amended by adding at the  
13 end the following new subsection:

14           “(1) GARNISHMENT TO SATISFY A JUDGMENT REN-  
15 DERED FOR PHYSICALLY, SEXUALLY, OR EMOTIONALLY  
16 ABUSING A CHILD.—(1) Subject to paragraph (2), any  
17 payment of retired pay that would otherwise be made to  
18 a member shall be paid (in whole or in part) by the Sec-  
19 retary concerned to another person if and to the extent  
20 expressly provided for in the terms of a child abuse gar-  
21 nishment order.

22           “(2) A court order providing for the payment of child  
23 support or alimony or, with respect to a division of prop-  
24 erty, specifically providing for the payment of an amount  
25 of the disposable retired pay from a member to the spouse

1 or a former spouse of the member, shall be given priority  
2 over a child abuse garnishment order. The total amount  
3 of the disposable retired pay of a member payable under  
4 a child abuse garnishment order shall not exceed 25 per-  
5 cent of the member's disposable retired pay.

6 “(3) In this subsection, the term ‘court order’ in-  
7 cludes a child abuse garnishment order.

8 “(4) In this subsection, the term ‘child abuse garnish-  
9 ment order’ means a final decree issued by a court that—  
10 “(A) is issued in accordance with the laws of  
11 the jurisdiction of that court; and

12 “(B) provides in the nature of garnishment for  
13 the enforcement of a judgment rendered against the  
14 member for physically, sexually, or emotionally abus-  
15 ing a child.

16 “(5) For purposes of this subsection, a judgment ren-  
17 dered for physically, sexually, or emotionally abusing a  
18 child is any legal claim perfected through a final enforce-  
19 able judgment, which claim is based in whole or in part  
20 upon the physical, sexual, or emotional abuse of an indi-  
21 vidual under 18 years of age, whether or not that abuse  
22 is accompanied by other actionable wrongdoing, such as  
23 sexual exploitation or gross negligence.

24 “(6) If the Secretary concerned is served with more  
25 than one court order with respect to the retired pay of

1 a member, the disposable retired pay of the member shall  
2 be available to satisfy such court orders on a first-come,  
3 first-served basis, subject to the order of precedence speci-  
4 fied in paragraph (2), with any such process being satis-  
5 fied out of such monies as remain after the satisfaction  
6 of all such processes which have been previously served.

7 “(7) The Secretary concerned shall not be required  
8 to vary normal pay and disbursement cycles for retired  
9 pay in order to comply with a child abuse garnishment  
10 order.”.

11 (b) APPLICATION OF AMENDMENT.—Subsection (l)  
12 of section 1408 of title 10, United States Code, as added  
13 by subsection (a), shall apply with respect to a court order  
14 received by the Secretary concerned on or after the date  
15 of the enactment of this Act, regardless of the date of the  
16 court order.

17 **SEC. 535. SEXUAL ASSAULT PREVENTION AND RESPONSE**  
18 **TRAINING FOR ALL INDIVIDUALS ENLISTED**  
19 **IN THE ARMED FORCES UNDER A DELAYED**  
20 **ENTRY PROGRAM.**

21 (a) TRAINING REQUIRED.—Commencing not later  
22 than 180 days after the date of the enactment of this Act,  
23 each Secretary concerned shall, insofar as practicable, pro-  
24 vide training on sexual assault prevention and response  
25 to each individual under the jurisdiction of such Secretary

1 who is enlisted in the Armed Forces under a delayed entry  
2 program such that each such individual completes such  
3 training before the date of commencement of basic train-  
4 ing or initial active duty for training in the Armed Forces.

5 (b) TRAINING ELEMENTS.—The training provided  
6 pursuant to subsection (a)—

7 (1) shall, to the extent practicable, be uniform  
8 across the Armed Forces;

9 (2) should be provided through in-person in-  
10 struction, whenever possible;

11 (3) should include instruction on the proper use  
12 of social media; and

13 (4) shall meet such other requirements as the  
14 Secretary of Defense may establish.

15 (c) DEFINITIONS.—In this section:

16 (1) The term “delayed entry program” means  
17 the following:

18 (A) The Future Soldiers Program of the  
19 Army.

20 (B) The Delayed Entry Program of the  
21 Navy and the Marine Corps.

22 (C) The program of the Air Force for the  
23 delayed entry of enlistees into the Air Force.

1 (D) The program of the Coast Guard for  
2 the delayed entry of enlistees into the Coast  
3 Guard.

4 (E) Any successor program to a program  
5 referred to in subparagraphs (A) through (D).

6 (2) The term “Secretary concerned” has the  
7 meaning given that term in section 101(a)(9) of title  
8 10, United States Code.

9 **SEC. 536. SPECIAL VICTIMS’ COUNSEL TRAINING REGARD-**  
10 **ING THE UNIQUE CHALLENGES OFTEN**  
11 **FACED BY MALE VICTIMS OF SEXUAL AS-**  
12 **SAULT.**

13 The baseline Special Victims’ Counsel training estab-  
14 lished under section 1044e(d)(2) of title 10, United States  
15 Code, shall include training for Special Victims’ Counsel  
16 to recognize and deal with the unique challenges often  
17 faced by male victims of sexual assault.

18 **SEC. 537. INCLUSION OF INFORMATION IN ANNUAL SAPRO**  
19 **REPORTS REGARDING MILITARY SEXUAL**  
20 **HARASSMENT AND INCIDENTS INVOLVING**  
21 **NONCONSENSUAL DISTRIBUTION OF PRI-**  
22 **VATE SEXUAL IMAGES.**

23 (a) **ADDITIONAL REPORTING REQUIREMENTS.**—Sec-  
24 tion 1631(b) of the Ike Skelton National Defense Author-  
25 ization Act for Fiscal Year 2011 (Public Law 111–383;

1 10 U.S.C. 1561 note) is amended by adding at the end  
2 the following new paragraphs:

3 “(13) Information and data collected through  
4 formal and informal reports of sexual harassment in-  
5 volving members of the Armed Forces during the  
6 year covered by the report, as follows:

7 “(A) The number of substantiated and un-  
8 substantiated reports.

9 “(B) A synopsis of each substantiated re-  
10 port.

11 “(C) The action taken in the case of each  
12 substantiated report, including the type of dis-  
13 ciplinary or administrative sanction imposed, if  
14 any, such as—

15 “(i) conviction and sentence by court-  
16 martial;

17 “(ii) imposition of non-judicial punish-  
18 ment under section 815 of title 10, United  
19 States Code (article 15 of the Uniform  
20 Code of Military Justice); or

21 “(iii) administrative separation or  
22 other type of administrative action im-  
23 posed.

24 “(14) Information and data collected during the  
25 year covered by the report on each reported incident

1 involving the nonconsensual distribution by a person  
2 subject to chapter 47 of title 10, United States Code  
3 (the Uniform Code of Military Justice), of a private  
4 sexual image of another person, including the fol-  
5 lowing:

6 “(A) The number of substantiated and un-  
7 substantiated reports.

8 “(B) A synopsis of each substantiated re-  
9 port.

10 “(C) The action taken in the case of each  
11 substantiated report, including the type of dis-  
12 ciplinary or administrative sanction imposed, if  
13 any, such as—

14 “(i) conviction and sentence by court-  
15 martial;

16 “(ii) imposition of non-judicial punish-  
17 ment under section 815 of title 10, United  
18 States Code (article 15 of the Uniform  
19 Code of Military Justice); or

20 “(iii) administrative separation or  
21 other type of administrative action im-  
22 posed.”.

23 (b) APPLICATION OF AMENDMENT.—The amendment  
24 made by this section shall take effect on the date of the  
25 enactment of this Act and apply beginning with the re-

1 ports required to be submitted by March 1, 2020, under  
2 section 1631 of the Ike Skelton National Defense Author-  
3 ization Act for Fiscal Year 2011 (Public Law 111–383;  
4 10 U.S.C. 1561 note).

5 **SEC. 538. INCLUSION OF INFORMATION IN ANNUAL SAPRO**  
6 **REPORTS REGARDING SEXUAL ASSAULTS**  
7 **COMMITTED BY A MEMBER OF THE ARMED**  
8 **FORCES AGAINST THE MEMBER'S SPOUSE OR**  
9 **OTHER FAMILY MEMBER.**

10 Beginning with the reports required to be submitted  
11 by March 1, 2019, under section 1631 of the Ike Skelton  
12 National Defense Authorization Act for Fiscal Year 2011  
13 (Public Law 111–383; 10 U.S.C. 1561 note), information  
14 regarding a sexual assault committed by a member of the  
15 Armed Forces against the spouse or intimate partner of  
16 the member or another dependent of the member shall be  
17 included in such reports in addition to the annual Family  
18 Advocacy Program report. The information may be in-  
19 cluded as an annex to such reports.



1 **Subtitle E—Member Education,**  
2 **Training, Resilience, and Tran-**  
3 **sition**

4 **SEC. 541. ELEMENT IN PRESEPARATION COUNSELING FOR**  
5 **MEMBERS OF THE ARMED FORCES ON AS-**  
6 **SISTANCE AND SUPPORT SERVICES FOR**  
7 **CAREGIVERS OF CERTAIN VETERANS**  
8 **THROUGH THE DEPARTMENT OF VETERANS**  
9 **AFFAIRS.**

10 (a) IN GENERAL.—Section 1142(b) of title 10,  
11 United States Code, is amended by adding at the end the  
12 following new paragraph:

13 “(18) A description, developed in consultation  
14 with the Secretary of Veterans Affairs, of the assist-  
15 ance and support services for family caregivers of el-  
16 igible veterans under the program conducted by the  
17 Secretary of Veterans Affairs pursuant to section  
18 1720G of title 38, including the veterans covered by  
19 the program, the caregivers eligible for assistance  
20 and support through the program, and the assist-  
21 ance and support available through the program.”.

22 (b) PARTICIPATION OF POTENTIAL CAREGIVERS IN  
23 APPROPRIATE PRESEPARATION COUNSELING.—

24 (1) IN GENERAL.—In accordance with proce-  
25 dures established by the Secretary of Defense, each

1 Secretary of a military department shall take appro-  
2 priate actions to achieve the following:

3 (A) To determine whether each member of  
4 the Armed Forces under the jurisdiction of such  
5 Secretary who is undergoing preseparation  
6 counseling pursuant to section 1142 of title 10,  
7 United States Code (as amended by subsection  
8 (a)), and who may require caregiver services  
9 after separation from the Armed Forces has  
10 identified an individual to provide such services  
11 after the member's separation.

12 (B) In the case of a member described in  
13 subparagraph (A) who has identified an indi-  
14 vidual to provide caregiver services after the  
15 member's separation, at the election of the  
16 member, to permit such individual to partici-  
17 pate in appropriate sessions of the member's  
18 preseparation counseling in order to inform  
19 such individual of—

20 (i) the assistance and support services  
21 available to caregivers of members after  
22 separation from the Armed Forces; and

23 (ii) the manner in which the member's  
24 transition to civilian life after separation

1           may likely affect such individual as a care-  
2           giver.

3           (2) CAREGIVERS.—For purposes of this sub-  
4           section, individuals who provide caregiver services  
5           refers to individuals (including a spouse, partner,  
6           parent, sibling, adult child, other relative, or friend)  
7           who provide physical or emotional assistance to  
8           former members of the Armed Forces during and  
9           after their transition from military life to civilian life  
10          following separation from the Armed Forces.

11          (3) DEADLINE FOR COMMENCEMENT.—Each  
12          Secretary of a military department shall commence  
13          the actions required pursuant to this subsection by  
14          not later than 180 days after the date of the enact-  
15          ment of this Act.

16 **SEC. 542. IMPROVED EMPLOYMENT ASSISTANCE FOR MEM-**  
17 **BERS OF THE ARMY, NAVY, AIR FORCE, AND**  
18 **MARINE CORPS AND VETERANS.**

19          (a) IMPROVED EMPLOYMENT SKILLS  
20 VERIFICATION.—Section 1143(a) of title 10, United  
21 States Code, is amended—

22           (1) by inserting “(1)” before “The Secretary of  
23          Defense”; and

24           (2) by adding at the end the following new  
25          paragraph:

1           “(2) In order to improve the accuracy and complete-  
2   ness of a certification or verification of job skills and expe-  
3   rience required by paragraph (1), the Secretary of Defense  
4   shall—

5           “(A) establish a database to record all training  
6   performed by members of the Army, Navy, Air  
7   Force, and Marine Corps that may have application  
8   to employment in the civilian sector; and

9           “(B) make unclassified information regarding  
10   such information available to States and other po-  
11   tential employers referred to in subsection (c) so  
12   that State and other entities may allow military  
13   training to satisfy licensing or certification require-  
14   ments to engage in a civilian profession.”.

15       (b) IMPROVED ACCURACY OF CERTIFICATES OF  
16   TRAINING AND SKILLS.—Section 1143(a) of title 10,  
17   United States Code, is further amended by inserting after  
18   paragraph (2), as added by subsection (a), the following  
19   new paragraph:

20       “(3) The Secretary of Defense shall ensure that a  
21   certification or verification of job skills and experience re-  
22   quired by paragraph (1) is rendered in such a way that  
23   States and other potential employers can confirm the ac-  
24   curacy and authenticity of the certification or  
25   verification.”.

1 (c) IMPROVED RESPONSIVENESS TO CERTIFICATION  
2 REQUESTS.—Section 1143(c) of title 10, United States  
3 Code, is amended—

4 (1) by inserting “(1)” before “For the pur-  
5 pose”; and

6 (2) by adding at the end the following new  
7 paragraph:

8 “(2)(A) A State may—

9 “(i) use a certification or verification of job  
10 skills and experience provided to a member of the  
11 armed forces under subsection (a); and

12 “(ii) in the case of members of the Army, Navy,  
13 Air Force, and Marine Corps, request the Depart-  
14 ment of Defense to confirm the accuracy and au-  
15 thenticity of the certification or verification.

16 “(B) A response confirming or denying the informa-  
17 tion shall be provided within five business days.”.

18 (d) IMPROVED NOTICE TO MEMBERS.—Section  
19 1142(b)(4)(A) of title 10, United States Code, is amended  
20 by inserting before the semicolon the following: “, includ-  
21 ing State-submitted and approved lists of military training  
22 and skills that satisfy occupational certifications and li-  
23 censes”.

1 **SEC. 543. LIMITATION ON RELEASE OF MILITARY SERVICE**  
2 **ACADEMY GRADUATES TO PARTICIPATE IN**  
3 **PROFESSIONAL ATHLETICS.**

4 (a) UNITED STATES MILITARY ACADEMY.—Section  
5 4348(a) of title 10, United States Code, is amended by  
6 adding at the end the following new paragraph:

7 “(5) That the cadet—

8 “(A) will not seek release from the cadet’s  
9 commissioned service obligation to obtain em-  
10 ployment as a professional athlete following  
11 graduation until the cadet completes a period of  
12 at least two consecutive years of commissioned  
13 service; and

14 “(B) understands that the appointment al-  
15 ternative described in paragraph (3) will not be  
16 used to allow the cadet to obtain such employ-  
17 ment until at least the end of that two-year pe-  
18 riod.”.

19 (b) UNITED STATES NAVAL ACADEMY.—Section  
20 6959(a) of title 10, United States Code, is amended by  
21 adding at the end the following new paragraph:

22 “(5) That the midshipman—

23 “(A) will not seek release from the mid-  
24 shipman’s commissioned service obligation to  
25 obtain employment as a professional athlete fol-  
26 lowing graduation until the midshipman com-

1           pletes a period of at least two consecutive years  
2           of commissioned service; and

3           “(B) understands that the appointment al-  
4           ternative described in paragraph (3) will not be  
5           used to allow the midshipman to obtain such  
6           employment until at least the end of that two-  
7           year period.”.

8           (c) UNITED STATES AIR FORCE ACADEMY.—Section  
9           9348(a) of title 10, United States Code, is amended by  
10          adding at the end the following new paragraph:

11          “(5) That the cadet—

12                 “(A) will not seek release from the cadet’s  
13                 commissioned service obligation to obtain em-  
14                 ployment as a professional athlete following  
15                 graduation until the cadet completes a period of  
16                 at least two consecutive years of commissioned  
17                 service; and

18                 “(B) understands that the appointment al-  
19                 ternative described in paragraph (2) will not be  
20                 used to allow the cadet to obtain such employ-  
21                 ment until at least the end of that two-year pe-  
22                 riod.”.

23          (d) APPLICATION OF AMENDMENTS.—The Secre-  
24          taries of the military departments shall promptly revise  
25          the cadet and midshipman service agreements under sec-

1 tions 4348, 6959, and 9348 of title 10, United States  
2 Code, to reflect the amendments made by this section. The  
3 revised agreement shall apply to cadets and midshipmen  
4 who are attending the United States Military Academy,  
5 the United States Naval Academy, or the United States  
6 Air Force Academy on the date of the enactment of this  
7 Act and to persons who begin attendance at such military  
8 service academies on or after that date.

9 **SEC. 544. TWO-YEAR EXTENSION OF SUICIDE PREVENTION**  
10 **AND RESILIENCE PROGRAM FOR THE NA-**  
11 **TIONAL GUARD AND RESERVES.**

12 Section 10219(g) of title 10, United States Code, is  
13 amended by striking “October 1, 2018” and inserting  
14 “October 1, 2020”.

15 **SEC. 545. ANNUAL CERTIFICATIONS RELATED TO READY,**  
16 **RELEVANT LEARNING INITIATIVE OF THE**  
17 **NAVY.**

18 (a) ANNUAL CERTIFICATIONS REQUIRED.—Not later  
19 than March 1, 2018, and each year thereafter, the Sec-  
20 retary of the Navy shall submit to the Committees on  
21 Armed Services of the Senate and the House of Represent-  
22 atives a certification on the status of implementation of  
23 the Ready, Relevant Learning initiative of the Navy for  
24 each applicable enlisted rating.



1 (b) ELEMENTS.—Each certification under subsection  
2 (a) shall include the following:

3 (1) A certification by the Commander of the  
4 United States Fleet Forces Command that the block  
5 learning and modernized delivery methods of the  
6 Ready, Relevant Learning initiative to be imple-  
7 mented during the fiscal year beginning in which  
8 such certification is submitted will meet or exceed  
9 the existing training delivery approach for all associ-  
10 ated training requirements.

11 (2) A certification by the Secretary of the Navy  
12 that the content re-engineering necessary to meet all  
13 training objectives and transition from the tradi-  
14 tional training curriculum to the modernized delivery  
15 format to be implemented during such fiscal year  
16 will be complete prior to such transition, including  
17 full functionality of all required course software and  
18 hardware.

19 (3) A detailed cost estimate of transitioning to  
20 the block learning and modernized delivery ap-  
21 proaches to be implemented during such fiscal year  
22 with funding listed by purpose, amount, appropria-  
23 tions account, budget program element or line item,  
24 and end strength adjustments.

1           (4) A detailed phasing plan associated with  
2           transitioning to the block learning and modernized  
3           delivery approaches to be implemented during such  
4           fiscal year, including the current status, timing, and  
5           identification of reductions in “A” school and “C”  
6           school courses, curricula, funding, and personnel.

7           (5) A certification by the Secretary of the Navy  
8           that—

9                   (A) the contracting strategy associated  
10                  with transitioning to the modernized delivery  
11                  approach to be implemented during such fiscal  
12                  year has been completed; and

13                   (B) contracting actions contain sufficient  
14                  specification detail to enable a low risk ap-  
15                  proach to receiving the deliverable end item or  
16                  items on-budget, on-schedule, and with satisfac-  
17                  tory performance.

18 **SEC. 546. AUTHORITY TO EXPAND ELIGIBILITY FOR THE**  
19                   **UNITED STATES MILITARY APPRENTICESHIP**  
20                   **PROGRAM.**

21           (a) **EXPANSION AUTHORIZED.**—The Secretary of De-  
22           fense may expand eligibility for the United Services Mili-  
23           tary Apprenticeship Program to include any member of  
24           the uniformed services.

1 (b) DEFINITION.—In this section, the term “uni-  
2 formed services” has the meaning given such term in sec-  
3 tion 101(a)(5) of title 10, United States Code.

4 **SEC. 547. LIMITATION ON AVAILABILITY OF FUNDS FOR AT-**  
5 **TENDANCE OF AIR FORCE ENLISTED PER-**  
6 **SONNEL AT AIR FORCE OFFICER PROFES-**  
7 **SIONAL MILITARY EDUCATION IN-RESIDENCE**  
8 **COURSES.**

9 (a) LIMITATION.—None of the funds authorized to  
10 be appropriated or otherwise made available for the De-  
11 partment of the Air Force may be obligated or expended  
12 for the purpose of the attendance of Air Force enlisted  
13 personnel at Air Force officer professional military edu-  
14 cation (PME) in-residence courses until the later of—

15 (1) the date on which the Secretary of the Air  
16 Force submits to the Committees on Armed Services  
17 of the Senate and the House of Representatives, and  
18 to the Comptroller General of the United States, a  
19 report on the attendance of such personnel at such  
20 courses as described in subsection (b);

21 (2) the date on which the Comptroller General  
22 submits to such committees the report setting forth  
23 an assessment of the report under paragraph (1) as  
24 described in subsection (c); or

1           (3) 180 days after the date of the enactment of  
2           this Act.

3           (b) SECRETARY OF THE AIR FORCE REPORT.—The  
4           report of the Secretary described in subsection (a)(1) shall  
5           include the following:

6           (1) The purpose of the attendance of Air Force  
7           enlisted personnel at Air Force officer professional  
8           military education in-residence courses.

9           (2) The objectives for the attendance of such  
10          enlisted personnel at such officer professional mili-  
11          tary education courses.

12          (3) The required prerequisites for such enlisted  
13          personnel to attend such officer professional military  
14          education courses.

15          (4) The process for selecting such enlisted per-  
16          sonnel to attend such officer professional military  
17          education courses.

18          (5) The impact of the attendance of such en-  
19          listed personnel at such officer professional military  
20          education courses on the availability of officer alloca-  
21          tions for the attendance of officers at such courses.

22          (6) The impact of the attendance of such en-  
23          listed personnel at such officer professional military  
24          education courses on the morale and retention of of-  
25          ficers attending such courses.

1           (7) The resources required for such enlisted  
2           personnel to attend such officer professional military  
3           education courses.

4           (8) The impact on unit and overall Air Force  
5           manning levels of the attendance of such enlisted  
6           personnel at such officer professional military edu-  
7           cation courses, especially at the statutorily-limited  
8           end strengths of grades E-8 and E-9.

9           (9) The extent to which graduation by such en-  
10          listed personnel from such officer professional mili-  
11          tary education courses is a requirement for Air  
12          Force or joint assignments.

13          (10) The planned assignment utilization for Air  
14          Force enlisted graduates of such officer professional  
15          military education courses.

16          (11) Any other matters in connection with the  
17          attendance of such enlisted personnel at such officer  
18          professional military education courses that the Sec-  
19          retary considers appropriate.

20          (c) COMPTROLLER GENERAL OF THE UNITED  
21          STATES REPORT.—

22                (1) IN GENERAL.—Not later than 90 days after  
23                the date the Secretary submits the report described  
24                in subsection (a)(1), the Comptroller General shall  
25                submit to the Committees on Armed Services of the

1 Senate and the House of Representatives a briefing  
2 on an assessment of the report by the Comptroller  
3 General. As soon as practicable after the briefing,  
4 the Comptroller General shall submit to such com-  
5 mittees a report on such assessment for purposes of  
6 subsection (a)(2).

7 (2) ELEMENTS.—The report under paragraph  
8 (1) shall include the following:

9 (A) An assessment of whether the conclu-  
10 sions and assertions included in the report of  
11 the Secretary under subsection (a) are com-  
12 prehensive, fully supported, and sufficiently de-  
13 tailed.

14 (B) An identification of any shortcomings,  
15 limitations, or other reportable matters that af-  
16 fect the quality of the findings or conclusions of  
17 the report of the Secretary.

18 **SEC. 548. LIEUTENANT HENRY OSSIAN FLIPPER LEADER-**  
19 **SHIP SCHOLARSHIPS.**

20 (a) IN GENERAL.—The Secretary of the Army shall  
21 designate a number of scholarships under the Army Senior  
22 Reserve Officers' Training Corps (SROTC) program that  
23 are available to students at minority-serving institutions  
24 as "Lieutenant Henry Ossian Flipper Leadership Scholar-  
25 ships".

1 (b) NUMBER DESIGNATED.—The number of scholar-  
2 ships designated pursuant to subsection (a) shall be the  
3 number the Secretary determines appropriate to increase  
4 the number of Senior Reserve Officers’ Training Corps  
5 scholarships at minority-serving institutions. In making  
6 the determination, the Secretary shall give appropriate  
7 consideration to the following:

8 (1) The number of Senior Reserve Officers’  
9 Training Corps scholarships available at all institu-  
10 tions participating in the Senior Reserve Officer’s  
11 Training Corps program.

12 (2) The number of such minority-serving insti-  
13 tutions that offer the Senior Reserve Officers’ Train-  
14 ing Corps program to their students.

15 (c) AMOUNT OF SCHOLARSHIP.—The Secretary may  
16 increase any scholarship designated pursuant to sub-  
17 section (a) to an amount in excess of the amount of the  
18 Senior Reserve Officers’ Training Corps program scholar-  
19 ship that would otherwise be offered at the minority-serv-  
20 ing institution concerned if the Secretary considers that  
21 a scholarship of such increased amount is appropriate for  
22 the purpose of the scholarship.

23 (d) MINORITY-SERVING INSTITUTION DEFINED.—In  
24 this section, the term “minority-serving institution”  
25 means an institution of higher education described in sec-

1 tion 371(a) of the Higher Education Act of 1965 (20  
2 U.S.C. 1067q(a)).

3 **SEC. 549. PILOT PROGRAMS ON APPOINTMENT IN THE EX-**  
4 **CEPTED SERVICE IN THE DEPARTMENT OF**  
5 **DEFENSE OF PHYSICALLY DISQUALIFIED**  
6 **FORMER CADETS AND MIDSHIPMEN.**

7 (a) PILOT PROGRAMS AUTHORIZED.—

8 (1) IN GENERAL.—Each Secretary of a military  
9 department may carry out a pilot program under  
10 which former cadets or midshipmen described in  
11 paragraph (2) (in this section referred to as “eligible  
12 individuals”) under the jurisdiction of such Sec-  
13 retary may be appointed by the Secretary of Defense  
14 in the excepted service under section 3320 of title 5,  
15 United States Code, in the Department of Defense.

16 (2) CADETS AND MIDSHIPMEN.—Except as pro-  
17 vided in paragraph (3), a former cadet or mid-  
18 shipman described in this paragraph is any former  
19 cadet at the United States Military Academy or the  
20 United States Air Force Academy, and any former  
21 midshipman at the United States Naval Academy,  
22 who—

23 (A) completed the prescribed course of in-  
24 struction and graduated from the applicable  
25 service academy; and



1 (B) is determined to be medically disquali-  
2 fied to complete a period of active duty in the  
3 Armed Forces prescribed in an agreement  
4 signed by such cadet or midshipman in accord-  
5 ance with section 4348, 6959, or 9348 of title  
6 10, United States Code.

7 (3) EXCEPTION.—A former cadet or mid-  
8 shipman whose medical disqualification as described  
9 in paragraph (2)(B) is the result of the gross neg-  
10 ligence or misconduct of the former cadet or mid-  
11 shipman is not an eligible individual for purposes of  
12 appointment under a pilot program.

13 (b) PURPOSE.—The purpose of the pilot programs  
14 conducted under this section is to evaluate the feasibility  
15 and advisability of permitting eligible individuals who can-  
16 not accept a commission or complete a period of active  
17 duty in the Armed Forces prescribed by the Secretary of  
18 the military department concerned to fulfill an obligation  
19 for active duty service in the Armed Forces through serv-  
20 ice as a civilian employee of the Department of Defense.

21 (c) POSITIONS.—

22 (1) IN GENERAL.—The positions to which an el-  
23 igible individual may be appointed under a pilot pro-  
24 gram conducted under this section are existing posi-  
25 tions within the Department of Defense in grades up

1 to GS-9 under the General Schedule under section  
2 5332 of title 5, United States Code (or equivalent).  
3 The authority in subsection (a) does not authorize  
4 the creation of additional positions, or create any va-  
5 cancies to which eligible individuals may be ap-  
6 pointed under a pilot program.

7 (2) TERM POSITIONS.—Any appointment under  
8 a pilot program shall be to a position having a term  
9 of five years or less.

10 (d) SCOPE OF AUTHORITY.—

11 (1) RECRUITMENT AND RETENTION OF ELIGI-  
12 BLE INDIVIDUALS.—The authority in subsection (a)  
13 may be used only to the extent necessary to recruit  
14 and retain on a non-competitive basis cadets and  
15 midshipmen who are relieved of an obligation for ac-  
16 tive duty in the Armed Forces due to becoming  
17 medically disqualified from serving on active duty in  
18 the Armed Forces, and may not be used to appoint  
19 any other individuals in the excepted service.

20 (2) VOLUNTARY ACCEPTANCE OF APPOINT-  
21 MENTS.—A pilot program conducted under this sec-  
22 tion may not be used as an implicit or explicit basis  
23 for compelling an eligible individual to accept an ap-  
24 pointment in the excepted service in accordance with  
25 this section.

1 (e) RELATIONSHIP TO REPAYMENT PROVISIONS.—  
2 Completion of a term appointment pursuant to a pilot pro-  
3 gram conducted under this section shall relieve the eligible  
4 individual concerned of any repayment obligation under  
5 section 303a(e) or 373 of title 37, United States Code,  
6 with respect to the agreement of the individual described  
7 in subsection (a)(2)(B).

8 (f) TERMINATION.—

9 (1) IN GENERAL.—The authority to appoint eli-  
10 gible individuals in the excepted service under a pilot  
11 program conducted under this section shall expire on  
12 the date that is four years after the date of the en-  
13 actment of this Act.

14 (2) EFFECT ON EXISTING APPOINTMENTS.—  
15 The termination by paragraph (1) of the authority  
16 in subsection (a) shall not affect any appointment  
17 made under that authority before the termination  
18 date specified in paragraph (1) in accordance with  
19 the terms of such appointment.

20 (g) REPORTING REQUIREMENT.—

21 (1) REPORT REQUIRED.—Not later than the  
22 date that is three years after the date of the enact-  
23 ment of this Act, each Secretary of a military de-  
24 partment shall submit to the appropriate congres-  
25 sional committees a report containing an evaluation

1 of the effectiveness of the pilot program conducted  
2 by such Secretary under this section, including the  
3 number of eligible individuals appointed as civilian  
4 employees of the Department of Defense under the  
5 program and the retention rate for such employees.

6 (2) APPROPRIATE CONGRESSIONAL COMMIT-  
7 TEES DEFINED.—In this section, the term “appro-  
8 priate congressional committees” means the Com-  
9 mittee on Armed Services and the Committee on  
10 Homeland Security and Government Affairs of the  
11 Senate and the Committee on Armed Services and  
12 the Committee on Oversight and Government Re-  
13 form of the House of Representatives.

14 **Subtitle F—Defense Dependents’**  
15 **Education and Military Family**  
16 **Readiness Matters**

17 **PART I—DEFENSE DEPENDENTS’ EDUCATION**  
18 **MATTERS**

19 **SEC. 551. ASSISTANCE TO SCHOOLS WITH MILITARY DE-**  
20 **PENDENT STUDENTS.**

21 (a) IMPACT AID FOR CHILDREN WITH SEVERE DIS-  
22 ABILITIES.—

23 (1) IN GENERAL.—Of the amount authorized to  
24 be appropriated for fiscal year 2018 pursuant to sec-  
25 tion 301 and available for operation and mainte-

1 nance for Defense-wide activities as specified in the  
2 funding table in section 4301, \$10,000,000 shall be  
3 available for payments under section 363 of the  
4 Floyd D. Spence National Defense Authorization  
5 Act for Fiscal Year 2001 (20 U.S.C. 7703a).

6 (2) USE OF CERTAIN AMOUNT.—Of the amount  
7 available under subsection (a) for payments as de-  
8 scribed in that subsection, \$5,000,000 shall be avail-  
9 able for such payments to local educational agencies  
10 determined by the Secretary of Defense, in the dis-  
11 cretion of the Secretary, to have higher concentra-  
12 tions of military children with severe disabilities.

13 (b) ASSISTANCE TO SCHOOLS WITH SIGNIFICANT  
14 NUMBERS OF MILITARY DEPENDENT STUDENTS.—Of the  
15 amount authorized to be appropriated for fiscal year 2018  
16 by section 301 and available for operation and mainte-  
17 nance for Defense-wide activities as specified in the fund-  
18 ing table in section 4301, \$40,000,000 shall be available  
19 only for the purpose of providing assistance to local edu-  
20 cational agencies under subsection (a) of section 572 of  
21 the National Defense Authorization Act for Fiscal Year  
22 2006 (Public Law 109–163; 20 U.S.C. 7703b).

23 (c) LOCAL EDUCATIONAL AGENCY DEFINED.—In  
24 this section, the term “local educational agency” has the  
25 meaning given that term in section 7013(9) of the Ele-

1 mentary and Secondary Education Act of 1965 (20 U.S.C.  
2 7713(9)).

3 **SEC. 552. TRANSITIONS OF MILITARY DEPENDENT STU-**  
4 **DENTS FROM DEPARTMENT OF DEFENSE DE-**  
5 **PENDENT SCHOOLS TO OTHER SCHOOLS AND**  
6 **AMONG SCHOOLS OF LOCAL EDUCATIONAL**  
7 **AGENCIES.**

8 (a) PERMANENT SUPPORT AUTHORITY.—Section  
9 574(c) of the John Warner National Defense Authoriza-  
10 tion Act for Fiscal Year 2007 (Public Law 109–364; 20  
11 U.S.C. 7703b note) is amended by striking paragraph (3).

12 (b) CONFORMING AMENDMENT.—Section 572(b) of  
13 the National Defense Authorization Act for Fiscal Year  
14 2017 (Public Law 114–328; 20 U.S.C. 7703b note) is  
15 amended by striking “that includes a request for the ex-  
16 tension of section 574(c) of the John Warner National De-  
17 fense Authorization Act for Fiscal Year 2007 shall in-  
18 clude” and inserting “shall include, with respect to section  
19 574(c) of the John Warner National Defense Authoriza-  
20 tion Act for Fiscal Year 2007 (Public Law 109–364; 20  
21 U.S.C. 7703b note),”.

1 **SEC. 553. REPORT ON EDUCATIONAL OPPORTUNITIES IN**  
2 **SCIENCE, TECHNOLOGY, ENGINEERING, AND**  
3 **MATHEMATICS FOR CHILDREN WHO ARE DE-**  
4 **PENDENTS OF MEMBERS OF THE ARMED**  
5 **FORCES.**

6 Not later than two years after the date of the enact-  
7 ment of this Act, the Secretary of Defense shall submit  
8 to the congressional defense committees a report con-  
9 taining a description and assessment of—

10 (1) current Department of Defense programs  
11 intended to improve educational opportunities and  
12 achievement in science, technology, engineering, and  
13 mathematics for children who are dependents of  
14 members of the Armed Forces; and

15 (2) Department of Defense efforts to increase  
16 opportunities and achievement in science, tech-  
17 nology, engineering, and mathematics for children  
18 who are dependents of members of the Armed  
19 Forces.

1           **PART II—MILITARY FAMILY READINESS**  
2                           **MATTERS**

3   **SEC. 555. CODIFICATION OF AUTHORITY TO CONDUCT FAM-**  
4                   **ILY SUPPORT PROGRAMS FOR IMMEDIATE**  
5                   **FAMILY MEMBERS OF MEMBERS OF THE**  
6                   **ARMED FORCES ASSIGNED TO SPECIAL OP-**  
7                   **ERATIONS FORCES.**

8           (a) CODIFICATION OF EXISTING AUTHORITY.—Chap-  
9   ter 88 of title 10, United States Code, is amended by in-  
10   serting after section 1788 a new section 1788a consisting  
11   of—

12                   (1) a heading as follows:

13   **“§ 1788a. Family support programs: immediate family**  
14                   **members of members of special oper-**  
15                   **ations forces”; and**

16                   (2) a text consisting of subsections (a), (b), (d),  
17   and (e) of section 554 of the National Defense Au-  
18   thorization Act for Fiscal Year 2014 (Public Law  
19   113–66; 10 U.S.C. 1788 note).

20           (b) REPORTING REQUIREMENT.—Section 1788a of  
21   title 10, United States Code, as added by subsection (a)  
22   of this section, is further amended—

23                   (1) by redesignating subsection (d), as so  
24   added, as subsection (c); and

25                   (2) by inserting after such subsection the fol-  
26   lowing new subsection (d):



1 “(d) ANNUAL REPORT.—

2 “(1) REPORT REQUIRED.—Not later than  
3 March 1, 2019, and each March 1 thereafter, the  
4 Commander, in coordination with the Under Sec-  
5 retary of Defense for Personnel and Readiness, shall  
6 submit to the congressional defense committees a re-  
7 port describing the progress made in achieving the  
8 goals of the family support programs conducted  
9 under this section.

10 “(2) ELEMENTS OF REPORTS.—Each report  
11 under this subsection shall include the following:

12 “(A) A detailed description of the pro-  
13 grams conducted under this section to address  
14 family support requirements for family mem-  
15 bers of members of the armed forces assigned  
16 to special operations forces.

17 “(B) An assessment of the impact of the  
18 programs on military readiness and on family  
19 members of members of the armed forces as-  
20 signed to special operations forces.

21 “(C) A description of the special oper-  
22 ations-peculiar aspects of the programs and a  
23 comparison and differentiation of these pro-  
24 grams with other programs conducted by the  
25 Secretaries of the military departments to pro-

1           vide family support services to immediate family  
2           members of members of the armed forces.

3           “(D) Recommendations for incorporating  
4           lessons learned into other family support pro-  
5           grams.

6           “(E) Any other matters the Commander  
7           considers appropriate regarding the programs.”.

8           (c) FUNDING.—Subsection (c) of section 1788a of  
9           title 10, United States Code, as added by subsection (a)  
10          of this section and redesignated by subsection (b)(1) of  
11          this section, is amended by striking “specified” and all  
12          that follows through the end of the subsection and insert-  
13          ing “, from funds available for Major Force Program 11,  
14          to carry out family support programs under this section.”.

15          (d) ELIMINATION OF PILOT PROGRAM REFERENCES  
16          AND OTHER CONFORMING AMENDMENTS.—Section  
17          1788a of title 10, United States Code, as added by sub-  
18          section (a) of this section, is further amended—

19                 (1) by striking “Armed Forces” each place it  
20                 appears and inserting “armed forces”;

21                 (2) by striking “pilot” each place it appears;

22                 (3) in subsection (a)—

23                         (A) in the subsection heading, by striking  
24                         “PILOT”; and

1 (B) by striking “up to three” and all that  
2 follows through “providing” and inserting “pro-  
3 grams to provide”; and

4 (4) in subsection (e)—

5 (A) in paragraph (2), by striking “title 10,  
6 United States Code” and inserting “this title”;  
7 and

8 (B) in paragraph (3), by striking “such  
9 title” and inserting “this title”.

10 (e) CLERICAL AMENDMENT.—The table of sections  
11 at the beginning of subchapter I of chapter 88 of title 10,  
12 United States Code, is amended by inserting after the  
13 item relating to section 1788 the following new item:

“1788a. Family support programs: immediate family members of members of  
special operations forces.”.

14 (f) CONFORMING REPEAL.—Section 554 of the Na-  
15 tional Defense Authorization Act for Fiscal Year 2014  
16 (Public Law 113–66; 10 U.S.C. 1788 note) is repealed.

17 **SEC. 556. REIMBURSEMENT FOR STATE LICENSURE AND**  
18 **CERTIFICATION COSTS OF A SPOUSE OF A**  
19 **MEMBER OF THE ARMED FORCES ARISING**  
20 **FROM RELOCATION TO ANOTHER STATE.**

21 (a) REIMBURSEMENT AUTHORIZED.—Section 476 of  
22 title 37, United States Code, is amended by adding at the  
23 end the following new subsection:

1           “(p)(1) From amounts otherwise made available for  
2 a fiscal year to provide travel and transportation allow-  
3 ances under this chapter, the Secretary concerned may re-  
4 imburse a member of the armed forces for qualified reli-  
5 censing costs of the spouse of the member when—

6           “(A) the member is reassigned, either as a per-  
7 manent change of station or permanent change of  
8 assignment, from a duty station in one State to a  
9 duty station in another State; and

10           “(B) the movement of the member’s dependents  
11 is authorized at the expense of the United States  
12 under this section as part of the reassignment.

13           “(2) Reimbursement provided to a member under  
14 this subsection may not exceed \$500 in connection with  
15 each reassignment described in paragraph (1).

16           “(3) Not later than December 31, 2021, the Sec-  
17 retary of Defense, in consultation with the Secretary of  
18 Homeland Security with respect to the Coast Guard, shall  
19 submit to the congressional defense committees, the Com-  
20 mittee on Homeland Security and Government Affairs of  
21 the Senate, and the Committee on Oversight and Govern-  
22 ment Reform of the House of Representatives a report—

23           “(A) describing the extent to which the reim-  
24 bursement authority provided by this subsection has  
25 been used; and

1           “(B) containing a recommendation by the Sec-  
2           retaries regarding whether the authority should be  
3           extended beyond the date specified in paragraph (4).

4           “(4) No reimbursement may be provided under this  
5           subsection for qualified relicensing costs paid or incurred  
6           after December 31, 2022.

7           “(5) In this subsection, the term ‘qualified relicensing  
8           costs’ means costs, including exam and registration fees,  
9           that—

10           “(A) are imposed by the State of the new duty  
11           station to secure a license or certification to engage  
12           in the same profession that the spouse of the mem-  
13           ber engaged in while in the State of the original  
14           duty station; and

15           “(B) are paid or incurred by the member or  
16           spouse to secure the license or certification from the  
17           State of the new duty station after the date on  
18           which the orders directing the reassignment de-  
19           scribed in paragraph (1) are issued.”.

20           (b) DEVELOPMENT OF RECOMMENDATIONS TO EX-  
21           PEDITE LICENSE PORTABILITY FOR MILITARY  
22           SPOUSES.—

23           (1) CONSULTATION WITH STATES.—The Sec-  
24           retary of Defense, and the Secretary of Homeland

1 Security with respect to the Coast Guard, shall con-  
2 sult with States—

3 (A) to identify barriers to the portability  
4 between States of a license, certification, or  
5 other grant of permission held by the spouse of  
6 a member of the Armed Forces to engage in an  
7 occupation when the spouse moves between  
8 States as part of a permanent change of station  
9 or permanent change of assignment of the  
10 member; and

11 (B) to develop recommendations for the  
12 Federal Government and the States, together or  
13 separately, to expedite the portability of such li-  
14 censes, certifications, and other grants of per-  
15 mission for military spouses.

16 (2) SPECIFIC CONSIDERATIONS.—In conducting  
17 the consultation and preparing the recommendations  
18 under paragraph (1), the Secretaries shall consider  
19 the feasibility of—

20 (A) States accepting licenses, certifi-  
21 cations, and other grants of permission de-  
22 scribed in paragraph (1) issued by another  
23 State and in good standing in that State;

1 (B) the issuance of a temporary license  
2 pending completion of State-specific require-  
3 ments; and

4 (C) the establishment of an expedited re-  
5 view process for military spouses.

6 (3) REPORT REQUIRED.—Not later than March  
7 15, 2018, the Secretaries shall submit to the appro-  
8 priate congressional committees and the States a re-  
9 port containing the recommendations developed  
10 under this subsection.

11 (4) APPROPRIATE CONGRESSIONAL COMMIT-  
12 TEES DEFINED.—In this subsection, the term “ap-  
13 propriate congressional committees” means the con-  
14 gressional defense committees, the Committee on  
15 Homeland Security and Government Affairs of the  
16 Senate, and the Committee on Oversight and Gov-  
17 ernment Reform of the House of Representatives.

18 **SEC. 557. TEMPORARY EXTENSION OF EXTENDED PERIOD**  
19 **OF PROTECTIONS FOR MEMBERS OF UNI-**  
20 **FORMED SERVICES RELATING TO MORT-**  
21 **GAGES, MORTGAGE FORECLOSURE, AND**  
22 **EVICTION.**

23 Section 710(d) of the Honoring America’s Veterans  
24 and Caring for Camp Lejeune Families Act of 2012 (Pub-  
25 lic Law 112–154; 50 U.S.C. 3953 note) is amended—

1           (1) in paragraph (1), by striking “December  
2           31, 2017” and inserting “December 31, 2019”; and  
3           (2) in paragraph (3), by striking “January 1,  
4           2018” and inserting “January 1, 2020”.

5 **SEC. 558. ENHANCING MILITARY CHILDCARE PROGRAMS**  
6                   **AND ACTIVITIES OF THE DEPARTMENT OF**  
7                   **DEFENSE.**

8           (a) HOURS OF OPERATION OF MILITARY CHILDCARE  
9 DEVELOPMENT CENTERS.—Each Secretary of a military  
10 department shall ensure, to the extent practicable, that  
11 the hours of operation of each childcare development cen-  
12 ter under the jurisdiction of the Secretary are established  
13 and maintained in manner that takes into account the de-  
14 mands and circumstances of members of the Armed  
15 Forces, including members of the reserve components, who  
16 use such center in facilitation of the performance of their  
17 military duties.

18           (b) MATTERS TO BE TAKEN INTO ACCOUNT.—The  
19 demands and circumstances to be taken into account  
20 under subsection (a) for purposes of setting and maintain-  
21 ing the hours of operation of a childcare development cen-  
22 ter shall include the following:

23           (1) Mission requirements of units whose mem-  
24           bers use the childcare development center.



1           (2) The unpredictability of work schedules, and  
2           fluctuations in day-to-day work hours, of such mem-  
3           bers.

4           (3) The potential for frequent and prolonged  
5           absences of such members for training, operations,  
6           and deployments.

7           (4) The location of the childcare development  
8           center on the military installation concerned, includ-  
9           ing the location in connection with duty locations of  
10          members and applicable military family housing.

11          (5) Such other matters as the Secretary of the  
12          military department concerned considers appropriate  
13          for purposes of this section.

14          (c) **CHILDCARE COORDINATORS FOR MILITARY IN-**  
15 **STALLATIONS.**—Each Secretary of a military department  
16 may provide for a childcare coordinator at each military  
17 installation under the jurisdiction of the Secretary at  
18 which are stationed significant numbers of members of the  
19 Armed Forces with accompanying dependent children, as  
20 determined by the Secretary. The childcare coordinator  
21 may work with the commander of the installation to en-  
22 sure that childcare is available and responsive to the needs  
23 of members assigned to the installation.

1 **SEC. 559. DIRECT HIRE AUTHORITY FOR DEPARTMENT OF**  
2 **DEFENSE FOR CHILDCARE SERVICES PRO-**  
3 **VIDERS FOR DEPARTMENT CHILD DEVELOP-**  
4 **MENT CENTERS.**

5 (a) IN GENERAL.—The Secretary of Defense may ap-  
6 point, without regard to any provision of subchapter I of  
7 chapter 33 of title 5, United States Code, qualified  
8 childcare services providers in the competitive service if  
9 the Secretary determines that—

10 (1) there is a critical hiring need for childcare  
11 services providers for Department of Defense child  
12 development centers; and

13 (2) there is a shortage of childcare services pro-  
14 viders.

15 (b) REGULATIONS.—The Secretary shall carry out  
16 this section in accordance with regulations prescribed by  
17 the Secretary for purposes of this section.

18 (c) DEADLINE FOR IMPLEMENTATION.—The Sec-  
19 retary shall prescribe the regulations required by sub-  
20 section (b), and commence implementation of subsection  
21 (a), by not later than May 1, 2018.

22 (d) BRIEFING.—Not later than 90 days after the end  
23 of each of fiscal years 2019 and 2021, the Secretary of  
24 Defense shall provide a briefing to the Committee on  
25 Armed Services of the House of Representatives, the Com-  
26 mittee on Armed Services of the Senate, the Committee

1 on Oversight and Government Reform of the House of  
2 Representatives, and the Committee on Homeland Secu-  
3 rity and Governmental Affairs of the Senate on the use  
4 of the appointment authority provided by subsection (a).

5 (e) **CHILDCARE SERVICES PROVIDER DEFINED.**—In  
6 this section, the term “childcare services provider” means  
7 a person who provides childcare services for dependent  
8 children of members of the Armed Forces and civilian em-  
9 ployees of the Department of Defense in child development  
10 centers on Department installations.

11 (f) **EXPIRATION OF AUTHORITY.**—The appointment  
12 authority provided by subsection (a) expires on September  
13 30, 2021.

14 **SEC. 560. PILOT PROGRAM ON PUBLIC-PRIVATE PARTNER-**  
15 **SHIPS FOR TELEWORK FACILITIES FOR MILI-**  
16 **TARY SPOUSES ON MILITARY INSTALLATIONS**  
17 **OUTSIDE THE UNITED STATES.**

18 (a) **IN GENERAL.**—Commencing not later than one  
19 year after the date of the enactment of this Act, the Sec-  
20 retary of Defense shall carry out a pilot program to assess  
21 the feasibility and advisability of providing telework facili-  
22 ties for military spouses on military installations outside  
23 the United States. The Secretary shall consult with the  
24 host nation or nations concerned in carrying out the pilot  
25 program.

1 (b) NUMBER OF INSTALLATIONS.—The Secretary  
2 shall carry out the pilot program at not less than two mili-  
3 tary installations outside the United States selected by the  
4 Secretary for purposes of the pilot program.

5 (c) DURATION.—The duration of the pilot program  
6 shall be a period selected by the Secretary, but not more  
7 than three years.

8 (d) ELEMENTS.—The pilot program shall include the  
9 following elements:

10 (1) The pilot program shall be conducted as one  
11 or more public-private partnerships between the De-  
12 partment of Defense and a private corporation or  
13 partnership of private corporations.

14 (2) The corporation or corporations partici-  
15 pating in the pilot program shall contribute to the  
16 carrying out of the pilot program an amount equal  
17 to the amount committed by the Secretary to the  
18 pilot program at the time of its commencement.

19 (3) The Secretary shall enter into one or more  
20 memoranda of understanding with the corporation  
21 or corporations participating in the pilot program  
22 for purposes of the pilot program, including the  
23 amounts to be contributed by such corporation or  
24 corporations pursuant to paragraph (2).

1           (4) The telework undertaken by military  
2 spouses under the pilot program may only be for  
3 United States companies.

4           (5) The pilot program shall permit military  
5 spouses to provide administrative, informational  
6 technology, professional, and other necessary sup-  
7 port to companies through telework from Depart-  
8 ment installations outside the United States.

9           (e) FUNDING.—Of the amount authorized to be ap-  
10 propriated for fiscal year 2018 by section 421 and avail-  
11 able for military personnel as specified in the funding table  
12 in section 4401, up to \$1,000,000 may be available to  
13 carry out the pilot program, including entry into memo-  
14 randa of understanding pursuant to subsection (d)(3) and  
15 payment by the Secretary of the amount committed by the  
16 Secretary to the pilot program pursuant to subsection  
17 (d)(2).

## 18           **Subtitle G—Decorations and** 19           **Awards**

### 20   **SEC. 561. AUTHORIZATION FOR AWARD OF THE MEDAL OF** 21           **HONOR TO GARLIN M. CONNER FOR ACTS OF** 22           **VALOR DURING WORLD WAR II.**

23           (a) WAIVER OF TIME LIMITATIONS.—Notwith-  
24 standing the time limitations specified in section 3744 of  
25 title 10, United States Code, or any other time limitation

1 with respect to the awarding of certain medals to persons  
2 who served in the Armed Forces, the President may award  
3 the Medal of Honor under section 3741 of such title to  
4 Garlin M. Conner for the acts of valor during World War  
5 II described in subsection (b).

6 (b) ACTS OF VALOR DESCRIBED.—The acts of valor  
7 referred to in subsection (a) are the actions of Garlin M.  
8 Conner during combat on January 24, 1945, as a member  
9 of the United States Army in the grade of First Lieuten-  
10 ant in France while serving with Company K, 3d Bat-  
11 talion, 7th Infantry Regiment, 3d Infantry Division, for  
12 which he was previously awarded the Distinguished-Serv-  
13 ice Cross.

14 **SEC. 562. AUTHORIZATION FOR AWARD OF DISTINGUISHED-**  
15 **SERVICE CROSS TO SPECIALIST FRANK M.**  
16 **CRARY FOR ACTS OF VALOR IN VIETNAM.**

17 (a) AUTHORIZATION.—Notwithstanding the time lim-  
18 itations specified in section 3744 of title 10, United States  
19 Code, or any other time limitation with respect to the  
20 awarding of certain medals to persons who served in the  
21 Armed Forces, the President may award the Distin-  
22 guished-Service Cross under section 3742 of such title to  
23 Specialist Frank M. Crary for the acts of valor in Vietnam  
24 described in subsection (b).

1 (b) ACTS OF VALOR DESCRIBED.—The acts of valor  
2 referred to in subsection (a) are the actions of Frank M.  
3 Crary on April 7, 1966, as a member of the Army serving  
4 in the grade of Specialist in Vietnam while serving with  
5 Company D, 1st Battalion (Airborne), 12th Cavalry Regi-  
6 ment, 1st Cavalry Division.

## 7 **Subtitle H—Miscellaneous** 8 **Reporting Requirements**

### 9 **SEC. 571. ANALYSIS AND REPORT ON ACCOMPANIED AND** 10 **UNACCOMPANIED TOURS OF DUTY IN RE-** 11 **MOTE LOCATIONS WITH HIGH FAMILY SUP-** 12 **PORT COSTS.**

13 (a) ANALYSIS REQUIRED.—The Secretary of Defense  
14 shall conduct a comparative analysis of accompanied tours  
15 of duty and unaccompanied tours of duty of members of  
16 the Armed Forces in remote locations with high family  
17 support costs (including facility construction and oper-  
18 ation costs), including—

- 19 (1) the Azores;
- 20 (2) United States Naval Station, Guantanamo  
21 Bay, Cuba;
- 22 (3) Okinawa, Japan;
- 23 (4) the Republic of Korea;
- 24 (5) Kwajalein Atoll;
- 25 (6) Al Udeid Air Base, Qatar; and

1           (7) such other locations as the Secretary con-  
2           siders appropriate for purposes of the analysis.

3           (b) REPORTING REQUIREMENT.—Not later than one  
4           year after the date of the enactment of this Act, the Sec-  
5           retary of Defense shall submit to the congressional defense  
6           committees a report containing the results of the analysis  
7           conducted under subsection (a).

8           **SEC. 572. REVIEW AND REPORTS ON POLICIES FOR REG-**  
9                                   **ULAR AND RESERVE OFFICER CAREER MAN-**  
10                                  **AGEMENT.**

11          (a) REVIEW REQUIRED.—The Secretary of Defense,  
12          in consultation with the Secretaries of the military depart-  
13          ments, shall conduct a review of the policies of the Depart-  
14          ment of Defense for the career management of regular and  
15          reserve officers of the Armed Forces pursuant to the De-  
16          fense Officer Personnel Management Act (commonly re-  
17          ferred to as “DOPMA”) and the Reserve Officer Per-  
18          sonnel Management Act (commonly referred to as  
19          “ROPMA”).

20          (b) ELEMENTS OF REVIEW.—The review required by  
21          subsection (a) shall include the following:

22               (1) A statistical analysis, based on exit surveys  
23               and other data available to the military departments,  
24               on the impact that current personnel policies under  
25               the Defense Officer Personnel Management Act have



1 on recruiting and retention of qualified regular and  
2 reserve officers of the Armed Forces. Specifically,  
3 the statistical analysis shall include an estimate of  
4 the number of officers who leave the Armed Forces  
5 each year because of dissatisfaction with the current  
6 personnel policies, including career progression, pro-  
7 motion policies, and a perceived lack of opportunity  
8 for schooling and broadening assignments.

9 (2) An analysis of the extent to which current  
10 personnel policies inhibit the professional develop-  
11 ment of officers.

12 (3) An analysis of the impact that increased  
13 flexibility in promotion, assignments, and career  
14 length would have on officer competency in their  
15 military occupational specialties.

16 (4) An analysis of the efficacy of officer talent  
17 management systems currently used by the military  
18 departments.

19 (5) An analysis of the benefits and limitations  
20 of the current promotion timelines and the “up-or-  
21 out” system required by policy and law.

22 (6) An analysis of the reasons and frequency  
23 with which officers in the grade of O–3 or above are  
24 passed over for promotion to the next higher grade,  
25 particularly those officers who have pursued ad-

1 vanced degrees, broadening assignments, and non-  
2 traditional career patterns.

3 (7) The utility and feasibility of creating new  
4 competitive categories or an independent career and  
5 promotion path for officers in low-density military  
6 occupational specialties.

7 (8) An analysis of how best to encourage and  
8 facilitate the recruitment and retention of officers  
9 with technical expertise.

10 (9) The utility and feasibility of encouraging of-  
11 ficers to pursue careers of lengths that vary from  
12 the traditional 20-year military career and the mech-  
13 anisms that could be employed to encourage officers  
14 to pursue these varying career lengths.

15 (10) An analysis of what actions have been or  
16 could be taken within current statutory authority to  
17 address officer management challenges.

18 (11) An analysis of what actions can be taken  
19 by the Armed Forces to change the institutional cul-  
20 ture regarding commonly held perceptions on appro-  
21 priate promotion timelines, career progression, and  
22 traditional career patterns.

23 (12) An analysis of how the Armed Forces can  
24 avoid an officer corps disproportionately weighted to-  
25 ward officers serving in the grades of major, lieuten-

1       ant colonel, and colonel and Navy grades of lieuten-  
2       ant commander, commander, and captain, if statu-  
3       tory officer grade caps are relaxed.

4           (13) The utility and feasibility of allowing offi-  
5       cers to repeatedly and seamlessly transition between  
6       active duty and reserve active-status throughout the  
7       course of their military careers.

8           (14) An analysis of the current officer force-  
9       shaping authorities and any changes needed to these  
10      authorities to improve recruiting, retention, and  
11      readiness.

12          (15) An analysis of any other matters the Sec-  
13      retary of Defense considers appropriate to improve  
14      the effective recruitment and retention of officers.

15      (c) REPORTING REQUIREMENTS.—

16          (1) INITIAL REPORT.—Not later than March 1,  
17      2018, the Secretary of Defense shall submit to the  
18      Committees on Armed Services of the Senate and  
19      the House of Representatives a report evaluating the  
20      impact on officer retention of granting promotion  
21      boards the authority to recommend officers of par-  
22      ticular merit be placed at the top of the promotion  
23      list.

24          (2) COMPLETE REPORT.—Not later than July  
25      31, 2018, the Secretary of Defense shall submit to

1 the Committees on Armed Services of the Senate  
2 and the House of Representatives a report setting  
3 forth the results of the review conducted under sub-  
4 section (a).

5 (3) SCOPE OF REPORT.—If any recommenda-  
6 tion of the Secretary of Defense in a report required  
7 by this subsection requires legislative or administra-  
8 tive action for implementation, the report shall in-  
9 clude a proposal for legislative action, or a descrip-  
10 tion of administrative action, as applicable, to imple-  
11 ment such recommendation.

12 **SEC. 573. REVIEW AND REPORT ON EFFECTS OF PER-**  
13 **SONNEL REQUIREMENTS AND LIMITATIONS**  
14 **ON THE AVAILABILITY OF MEMBERS OF THE**  
15 **NATIONAL GUARD FOR THE PERFORMANCE**  
16 **OF FUNERAL HONORS DUTY FOR VETERANS.**

17 (a) REVIEW REQUIRED.—The Secretary of Defense  
18 shall undertake a review of the effects of the personnel  
19 requirements and limitations described in subsection (b)  
20 with respect to the members of the National Guard in  
21 order to determine whether or not such requirements un-  
22 duly limit the ability of the Armed Forces to meet the de-  
23 mand for personnel to perform funeral honors in connec-  
24 tion with funerals of veterans.

1 (b) PERSONNEL REQUIREMENTS AND LIMITA-  
2 TIONS.—The personnel requirements and limitations de-  
3 scribed in this subsection are the following:

4 (1) Requirements, such as the ceiling on the au-  
5 thorized number of members of the National Guard  
6 on active duty pursuant to section 115(b)(2)(B) of  
7 title 10, United States Code, or end-strength limita-  
8 tions, that may operate to limit the number of mem-  
9 bers of the National Guard available for the per-  
10 formance of funeral honors duty.

11 (2) Any other requirements or limitations appli-  
12 cable to the reserve components of the Armed  
13 Forces in general, or the National Guard in par-  
14 ticular, that may operate to limit the number of  
15 members of the National Guard available for the  
16 performance of funeral honors duty.

17 (c) REPORT.—Not later than six months after the  
18 date of the enactment of this Act, the Secretary shall sub-  
19 mit to the Committees on Armed Services of the Senate  
20 and the House of Representatives a report on the review  
21 undertaken pursuant to subsection (a). The report shall  
22 include the following:

23 (1) A description of the review.

24 (2) Such recommendations as the Secretary  
25 considers appropriate in light of the review for legis-

1           lative or administrative action to expand the number  
2           of members of the National Guard available for the  
3           performance of funeral honors functions at funerals  
4           of veterans.

5 **SEC. 574. REVIEW AND REPORT ON AUTHORITIES FOR THE**  
6                   **EMPLOYMENT, USE, AND STATUS OF NA-**  
7                   **TIONAL GUARD AND RESERVE TECHNICIANS.**

8           (a) REVIEW REQUIRED.—The Secretary of Defense  
9 shall conduct a review of the following:

10                   (1) Authority for the employment, use, and sta-  
11                   tus of National Guard technicians under section 709  
12                   of title 32, United States Code (commonly referred  
13                   to as the National Guard Technicians Act of 1968).

14                   (2) Authorities for the employment, use, and  
15                   status of National Guard and Reserve technicians  
16                   under sections 10216 through 10218 of title 10,  
17                   United States Code.

18                   (3) Any other authorities on the employment,  
19                   use, and status of National Guard and Reserve tech-  
20                   nicians under law.

21           (b) PURPOSES.—The purposes of the review under  
22 subsection (a) shall be as follows:

23                   (1) To define the mission and requirements of  
24                   National Guard and Reserve technicians.

1           (2) To identify means to improve the manage-  
2           ment and administration of the National Guard and  
3           Reserve technician workforce.

4           (3) To identify means to enhance the capability  
5           of the Department of Defense to recruit and retain  
6           National Guard and Reserve technicians.

7           (4) To assess the current career progression  
8           tracks of National Guard and Reserve technicians.

9           (c) CONSULTATION.—In conducting the review under  
10          subsection (a), the Secretary of Defense shall consult with  
11          the Chief of the National Guard Bureau, the Chief of  
12          Army Reserve, the Chief of Air Force Reserve, and rep-  
13          resentatives of National Guard and Reserve technicians,  
14          including collective bargaining representatives of such  
15          technicians.

16          (d) INCLUSION OF RECENT AUTHORITIES IN RE-  
17          VIEW.—The Secretary of Defense shall ensure that the re-  
18          view conducted under subsection (a) takes into account  
19          authorities, and modifications of authorities, for the em-  
20          ployment, use, and status of National Guard and Reserve  
21          technicians contained in the National Defense Authoriza-  
22          tion Act for Fiscal Year 2016 (Public Law 114–92) and  
23          the National Defense Authorization Act for Fiscal Year  
24          2017 (Public Law 114–328).

1 (e) REQUIRED REVIEW ELEMENTS.—In meeting the  
2 purposes of the review conducted under subsection (a), as  
3 set forth in subsection (b), the Secretary of Defense shall  
4 address, in particular, the following:

5 (1) The extent to which National Guard and  
6 Reserve technicians are assigned military duties in-  
7 consistent with, or of a different nature than, their  
8 civilian duties, the impact of such assignments on  
9 unit readiness, and the effect of such assignments  
10 on the career progression of technicians.

11 (2) The use by the Department of Defense (es-  
12 pecially within the National Guard) of selective re-  
13 tention boards to separate National Guard and Re-  
14 serve technicians from military service (with the ef-  
15 fect of thereby separating them from civilian service)  
16 before they accrue a full, unreduced retirement an-  
17 nuity in connection with Federal civilian service, and  
18 whether that use is consistent with the authority in  
19 section 10216(f) of title 10, United States Code,  
20 that technicians be permitted to remain in service  
21 past their mandatory separation date until they  
22 qualify for an unreduced retirement annuity.

23 (3) The impact on recruitment and retention,  
24 and the budgetary impact, of permitting National  
25 Guard and Reserve technicians who receive an en-



1 listment incentive before becoming a technician to  
2 retain such incentive upon becoming a technician.

3 (f) REPORTING REQUIREMENT.—Not later than  
4 April 1, 2018, the Secretary of Defense shall submit to  
5 the Committees on Armed Services of the Senate and the  
6 House of Representatives a report containing—

7 (1) the results of the review conducted under  
8 subsection (a), including a discussion of the matters  
9 set forth in subsections (b) and (e); and

10 (2) such recommendations for legislative or ad-  
11 ministrative action as the Secretary considers appro-  
12 priate in light of the review in order to improve and  
13 enhance the employment, use, and status of Na-  
14 tional Guard and Reserve technicians.

15 **SEC. 575. ASSESSMENT AND REPORT ON EXPANDING AND**  
16 **CONTRACTING FOR CHILDCARE SERVICES OF**  
17 **THE DEPARTMENT OF DEFENSE.**

18 (a) ASSESSMENT REQUIRED.—The Secretary of De-  
19 fense shall conduct an assessment of the feasibility and  
20 advisability of the following:

21 (1) Expanding the operating hours of childcare  
22 facilities of the Department of Defense in order to  
23 meet childcare services requirements for swing-shift,  
24 night-shift, and weekend workers.

1           (2) Using contracts with private-sector  
2       childcare services providers to expand the availability  
3       of childcare services for members of the Armed  
4       Forces at locations outside military installations at  
5       costs similar to the current costs for childcare serv-  
6       ices through child development centers on military  
7       installations.

8           (3) Contracting with private-sector childcare  
9       services providers to operate childcare facilities of  
10      the Department on military installations.

11          (4) Expanding childcare services as described in  
12      paragraphs (1) through (3) to members of the Na-  
13      tional Guard and Reserves in a manner that does  
14      not substantially raise costs of childcare services for  
15      the military departments or conflict with others who  
16      have a higher priority for space in childcare services  
17      programs, such as members of the Armed Forces on  
18      active duty.

19      (b) REPORTING REQUIREMENT.—Not later than Sep-  
20      tember 1, 2018, the Secretary of Defense shall submit to  
21      the Committees on Armed Services of the Senate and the  
22      House of Representatives a report containing the results  
23      of the assessment conducted under subsection (a).

1 **SEC. 576. REVIEW AND REPORT ON COMPENSATION PRO-**  
2 **VIDED CHILDCARE SERVICES PROVIDERS OF**  
3 **THE DEPARTMENT OF DEFENSE.**

4 (a) REVIEW REQUIRED.—The Secretary of Defense  
5 shall conduct a review of the compensation provided for  
6 childcare services providers within the Department of De-  
7 fense, including positions subject to General Schedule pay  
8 grades and positions occupied by nonappropriated fund in-  
9 strumentality employees.

10 (b) ELEMENTS OF REVIEW.—The review conducted  
11 under subsection (a) shall include the following:

12 (1) A comparison of the compensation provided  
13 for childcare services provider positions within the  
14 Department with the compensation provided to  
15 childcare services providers in the private sector who  
16 provide similar childcare services.

17 (2) An assessment of the mix of General Sched-  
18 ule pay grades and compensation levels for non-  
19 appropriated fund instrumentality employees cur-  
20 rently required by the Department to most effec-  
21 tively recruit and retain childcare services providers  
22 for dependents of members of the Armed Forces.

23 (3) A comparison of the budget implications of  
24 the current General Schedule pay grade mix and  
25 nonappropriated fund instrumentality compensation  
26 levels with the pay grade mix and compensation lev-

1       els determined pursuant to paragraph (2) to be re-  
2       quired by the Department to most effectively recruit  
3       and retain childcare services providers for depend-  
4       ents of members of the Armed Forces.

5       (c) REPORTING REQUIREMENT.—Not later than Sep-  
6       tember 1, 2018, the Secretary of Defense shall submit to  
7       the Committees on Armed Services of the Senate and the  
8       House of Representatives a report containing the results  
9       of the review conducted under subsection (a).

10   **SEC. 577. COMPTROLLER GENERAL OF THE UNITED**  
11                   **STATES ASSESSMENT AND REPORT ON THE**  
12                   **OFFICE OF COMPLEX INVESTIGATIONS WITH-**  
13                   **IN THE NATIONAL GUARD BUREAU.**

14       (a) ASSESSMENT REQUIRED.—The Comptroller Gen-  
15       eral of the United States shall conduct an assessment on  
16       the purpose, structure, and effectiveness of the Office of  
17       Complex Investigations within the National Guard Bu-  
18       reau.

19       (b) ELEMENTS OF ASSESSMENT.—The assessment  
20       conducted under subsection (a) shall address the fol-  
21       lowing:

22               (1) The purpose of the Office of Complex Inves-  
23       tigations and the criteria used to determine which  
24       cases will be investigated by the office.

1           (2) The services provided by the Office of Com-  
2           plex Investigations.

3           (3) The authority under which the Office of  
4           Complex Investigations may investigate violations of  
5           State law.

6           (4) The structure of the Office of Complex In-  
7           vestigations, including—

8                   (A) the number of individuals assigned,  
9                   both permanently and temporarily, to the office;

10                   (B) the organizational structure of the of-  
11                   fice; and

12                   (C) the annual budget of the office, the  
13                   source of funding, and the extent to which  
14                   States are required to reimburse the Depart-  
15                   ment of Defense for activities conducted by the  
16                   office.

17           (5) The extent to which the investigations con-  
18           ducted by the Office of Complex Investigations could  
19           be conducted by another State or Federal entity.

20           (6) The policies governing the Office of Com-  
21           plex Investigations, and the extent to which the of-  
22           fice adheres to these policies.

23           (7) The training provided to investigators and  
24           other employees of the Office of Complex Investiga-  
25           tions.

1 (8) Any other matters the Comptroller General  
2 considers relevant to the assessment.

3 (c) REPORTING REQUIREMENT.—Not later than Oc-  
4 tober 31, 2018, the Comptroller General shall submit to  
5 the Committees on Armed Services of the Senate and the  
6 House of Representatives a report containing the results  
7 of the assessment conducted under subsection (a).

8 **SEC. 578. MODIFICATION OF SUBMITTAL DATE OF COMP-**  
9 **TROLLER GENERAL OF THE UNITED STATES**  
10 **REPORT ON INTEGRITY OF THE DEPART-**  
11 **MENT OF DEFENSE WHISTLEBLOWER PRO-**  
12 **GRAM.**

13 Section 536(a) of the National Defense Authorization  
14 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
15 2124) is amended by striking “18 months after the date  
16 of the enactment of this Act” and inserting “December  
17 31, 2018”.

18 **Subtitle I—Other Matters**

19 **SEC. 581. EXPANSION OF UNITED STATES AIR FORCE INSTI-**  
20 **TUTE OF TECHNOLOGY ENROLLMENT AU-**  
21 **THORITY TO INCLUDE CIVILIAN EMPLOYEES**  
22 **OF THE HOMELAND SECURITY INDUSTRY.**

23 (a) DEFINITION.—Subsection (b) of section 9314a of  
24 title 10, United States Code, is amended to read as fol-  
25 lows:

1       “(b) COVERED PRIVATE SECTOR EMPLOYEE DE-  
2 FINED.—(1) In this section, the term ‘covered private sec-  
3 tor employee’ means—

4               “(A) an individual employed by a private firm  
5 that is engaged in providing to the Department of  
6 Defense significant and substantial defense-related  
7 systems, products, or services; or

8               “(B) an individual employed by a private firm  
9 in one of the critical infrastructure sectors identified  
10 in Presidential Policy Directive 21 (Critical Infra-  
11 structure Security and Resilience).

12       “(2) A covered private sector employee admitted for  
13 instruction at the United States Air Force Institute of  
14 Technology remains eligible for such instruction only so  
15 long as the person remains employed by the same firm.”.

16       (b) USE OF DEFINED TERM.—Section 9314a of title  
17 10, United States Code, is amended—

18               (1) in subsection (a)—

19                       (A) in paragraph (1)—

20                               (i) by striking “defense industry em-  
21 ployees described in subsection (b)” and  
22 inserting “a covered private sector em-  
23 ployee”; and

1 (ii) by striking “Any such defense in-  
2 dustry employee” and inserting “A covered  
3 private sector employee”;

4 (B) in paragraph (2), by striking “defense  
5 industry employees” and inserting “covered pri-  
6 vate sector employees”; and

7 (C) in paragraph (3), by striking “defense  
8 industry employee” both places it appears and  
9 inserting “covered private sector employee”;  
10 (2) in subsection (c)—

11 (A) by striking “Defense industry employ-  
12 ees” and inserting “A covered private sector  
13 employee”; and

14 (B) by striking “defense industry employ-  
15 ees” and inserting “covered private sector em-  
16 ployees”;

17 (3) in subsection (d)(1), by striking “defense  
18 industry employees” and inserting “a covered pri-  
19 vate sector employee”; and

20 (4) in subsection (f), by striking “defense in-  
21 dustry employees” and inserting “covered private  
22 sector employees”.

23 (c) OTHER CONFORMING AMENDMENTS.—Section  
24 9314a of title 10, United States Code, is further amend-  
25 ed—



1 (1) in subsection (a)(1), by striking “a defense  
2 focused” and inserting “a defense-focused or home-  
3 land security-focused”; and

4 (2) in subsection (d)—

5 (A) in paragraph (1), by inserting “or  
6 homeland security” after “and defense”; and

7 (B) in paragraph (2), by inserting before  
8 the period at the end the following: “or the De-  
9 partment of Homeland Security, as applicable”.

10 (d) CLERICAL AMENDMENTS.—

11 (1) SECTION HEADING.—The heading of section  
12 9314a of title 10, United States Code, is amended  
13 to read as follows:

14 **“§ 9314a. United States Air Force Institute of Tech-**  
15 **nology: admission of certain private sec-**  
16 **tor civilians”.**

17 (2) TABLE OF SECTIONS.—The table of sections  
18 at the beginning of chapter 901 of title 10, United  
19 States Code, is amended by striking the item relat-  
20 ing to section 9314a and inserting the following new  
21 item:

“9314a. United States Air Force Institute of Technology: admission of certain  
private sector civilians.”.

1 **SEC. 582. CONDITIONAL DESIGNATION OF EXPLOSIVE ORD-**  
2 **NANCE DISPOSAL CORPS AS A BASIC BRANCH**  
3 **OF THE ARMY.**

4 (a) **CONDITIONAL DESIGNATION.**—Subject to sub-  
5 section (b), section 3063(a) of title 10, United States  
6 Code, is amended—

7 (1) in paragraph (12), by striking “and”;

8 (2) by redesignating paragraph (13) as para-  
9 graph (14); and

10 (3) by inserting after paragraph (12) the fol-  
11 lowing new paragraph (13):

12 “(13) Explosive Ordnance Disposal Corps;  
13 and”.

14 (b) **DELAYED EFFECTIVE DATE AND CONDITION ON**  
15 **EXECUTION.**—

16 (1) **EFFECTIVE DATE.**—The amendments made  
17 by subsection (a) shall take effect on October 1,  
18 2020, but only if the report required by paragraph  
19 (2) is not submitted before that date as required by  
20 such paragraph.

21 (2) **REPORTING REQUIREMENT.**—Not later than  
22 September 30, 2020, the Secretary of the Army  
23 shall submit to the Committees on Armed Services  
24 of the Senate and the House of Representatives a  
25 report containing certifications that the following ac-  
26 tions have occurred as of that date:

1 (A) The defense budget materials display  
2 funding requirements for explosive ordnance  
3 disposal separately and a program of record is  
4 established and maintained for explosive ord-  
5 nance disposal.

6 (B) A process has been established to en-  
7 sure that, by not later than five years after the  
8 date of the enactment of this Act, there is, and  
9 will continue to be, at least one general officer  
10 in the Army qualified regarding issues involving  
11 explosive ordnance disposal to ensure officer  
12 professional development and upward mobility.

13 (C) The Ordnance Personnel Proponency  
14 Office is, and will continue to be, manned with  
15 an explosive ordnance disposal officer to oversee  
16 explosive ordnance disposal officer and enlisted  
17 personnel proponency.

18 (D) Explosive ordnance disposal officer  
19 education has been included in a basic officer  
20 leadership course, a captains career course, and  
21 a policy and planning course specific to explo-  
22 sive ordnance disposal as part of intermediate  
23 level education and pre-command courses.

24 (E) The office of the Army Deputy Chief  
25 of Staff, G8, and the office of the Army Deputy

1 Chief of Staff, G3, have, and will continue to  
2 be, manned with explosive ordnance disposal of-  
3 ficers responsible for the decision management  
4 decision packages, ammunition organizational  
5 integration, and force modernization related to  
6 explosive ordnance disposal.

7 (F) The Army has established and main-  
8 tained explosive ordnance disposal cells at the  
9 Army Forces Command, Army Service Compo-  
10 nent Commands, Army Special Operations  
11 Command, Army Training and Doctrine Com-  
12 mand, and the Army Capability and Integration  
13 Center.

14 (3) NOTICE OF REPORT.—The Secretary of the  
15 Army shall notify the Law Revision Counsel of the  
16 House of Representatives of the submission of the  
17 report under paragraph (2) so that the Law Revi-  
18 sion Counsel does not execute the amendments made  
19 by subsection (a).

1 **SEC. 583. DESIGNATION OF OFFICE WITHIN OFFICE OF THE**  
2 **SECRETARY OF DEFENSE TO OVERSEE USE**  
3 **OF FOOD ASSISTANCE PROGRAMS BY MEM-**  
4 **BERS OF THE ARMED FORCES ON ACTIVE**  
5 **DUTY.**

6 Not later than 90 days after the date of the enact-  
7 ment of this Act, the Secretary of Defense shall designate  
8 an office or official within the Office of the Secretary of  
9 Defense for purposes as follows:

10 (1) To discharge responsibility for overseeing  
11 the efforts of the Department of Defense to collect,  
12 analyze, and monitor data on the use of food assist-  
13 ance programs by members of the Armed Forces on  
14 active duty.

15 (2) To establish and maintain relationships  
16 with other departments and agencies of the Federal  
17 Government to facilitate the discharge of the respon-  
18 sibility specified in paragraph (1).

19 **TITLE VI—COMPENSATION AND**  
20 **OTHER PERSONNEL BENEFITS**

Subtitle A—Pay and Allowances

- Sec. 601. Annual adjustment of basic monthly pay.  
Sec. 602. Prohibiting collection of additional amounts from members living in units under Military Housing Privatization Initiative.  
Sec. 603. Limitation on modification of payment authority for Military Housing Privatization Initiative housing.  
Sec. 604. Housing treatment for certain members of the Armed Forces, and their spouses and other dependents, undergoing a permanent change of station within the United States.  
Sec. 605. Extension of authority to provide temporary increase in rates of basic allowance for housing under certain circumstances.

Sec. 606. Reevaluation of BAH for the military housing area including Staten Island.

Subtitle B—Bonus and Special and Incentive Pays

Sec. 611. One-year extension of certain bonus and special pay authorities for reserve forces.

Sec. 612. One-year extension of certain bonus and special pay authorities for health care professionals.

Sec. 613. One-year extension of special pay and bonus authorities for nuclear officers.

Sec. 614. One-year extension of authorities relating to title 37 consolidated special pay, incentive pay, and bonus authorities.

Sec. 615. One-year extension of authorities relating to payment of other title 37 bonuses and special pays.

Sec. 616. Report regarding the national pilot shortage.

Sec. 617. Special aviation incentive pay and bonus authorities for enlisted members who operate remotely piloted aircraft.

Sec. 618. Technical and conforming amendments relating to 2008 consolidation of special pay authorities.

Subtitle C—Disability Pay, Retired Pay, and Survivor Benefits

Sec. 621. Permanent extension and cost-of-living adjustments of special survivor indemnity allowances under the Survivor Benefit Plan.

Sec. 622. Adjustments to Survivor Benefit Plan for members electing lump sum payments of retired pay under the modernized retirement system for members of the uniformed services.

Sec. 623. Technical correction regarding election to participate in modernized retirement system for reserve component members experiencing a break in service.

Sec. 624. Technical corrections to use of member's current pay grade and years of service in a division of property involving disposable retired pay.

Sec. 625. Continuation pay for the Coast Guard.

Subtitle D—Other Matters

Sec. 631. Land conveyance authority, Army and Air Force Exchange Service property, Dallas, Texas.

Sec. 632. Authority for the Secretaries of the military departments to provide for care of remains of those who die on active duty and are interred in a foreign cemetery.

Sec. 633. Construction of domestic source requirement for footwear furnished to enlisted members of the Armed Forces on initial entry into the Armed Forces.

Sec. 634. Review and update of regulations governing debt collectors interactions with unit commanders of members of the Armed Forces.

1       **Subtitle A—Pay and Allowances**

2       **SECTION 601. ANNUAL ADJUSTMENT OF BASIC MONTHLY**  
3                       **PAY.**

4           The adjustment in the rates of monthly basic pay re-  
5       quired by subsection (a) of section 1009 of title 37, United  
6       States Code, to be made on January 1, 2018, shall take  
7       effect, notwithstanding any determination made by the  
8       President under subsection (e) of such section with respect  
9       to an alternative pay adjustment to be made on such date.

10       **SEC. 602. PROHIBITING COLLECTION OF ADDITIONAL**  
11                       **AMOUNTS FROM MEMBERS LIVING IN UNITS**  
12                       **UNDER MILITARY HOUSING PRIVATIZATION**  
13                       **INITIATIVE.**

14           (a) PROHIBITION.—Subchapter IV of chapter 169 of  
15       title 10, United States Code, is amended by adding at the  
16       end the following new section:

17       **“§ 2886. Prohibiting collection of amounts in addition**  
18                       **to rent from members assigned to units**

19           “(a) PROHIBITION.—An agreement for acquiring or  
20       constructing a military family housing unit or military un-  
21       accompanied housing unit under this subchapter which is  
22       entered into between the Secretary and an eligible entity  
23       shall prohibit the entity from imposing on a member of  
24       the armed forces who occupies the unit a supplemental  
25       payment, such as an out-of-pocket fee, in addition to the

1 amount of rent the eligible entity charges for a unit of  
2 similar size and composition, without regard to whether  
3 or not the amount of the member's basic allowance for  
4 housing is less than the amount of the rent.

5       “(b) PERMITTING CERTAIN ADDITIONAL PAY-  
6 MENTS.—Nothing in this section shall be construed to pro-  
7 hibit an eligible entity from imposing an additional pay-  
8 ment for optional services provided to residents, such as  
9 access to a gym or a parking space, or an additional pay-  
10 ment for non-essential utility services, as determined in  
11 accordance with regulations promulgated by the Secretary.

12       “(c) NO EFFECT ON RENTAL GUARANTEES OR DIF-  
13 FERENTIAL LEASE PAYMENTS.—Nothing in this section  
14 shall be construed to limit or otherwise affect the authority  
15 of the Secretary to enter into rental guarantee agreements  
16 under section 2876 of this title or to make differential  
17 lease payments under section 2877 of this title, so long  
18 as such agreements or payments do not require a member  
19 of the armed forces who is assigned to a military family  
20 housing unit or military unaccompanied housing unit  
21 under this subchapter to pay an out-of-pocket fee or pay-  
22 ment in addition to the member's basic housing allow-  
23 ance.”.



1 (b) CLERICAL AMENDMENT.—The table of sections  
2 for subchapter IV of chapter 169 of such title is amended  
3 by adding at the end the following new item:

“2886. Prohibiting collection of amounts in addition to rent from members assigned to units.”.

4 **SEC. 603. LIMITATION ON MODIFICATION OF PAYMENT AU-**  
5 **THORITY FOR MILITARY HOUSING PRIVAT-**  
6 **IZATION INITIATIVE HOUSING.**

7 (a) IN GENERAL.—For each month during 2018, the  
8 Secretary of Defense shall pay to a lessor of covered hous-  
9 ing 1 percent of the amount calculated under section  
10 403(b)(3)(A)(i) of title 37, United States Code, for the  
11 area in which the covered housing exists.

12 (b) DEFINITION.—In this section, the term “covered  
13 housing” means a unit of housing—

14 (1) acquired or constructed under the alter-  
15 native authority of subchapter IV of chapter 169 of  
16 title 10, United States Code (known as the Military  
17 Housing Privatization Initiative);

18 (2) that is leased to a member of a uniformed  
19 service who resides in such unit; and

20 (3) for which the lessor charges such member  
21 rent that equals or exceeds the amount calculated  
22 under section 403(b)(3)(A) of title 37, United States  
23 Code.

1 (c) GAO REVIEW.—Not later than March 1, 2018,  
2 the Comptroller General of the United States shall submit  
3 to the Committees on Armed Services of the House of  
4 Representatives and the Senate a review of the following:

5 (1) The management of the Military Housing  
6 Privatization Initiative to date.

7 (2) Plans for the Military Housing Privatization  
8 Initiative after March 1, 2018.

9 (3) The viability of the Military Housing Pri-  
10 vatization Initiative after March 1, 2018.

11 (4) Alternatives to the Military Housing Privat-  
12 ization Initiative.

13 **SEC. 604. HOUSING TREATMENT FOR CERTAIN MEMBERS**  
14 **OF THE ARMED FORCES, AND THEIR**  
15 **SPOUSES AND OTHER DEPENDENTS, UNDER-**  
16 **GOING A PERMANENT CHANGE OF STATION**  
17 **WITHIN THE UNITED STATES.**

18 (a) HOUSING TREATMENT.—

19 (1) IN GENERAL.—Chapter 7 of title 37, United  
20 States Code, is amended by inserting after section  
21 403 the following new section:

1 **“§ 403a. Housing treatment for certain members of**  
2 **the armed forces, and their spouses and**  
3 **other dependents, undergoing a perma-**  
4 **nent change of station within the United**  
5 **States**

6 “(a) HOUSING TREATMENT FOR CERTAIN MEMBERS  
7 WHO HAVE A SPOUSE OR OTHER DEPENDENTS.—

8 “(1) HOUSING TREATMENT REGULATIONS.—

9 The Secretary of Defense shall prescribe regulations  
10 that permit a member of the armed forces described  
11 in paragraph (2) who is undergoing a permanent  
12 change of station within the United States to re-  
13 quest the housing treatment described in subsection  
14 (b) during the covered relocation period of the mem-  
15 ber.

16 “(2) ELIGIBLE MEMBERS.—A member de-  
17 scribed in this paragraph is any member who—

18 “(A) has a spouse who is gainfully em-  
19 ployed or enrolled in a degree, certificate or li-  
20 cense granting program at the beginning of the  
21 covered relocation period;

22 “(B) has one or more dependents attend-  
23 ing an elementary or secondary school at the  
24 beginning of the covered relocation period;

25 “(C) has one or more dependents enrolled  
26 in the Exceptional Family Member Program; or

1           “(D) is caring for an immediate family  
2           member with a chronic or long-term illness at  
3           the beginning of the covered relocation period.

4           “(b) HOUSING TREATMENT.—

5           “(1) CONTINUATION OF HOUSING FOR THE  
6           SPOUSE AND OTHER DEPENDENTS.—If a spouse or  
7           other dependent of a member whose request under  
8           subsection (a) is approved resides in Government-  
9           owned or Government-leased housing at the begin-  
10          ning of the covered relocation period, the spouse or  
11          other dependent may continue to reside in such  
12          housing during a period determined in accordance  
13          with the regulations prescribed pursuant to this sec-  
14          tion.

15          “(2) EARLY HOUSING ELIGIBILITY.—If a  
16          spouse or other dependent of a member whose re-  
17          quest under subsection (a) is approved is eligible to  
18          reside in Government-owned or Government-leased  
19          housing following the member’s permanent change  
20          of station within the United States, the spouse or  
21          other dependent may commence residing in such  
22          housing at any time during the covered relocation  
23          period.

24          “(3) TEMPORARY USE OF GOVERNMENT-OWNED  
25          OR GOVERNMENT-LEASED HOUSING INTENDED FOR

1 MEMBERS WITHOUT A SPOUSE OR DEPENDENT.—If  
2 a spouse or other dependent of a member relocates  
3 at a time different from the member in accordance  
4 with a request approved under subsection (a), the  
5 member may be assigned to Government-owned or  
6 Government-leased housing intended for the perma-  
7 nent housing of members without a spouse or de-  
8 pendent until the member’s detachment date or the  
9 spouse or other dependent’s arrival date, but only if  
10 such Government-owned or Government-leased hous-  
11 ing is available without displacing a member without  
12 a spouse or dependent at such housing.

13 “(4) EQUITABLE BASIC ALLOWANCE FOR HOUS-  
14 ING.—If a spouse or other dependent of a member  
15 relocates at a time different from the member in ac-  
16 cordance with a request approved under subsection  
17 (a), the amount of basic allowance for housing pay-  
18 able may be based on whichever of the following  
19 areas the Secretary concerned determines to be the  
20 most equitable:

21 “(A) The area of the duty station to which  
22 the member is reassigned.

23 “(B) The area in which the spouse or  
24 other dependent resides, but only if the spouse  
25 or other dependent resides in that area when

1           the member departs for the duty station to  
2           which the member is reassigned, and only for  
3           the period during which the spouse or other de-  
4           pendent resides in that area.

5           “(C) The area of the former duty station  
6           of the member, but only if that area is different  
7           from the area in which the spouse or other de-  
8           pendent resides.

9           “(e) RULE OF CONSTRUCTION RELATED TO CERTAIN  
10          BASIC ALLOWANCE FOR HOUSING PAYMENTS.—Nothing  
11          in this section shall be construed to limit the payment or  
12          the amount of basic allowance for housing payable under  
13          section 403(d)(3)(A) of this title to a member whose re-  
14          quest under subsection (a) is approved.

15          “(d) HOUSING TREATMENT EDUCATION.—The regu-  
16          lations prescribed pursuant to this section shall ensure the  
17          relocation assistance programs under section 1056 of title  
18          10 include, as part of the assistance normally provided  
19          under such section, education about the housing treatment  
20          available under this section.

21          “(e) DEFINITIONS.—In this section:

22                  “(1) COVERED RELOCATION PERIOD.—(A) Sub-  
23          ject to subparagraph (B), the term ‘covered reloca-  
24          tion period’, when used with respect to a permanent

1 change of station of a member of the armed forces,  
2 means the period that—

3 “(i) begins 180 days before the date of the  
4 permanent change of station; and

5 “(ii) ends 180 days after the date of the  
6 permanent change of station.

7 “(B) The regulations prescribed pursuant to  
8 this section may provide for a shortening or length-  
9 ening of the covered relocation period of a member  
10 for purposes of this section.

11 “(2) DEPENDENT.—The term ‘dependent’ has  
12 the meaning given that term in section 401 of this  
13 title.

14 “(3) PERMANENT CHANGE OF STATION.—The  
15 term ‘permanent change of station’ means a perma-  
16 nent change of station described in section 452(b)(2)  
17 of t *his* title.”.

18 (2) CLERICAL AMENDMENT.—The table of sec-  
19 tions at the beginning of chapter 7 such title is  
20 amended by inserting after the item relating to sec-  
21 tion 403 the following new item:

“403a. Housing treatment for certain members of the armed forces, and their spouses and other dependents, undergoing a permanent change of station within the United States.”.

22 (b) EFFECTIVE DATE.—The amendments made by  
23 this section shall take effect on October 1, 2018.

1 **SEC. 605. EXTENSION OF AUTHORITY TO PROVIDE TEM-**  
2 **PORARY INCREASE IN RATES OF BASIC AL-**  
3 **LOWANCE FOR HOUSING UNDER CERTAIN**  
4 **CIRCUMSTANCES.**

5 Section 403(b)(7)(E) of title 37, United States Code,  
6 is amended by striking “December 31, 2017” and insert-  
7 ing “December 31, 2018”.

8 **SEC. 606. REEVALUATION OF BAH FOR THE MILITARY**  
9 **HOUSING AREA INCLUDING STATEN ISLAND.**

10 Not later than 90 days after the date of the enact-  
11 ment of this Act, the Secretary of Defense, using the most  
12 recent data available to the Secretary, shall reevaluate the  
13 basic housing allowance prescribed under section 403(b)  
14 of title 37, United States Code, for the military housing  
15 area that includes Staten Island, New York.

16 **Subtitle B—Bonus and Special and**  
17 **Incentive Pays**

18 **SEC. 611. ONE-YEAR EXTENSION OF CERTAIN BONUS AND**  
19 **SPECIAL PAY AUTHORITIES FOR RESERVE**  
20 **FORCES.**

21 The following sections of title 37, United States  
22 Code, are amended by striking “December 31, 2017” and  
23 inserting “December 31, 2018”:

24 (1) Section 308b(g), relating to Selected Re-  
25 serve reenlistment bonus.



1           (2) Section 308c(i), relating to Selected Reserve  
2           affiliation or enlistment bonus.

3           (3) Section 308d(c), relating to special pay for  
4           enlisted members assigned to certain high-priority  
5           units.

6           (4) Section 308g(f)(2), relating to Ready Re-  
7           serve enlistment bonus for persons without prior  
8           service.

9           (5) Section 308h(e), relating to Ready Reserve  
10          enlistment and reenlistment bonus for persons with  
11          prior service.

12          (6) Section 308i(f), relating to Selected Reserve  
13          enlistment and reenlistment bonus for persons with  
14          prior service.

15          (7) Section 478a(e), relating to reimbursement  
16          of travel expenses for inactive-duty training outside  
17          of normal commuting distance.

18          (8) Section 910(g), relating to income replace-  
19          ment payments for reserve component members ex-  
20          periencing extended and frequent mobilization for  
21          active duty service.

1 **SEC. 612. ONE-YEAR EXTENSION OF CERTAIN BONUS AND**  
2 **SPECIAL PAY AUTHORITIES FOR HEALTH**  
3 **CARE PROFESSIONALS.**

4 (a) TITLE 10 AUTHORITIES.—The following sections  
5 of title 10, United States Code, are amended by striking  
6 “December 31, 2017” and inserting “December 31,  
7 2018”:

8 (1) Section 2130a(a)(1), relating to nurse offi-  
9 cer candidate accession program.

10 (2) Section 16302(d), relating to repayment of  
11 education loans for certain health professionals who  
12 serve in the Selected Reserve.

13 (b) TITLE 37 AUTHORITIES.—The following sections  
14 of title 37, United States Code, are amended by striking  
15 “December 31, 2017” and inserting “December 31,  
16 2018”:

17 (1) Section 302c-1(f), relating to accession and  
18 retention bonuses for psychologists.

19 (2) Section 302d(a)(1), relating to accession  
20 bonus for registered nurses.

21 (3) Section 302e(a)(1), relating to incentive  
22 special pay for nurse anesthetists.

23 (4) Section 302g(e), relating to special pay for  
24 Selected Reserve health professionals in critically  
25 short wartime specialties.

1           (5) Section 302h(a)(1), relating to accession  
2           bonus for dental officers.

3           (6) Section 302j(a), relating to accession bonus  
4           for pharmacy officers.

5           (7) Section 302k(f), relating to accession bonus  
6           for medical officers in critically short wartime spe-  
7           cialties.

8           (8) Section 302l(g), relating to accession bonus  
9           for dental specialist officers in critically short war-  
10          time specialties.

11 **SEC. 613. ONE-YEAR EXTENSION OF SPECIAL PAY AND**  
12                   **BONUS AUTHORITIES FOR NUCLEAR OFFI-**  
13                   **CERS.**

14          The following sections of title 37, United States  
15          Code, are amended by striking “December 31, 2017” and  
16          inserting “December 31, 2018”:

17           (1) Section 312(f), relating to special pay for  
18           nuclear-qualified officers extending period of active  
19           service.

20           (2) Section 312b(c), relating to nuclear career  
21           accession bonus.

22           (3) Section 312c(d), relating to nuclear career  
23           annual incentive bonus.

1 **SEC. 614. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**  
2 **ING TO TITLE 37 CONSOLIDATED SPECIAL**  
3 **PAY, INCENTIVE PAY, AND BONUS AUTHORI-**  
4 **TIES.**

5 The following sections of title 37, United States  
6 Code, are amended by striking “December 31, 2017” and  
7 inserting “December 31, 2018”:

8 (1) Section 331(h), relating to general bonus  
9 authority for enlisted members.

10 (2) Section 332(g), relating to general bonus  
11 authority for officers.

12 (3) Section 333(i), relating to special bonus and  
13 incentive pay authorities for nuclear officers.

14 (4) Section 334(i), relating to special aviation  
15 incentive pay and bonus authorities for officers.

16 (5) Section 335(k), relating to special bonus  
17 and incentive pay authorities for officers in health  
18 professions.

19 (6) Section 336(g), relating to contracting  
20 bonus for cadets and midshipmen enrolled in the  
21 Senior Reserve Officers’ Training Corps.

22 (7) Section 351(h), relating to hazardous duty  
23 pay.

24 (8) Section 352(g), relating to assignment pay  
25 or special duty pay.

1           (9) Section 353(i), relating to skill incentive  
2           pay or proficiency bonus.

3           (10) Section 355(h), relating to retention incen-  
4           tives for members qualified in critical military skills  
5           or assigned to high priority units.

6 **SEC. 615. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**  
7 **ING TO PAYMENT OF OTHER TITLE 37 BO-**  
8 **NUSES AND SPECIAL PAYS.**

9           The following sections of title 37, United States  
10          Code, are amended by striking “December 31, 2017” and  
11          inserting “December 31, 2018”:

12           (1) Section 301b(a), relating to aviation officer  
13           retention bonus.

14           (2) Section 307a(g), relating to assignment in-  
15           centive pay.

16           (3) Section 308(g), relating to reenlistment  
17           bonus for active members.

18           (4) Section 309(e), relating to enlistment  
19           bonus.

20           (5) Section 316a(g), relating to incentive pay  
21           for members of precommissioning programs pur-  
22           suing foreign language proficiency.

23           (6) Section 324(g), relating to accession bonus  
24           for new officers in critical skills.

1           (7) Section 326(g), relating to incentive bonus  
2           for conversion to military occupational specialty to  
3           ease personnel shortage.

4           (8) Section 327(h), relating to incentive bonus  
5           for transfer between Armed Forces.

6           (9) Section 330(f), relating to accession bonus  
7           for officer candidates.

8   **SEC. 616. REPORT REGARDING THE NATIONAL PILOT**  
9                                   **SHORTAGE.**

10          (a) IN GENERAL.—Not later than April 30, 2018, the  
11          Comptroller General of the United States shall submit to  
12          the Committees on Armed Services of the House of Rep-  
13          resentatives and the Senate a report regarding the extent  
14          of the national pilot shortage and the impact that such  
15          shortage has on the ability of the Department of Defense  
16          to retain pilots.

17          (b) ELEMENTS.—The report under subsection (a)  
18          shall include assessments of the following:

19                  (1) The severity of the national pilot shortage,  
20                  including which of the following are most acutely af-  
21                  fected by such shortage—

22                                  (A) geographic areas of the United States;

23                                  and

24                                  (B) sectors of the commercial aviation in-  
25                  dustry;

1           (2) Compensation practices within the commer-  
2           cial aviation industry, including whether and how  
3           such practices affect the ability of the Department  
4           of Defense to retain pilots.

5           (3) The annual business case of the Secretary  
6           of the Air Force for aviation bonus payments under  
7           section 334(c)(2) of title 37, United States Code,  
8           specifically—

9                   (A) whether the business case meets the  
10                  requirements under such section of title 37;

11                   (B) whether the business case justifies the  
12                  bonus amount for each aircraft type category;  
13                  and

14                   (C) whether projections indicate that the  
15                  business case will reduce the pilot shortage,  
16                  and, if so, how quickly for each aircraft type  
17                  category.

18           (4) Non-monetary incentives the Secretary of  
19           the Air Force has used to retain pilots.

20           (5) Other incentives available under current law  
21           and policies of the Department of Defense to in-  
22           crease retention of pilots.

23           (6) Such other matters as the Comptroller Gen-  
24           eral considers appropriate.

1 **SEC. 617. SPECIAL AVIATION INCENTIVE PAY AND BONUS**  
2 **AUTHORITIES FOR ENLISTED MEMBERS WHO**  
3 **OPERATE REMOTELY PILOTED AIRCRAFT.**

4 (a) IN GENERAL.—Chapter 5 of title 37, United  
5 States Code, is amended by inserting after section 334 the  
6 following new section:

7 **“§ 334a. Special aviation incentive pay and bonus au-**  
8 **thorities: enlisted members who operate**  
9 **remotely piloted aircraft**

10 “(a) AVIATION INCENTIVE PAY.—

11 “(1) INCENTIVE PAY AUTHORIZED.—The Sec-  
12 retary concerned may pay aviation incentive pay  
13 under this section to an enlisted member in a reg-  
14 ular or reserve component of a uniformed service  
15 who—

16 “(A) is entitled to basic pay under section  
17 204 of this title or compensation under 206 of  
18 this title;

19 “(B) is designated as a remotely piloted  
20 aircraft pilot, or is in training leading to such  
21 a designation;

22 “(C) engages in, or is in training leading  
23 to, frequent and regular performance of oper-  
24 ational flying duty or proficiency flying duty;

25 “(D) engages in or remains in aviation  
26 service for a specified period; and



1           “(E) meets such other criteria as the Sec-  
2           retary concerned determines appropriate.

3           “(2) ENLISTED MEMBERS NOT CURRENTLY EN-  
4           GAGED IN FLYING DUTY.—The Secretary concerned  
5           may pay aviation incentive pay under this section to  
6           an enlisted member who is otherwise qualified for  
7           such pay but who is not currently engaged in the  
8           performance of operational flying duty or proficiency  
9           flying duty if the Secretary determines, under regu-  
10          lations prescribed under section 374 of this title,  
11          that payment of aviation pay to that enlisted mem-  
12          ber is in the best interests of the service.

13          “(b) AVIATION BONUS.—The Secretary concerned  
14          may pay an aviation bonus under this section to an en-  
15          listed member in a regular or reserve component of a uni-  
16          formed service who—

17                 “(1) is entitled to aviation incentive pay under  
18                 subsection (a);

19                 “(2) is within one year of completing the enlist-  
20                 ment of the member;

21                 “(3) reenlists or voluntarily extends the enlist-  
22                 ment of the member—

23                         “(A) for a period of at least one year; or

1           “(B) in the case of an enlisted member  
2           serving pursuant to an indefinite reenlistment,  
3           executes a written agreement—

4                   “(i) to remain on active duty for a pe-  
5                   riod of at least one year; or

6                   “(ii) to remain in an active status in  
7                   a reserve component for a period of at  
8                   least one year; and

9           “(4) meets such other criteria as the Secretary  
10          concerned determines appropriate.

11          “(c) MAXIMUM AMOUNT AND METHOD OF PAY-  
12          MENT.—

13               “(1) MAXIMUM AMOUNT.—The Secretary con-  
14               cerned shall determine the amount of a bonus or in-  
15               centive pay to be paid under this section, except  
16               that—

17                   “(A) aviation incentive pay under sub-  
18                   section (a) shall be paid at a monthly rate not  
19                   to exceed \$1,000 per month; and

20                   “(B) an aviation bonus under subsection  
21                   (b) may not exceed \$35,000 for each 12-month  
22                   period of obligated service agreed to under sub-  
23                   section (d).

24               “(2) LUMP SUM OR INSTALLMENTS.—A bonus  
25               under this section may be paid in a lump sum or in

1 periodic installments, as determined by the Secretary  
2 concerned.

3 “(3) **FIXING BONUS AMOUNT.**—Upon accept-  
4 ance by the Secretary concerned of the written  
5 agreement required by subsection (d), the total  
6 amount of the bonus to be paid under the agreement  
7 shall be fixed.

8 “(d) **WRITTEN AGREEMENT FOR BONUS.**—To receive  
9 an aviation bonus under this section, an enlisted member  
10 determined to be eligible for the bonus shall enter into  
11 a written agreement with the Secretary concerned that  
12 specifies—

13 “(1) the amount of the bonus;

14 “(2) the method of payment of the bonus under  
15 subsection (c)(2);

16 “(3) the period of obligated service; and

17 “(4) the type or conditions of the service.

18 “(e) **RESERVE COMPONENT ENLISTED MEMBERS**  
19 **PERFORMING INACTIVE DUTY TRAINING.**—An enlisted  
20 member of reserve component who is entitled to compensa-  
21 tion under section 206 of this title and who is authorized  
22 aviation incentive pay under this section may be paid an  
23 amount of incentive pay that is proportionate to the com-  
24 pensation received under section 206 of this title for inac-  
25 tive-duty training.

1       “(f) RELATIONSHIP TO OTHER PAY AND ALLOW-  
2 ANCES.—

3               “(1) AVIATION INCENTIVE PAY.—Aviation in-  
4 centive pay paid to an enlisted member under sub-  
5 section (a) shall be in addition to any other pay and  
6 allowance to which the enlisted member is entitled,  
7 except that an enlisted member may not receive a  
8 payment under such subsection and section  
9 351(a)(2) or 353(a) of this title for the same skill  
10 and period of service.

11               “(2) AVIATION BONUS.—An aviation bonus  
12 paid to an enlisted member under subsection (b)  
13 shall be in addition to any other pay and allowance  
14 to which the enlisted member is entitled, except that  
15 an enlisted member may not receive a bonus pay-  
16 ment under such subsection and section 331 or  
17 353(b) of this title for the same skill and period of  
18 service.

19               “(g) REPAYMENT.—An enlisted member who receives  
20 aviation incentive pay or an aviation bonus under this sec-  
21 tion and who fails to fulfill the eligibility requirements for  
22 the receipt of the incentive pay or bonus or complete the  
23 period of service for which the incentive pay or bonus is  
24 paid, as specified in the written agreement under sub-

1 section (d) in the case of a bonus, shall be subject to the  
2 repayment provisions of section 373 of this title.

3 “(h) DEFINITIONS.—In this section:

4 “(1) AVIATION SERVICE.—The term ‘aviation  
5 service’ means participation in aerial flight per-  
6 formed, under regulations prescribed by the Sec-  
7 retary concerned, by an eligible enlisted member who  
8 is a remotely piloted aircraft pilot.

9 “(2) OPERATIONAL FLYING DUTY.—The term  
10 ‘operational flying duty’ means flying performed  
11 under competent orders by enlisted members of the  
12 regular or reserve components while serving in as-  
13 signments in which basic flying skills are normally  
14 maintained in the performance of assigned duties as  
15 determined by the Secretary concerned, and flying  
16 duty performed by members in training that leads to  
17 designation as a remotely piloted aircraft pilot by  
18 the Secretary concerned.

19 “(3) PROFICIENCY FLYING DUTY.—The term  
20 ‘proficiency flying duty’ means flying performed  
21 under competent orders by enlisted members of the  
22 regular or reserve components while serving in as-  
23 signments in which such skills would normally not  
24 be maintained in the performance of assigned duties.

1       “(i) **TERMINATION OF AUTHORITY.**—No agreement  
2 may be entered into under this section after December 31,  
3 2018.”.

4       (b) **CLERICAL AMENDMENT.**—The table of sections  
5 at the beginning of chapter 5 of such title is amended by  
6 inserting after the item relating to section 334 the fol-  
7 lowing new item:

      “334a. Special aviation incentive pay and bonus authorities: enlisted members  
          who operate remotely piloted aircraft.”.

8       **SEC. 618. TECHNICAL AND CONFORMING AMENDMENTS RE-**  
9                               **LATING TO 2008 CONSOLIDATION OF SPECIAL**  
10                              **PAY AUTHORITIES.**

11       (a) **REPAYMENT PROVISIONS.**—

12               (1) **TITLE 10.**—The following provisions of title  
13 10, United States Code, are each amended by insert-  
14 ing “or 373” before “of title 37”:

15                       (A) Section 510(i).

16                       (B) Subsections (a)(3) and (c) of section  
17 2005.

18                       (C) Paragraphs (1) and (2) of section  
19 2007(e).

20                       (D) Section 2105.

21                       (E) Section 2123(e)(1)(C).

22                       (F) Section 2128(e).

23                       (G) Section 2130a(d).

24                       (H) Section 2171(g).

1 (I) Section 2173(g)(2).

2 (J) Paragraphs (1) and (2) of section  
3 2200a(e).

4 (K) Section 4348(f).

5 (L) Section 6959(f).

6 (M) Section 9348(f).

7 (N) Subsections (a)(2) and (b) of section  
8 16135.

9 (O) Section 16203(a)(1)(B).

10 (P) Section 16301(h).

11 (Q) Section 16303(d).

12 (R) Paragraphs (1) and (2) of section  
13 16401(f).

14 (2) TITLE 14.—Section 182(g) of title 14,  
15 United States Code, is amended by inserting “or  
16 373” before “of title 37”.

17 (b) OFFICERS APPOINTED PURSUANT TO AN AGREE-  
18 MENT UNDER SECTION 329 OF TITLE 37.—Section 641  
19 of title 10, United States Code, is amended by striking  
20 paragraph (6).

21 (c) REENLISTMENT LEAVE.—The matter preceding  
22 paragraph (1) of section 703(b) of title 10, United States  
23 Code, is amended by inserting “or paragraph (1) or (3)  
24 of section 351(a)” after “section 310(a)(2)”.

1 (d) REST AND RECUPERATION ABSENCE FOR QUALI-  
2 FIED MEMBERS EXTENDING DUTY AT DESIGNATED LO-  
3 CATION OVERSEAS.—The matter following paragraph (4)  
4 of section 705(a) of title 10, United States Code, is  
5 amended by inserting “or 352” after “section 314”.

6 (e) REST AND RECUPERATION ABSENCE FOR CER-  
7 TAIN MEMBERS UNDERGOING EXTENDED DEPLOYMENT  
8 TO COMBAT ZONE.—Section 705a(b)(1)(B) of title 10,  
9 United States Code, is amended by inserting “or 352(a)”  
10 after “section 305”.

11 (f) ADDITIONAL INCENTIVES FOR HEALTH PROFES-  
12 SIONALS OF THE INDIAN HEALTH SERVICE.—Section  
13 116(a) of the Indian Health Care Improvement Act (25  
14 U.S.C. 1616i(a)) is amended by inserting “or 335(b)”  
15 after “section 302(b)”.

16 (g) MILITARY PAY AND ALLOWANCES CONTINUANCE  
17 WHILE IN A MISSING STATUS.—Section 552(a)(2) of title  
18 37, United States Code, is amended by inserting “or sec-  
19 tion 351(a)(2)” after “section 301”.

20 (h) MILITARY PAY AND ALLOWANCES.—Section  
21 907(d) of title 37, United States Code, is amended—

22 (1) in paragraph (1)—

23 (A) in subparagraph (A), by inserting “or  
24 351” after “section 301”;



1 (B) in subparagraph (B), by inserting “or  
2 352” after “section 301c”;

3 (C) in subparagraph (C), by inserting “or  
4 353(a)” after “section 304”;

5 (D) in subparagraph (D), by inserting “or  
6 352” after “section 305”;

7 (E) in subparagraph (E), by inserting “or  
8 352” after “section 305a”;

9 (F) in subparagraph (F), by inserting “or  
10 352” after “section 305b”;

11 (G) in subparagraph (G), by inserting “or  
12 352” after “section 307a”;

13 (H) in subparagraph (I), by inserting “or  
14 352” after “section 314”;

15 (I) in subparagraph (J), by striking “316”  
16 and inserting “353(b)”;

17 (J) in subparagraph (K), by striking  
18 “323” and inserting “section 355”;

19 (2) in paragraph (2)—

20 (A) in subparagraph (A), by inserting “or  
21 352” after “section 307”;

22 (B) in subparagraph (B), by striking  
23 “308” and inserting “331”;

24 (C) in subparagraph (C), by striking  
25 “309” and inserting “331”;

1 (D) in subparagraph (D), by inserting “or  
2 353” after “section 320”.

3 (i) PAY AND ALLOWANCES OF OFFICERS OF THE  
4 PUBLIC HEALTH SERVICE.—Section 208(a)(2) of the  
5 Public Health Service Act (42 U.S.C. 210(a)(2)) is  
6 amended by inserting “or 373” after “303a(b)”.

7 **Subtitle C—Disability Pay, Retired**  
8 **Pay, and Survivor Benefits**

9 **SEC. 621. PERMANENT EXTENSION AND COST-OF-LIVING**  
10 **ADJUSTMENTS OF SPECIAL SURVIVOR IN-**  
11 **DEMNITY ALLOWANCES UNDER THE SUR-**  
12 **VIVOR BENEFIT PLAN.**

13 Section 1450(m) of title 10, United States Code, is  
14 amended—

15 (1) in paragraph (2)—

16 (A) in subparagraph (H), by striking  
17 “and” at the end; and

18 (B) by striking subparagraph (I) and in-  
19 serting the following new subparagraphs:

20 “(I) for months from October 2016  
21 through December 2018, \$310; and

22 “(J) for months during any calendar year  
23 after 2018, the amount determined in accord-  
24 ance with paragraph (6).”; and

1           (2) by striking paragraph (6) and inserting the  
2 following new paragraph (6):

3           “(6) COST-OF-LIVING ADJUSTMENTS AFTER  
4 2018.—

5           “(A) IN GENERAL.—The amount of the al-  
6 lowance payable under paragraph (1) for  
7 months during any calendar year beginning  
8 after 2018 shall be—

9           “(i) the amount payable pursuant to  
10 paragraph (2) for months during the pre-  
11 ceding calendar year, plus

12           “(ii) an amount equal to the percent-  
13 age of the amount determined pursuant to  
14 clause (i) which percentage is equal to the  
15 percentage increase in retired pay of mem-  
16 bers and former members of the armed  
17 forces for such calendar year under section  
18 1401a of this title.

19           “(B) PUBLIC NOTICE ON AMOUNT OF AL-  
20 LOWANCE PAYABLE.—The Secretary of Defense  
21 shall publish in the Federal Register each year  
22 the amount of the allowance payable under  
23 paragraph (1) for months in such year by rea-  
24 son of the operation of this paragraph.”.

1 **SEC. 622. ADJUSTMENTS TO SURVIVOR BENEFIT PLAN FOR**  
2 **MEMBERS ELECTING LUMP SUM PAYMENTS**  
3 **OF RETIRED PAY UNDER THE MODERNIZED**  
4 **RETIREMENT SYSTEM FOR MEMBERS OF THE**  
5 **UNIFORMED SERVICES.**

6 (a) DEFINITION OF BASE AMOUNT.—Section  
7 1447(6)(A) of title 10, United States Code, is amended  
8 in the matter preceding clause (i) by inserting “or  
9 1415(b)(1)(B)” after “section 1409(b)(2)”.

10 (b) COORDINATION WITH REDUCTIONS IN RETIRED  
11 PAY.—Section 1452 of such title is amended—

12 (1) in subsection (a)(1), by inserting “, other  
13 than retired pay received as a lump sum under sec-  
14 tion 1415(b)(1)(A) of this title,” in the matter pre-  
15 ceding subparagraph (A) after “, the retired pay”;

16 (2) in subsection (b)(1), by inserting “, other  
17 than retired pay received as a lump sum under sec-  
18 tion 1415(b)(1)(A) of this title,” after “The retired  
19 pay”; and

20 (3) in subsection (c)—

21 (A) in paragraph (1), by inserting “, other  
22 than retired pay received as a lump sum under  
23 section 1415(b)(1)(A) of this title,” after “The  
24 retired pay”; and

25 (B) in paragraph (4), by inserting “or  
26 1415(b)(1)(B)” after “section 1409(b)(2)”.

1 **SEC. 623. TECHNICAL CORRECTION REGARDING ELECTION**  
2 **TO PARTICIPATE IN MODERNIZED RETIRE-**  
3 **MENT SYSTEM FOR RESERVE COMPONENT**  
4 **MEMBERS EXPERIENCING A BREAK IN SERV-**  
5 **ICE.**

6 (a) PERSONS EXPERIENCING A BREAK IN SERV-  
7 ICE.—Section 12739(f)(2)(B)(iii) of title 10, United  
8 States Code, is amended by striking “on the date of the  
9 reentry” and inserting “within 30 days after the date of  
10 the reentry”.

11 (b) EFFECTIVE DATE.—The amendment made by  
12 subsection (a) shall take effect on January 1, 2018, imme-  
13 diately after the coming into effect of the amendment  
14 made by section 631(b) of the National Defense Author-  
15 ization Act for Fiscal Year 2016 (Public Law 114–92; 129  
16 Stat. 843), to which the amendment made by subsection  
17 (a) relates.

18 **SEC. 624. TECHNICAL CORRECTIONS TO USE OF MEMBER’S**  
19 **CURRENT PAY GRADE AND YEARS OF SERV-**  
20 **ICE IN A DIVISION OF PROPERTY INVOLVING**  
21 **DISPOSABLE RETIRED PAY.**

22 (a) IN GENERAL.—Section 1408 of title 10, United  
23 States Code, is amended—

24 (1) in subsection (a)(4)—

1 (A) in the matter preceding clause (i) of  
2 subparagraph (A), by striking “(as determined  
3 pursuant to subparagraph (B))”; and

4 (B) by striking subparagraph (B) and in-  
5 serting the following new subparagraph (B):

6 “(B) For purposes of subparagraph (A), in the  
7 case of a division of property as part of a final de-  
8 cree of divorce, dissolution, annulment, or legal sepa-  
9 ration that becomes final prior to the date of a  
10 member’s retirement, the total monthly retired pay  
11 to which the member is entitled shall be—

12 “(i) in the case of a member not described  
13 in clause (ii), the amount of retired pay to  
14 which the member would have been entitled  
15 using the member’s retired pay base and years  
16 of service on the date of the decree of divorce,  
17 dissolution, annulment, or legal separation, as  
18 computed under section 1406 or 1407 of this  
19 title, whichever is applicable, increased by the  
20 sum of the cost-of-living adjustments that—

21 “(I) would have occurred under sec-  
22 tion 1401a(b) of this title between the date  
23 of the decree of divorce, dissolution, annul-  
24 ment, or legal separation and the time of  
25 the member’s retirement using the adjust-

1           ment provisions under section 1401a of  
2           this title applicable to the member upon re-  
3           tirement; and

4                   “(II) occur under 1401a of this title  
5           after the member’s retirement; or

6                   “(ii) in the case of a member who becomes  
7           entitled to retired pay pursuant to chapter 1223  
8           of this title, the amount of retired pay to which  
9           the member would have been entitled using the  
10          member’s retired pay base and creditable serv-  
11          ice points on the date of the decree of divorce,  
12          dissolution, annulment, or legal separation, as  
13          computer under chapter 1223 of this title, in-  
14          creased by the sum of the cost-of-living adjust-  
15          ments as described in clause (i) that apply with  
16          respect to the member.”; and

17          (2) in subsection (d), by adding at the end the  
18          following new paragraph:

19                 “(8) A division of property award computed as a per-  
20          centage of a member’s disposable retired pay shall be in-  
21          creased by the same percentage as any cost-of-living ad-  
22          justment made under section 1401a after the member’s  
23          retirement.”.

24          (b) EFFECTIVE DATE.—The amendments made by  
25          subsection (a) shall take effect on December 23, 2016, as

1 if enacted immediately following the enactment of the Na-  
2 tional Defense Authorization Act for Fiscal Year 2017  
3 (Public Law 114–328) to which such amendments relate.

4 (c) APPLICABILITY.—The amendments made by sub-  
5 section (a) shall apply with respect to any division of prop-  
6 erty as part of a final decree of divorce, dissolution, annul-  
7 ment, or legal separation involving a member of the Armed  
8 Forces to which section 1408 of title 10, United States  
9 Code, applies that becomes final after December 23, 2016.

10 **SEC. 625. CONTINUATION PAY FOR THE COAST GUARD.**

11 For providing continuation pay for the United States  
12 Coast Guard under section 356 of title 37, United States  
13 Code, funds are hereby authorized to be appropriated for  
14 fiscal year 2018 in the amount of \$3,286,277.

15 **Subtitle D—Other Matters**

16 **SEC. 631. LAND CONVEYANCE AUTHORITY, ARMY AND AIR**  
17 **FORCE EXCHANGE SERVICE PROPERTY, DAL-**  
18 **LAS, TEXAS.**

19 (a) CONVEYANCE AUTHORIZED.—The Army and Air  
20 Force Exchange Service may convey, by sale, exchange,  
21 or a combination thereof, all right, title, and interest of  
22 the United States in and to a parcel of real property, in-  
23 cluding improvements thereon, that—

24 (1) is located at 8901 Autobahn Drive in Dal-  
25 las, Texas; and



1           (2) was purchased using nonappropriated funds  
2 of the Army and Air Force Exchange Service.

3 (b) CONSIDERATION.—

4           (1) IN GENERAL.—Consideration for the real  
5 property conveyed under subsection (a) shall be at  
6 least equal to the fair market value of the property,  
7 as determined by the Army and Air Force Exchange  
8 Service.

9           (2) TREATMENT OF CASH CONSIDERATION.—

10 Notwithstanding section 574 of title 40, United  
11 States Code, any cash consideration received from  
12 the conveyance of the property under subsection (a)  
13 may be retained by the Army and Air Force Ex-  
14 change Service because the property was acquired  
15 using nonappropriated funds.

16 (c) DESCRIPTION OF PROPERTY.—The exact acreage  
17 and legal description of the real property to be conveyed  
18 under subsection (a) shall be determined by a survey satis-  
19 factory to the Army and Air Force Exchange Service. The  
20 recipient of the property shall be required to cover the cost  
21 of the survey.

22 (d) ADDITIONAL TERMS AND CONDITIONS.—The  
23 Army and Air Force Exchange Service may require such  
24 additional terms and conditions in connection with the  
25 conveyance under subsection (a) as the Army and Air

1 Force Exchange Service considers appropriate to protect  
2 the interests of the United States.

3 (e) INAPPLICABILITY OF CERTAIN PROVISIONS OF  
4 LAW.—Section 2696 of title 10, United States Code, shall  
5 not apply to a conveyance of property under this section.

6 **SEC. 632. AUTHORITY FOR THE SECRETARIES OF THE MILI-**  
7 **TARY DEPARTMENTS TO PROVIDE FOR CARE**  
8 **OF REMAINS OF THOSE WHO DIE ON ACTIVE**  
9 **DUTY AND ARE INTERRED IN A FOREIGN**  
10 **CEMETERY.**

11 Section 1482(a) of title 10, United States Code, is  
12 amended by adding at the end the following new para-  
13 graph:

14 “(10) In the case of a decedent under the juris-  
15 diction of a Secretary of a military department at  
16 the time of death, enduring care of remains interred  
17 in a foreign cemetery if the burial location was des-  
18 ignated by such Secretary.”.

1 **SEC. 633. CONSTRUCTION OF DOMESTIC SOURCE REQUIRE-**  
2 **MENT FOR FOOTWEAR FURNISHED TO EN-**  
3 **LISTED MEMBERS OF THE ARMED FORCES**  
4 **ON INITIAL ENTRY INTO THE ARMED**  
5 **FORCES.**

6 Section 418(d) of title 37, United States Code, is  
7 amended by adding at the end the following new para-  
8 graphs:

9 “(4) This subsection does not apply to the furnishing  
10 of athletic footwear to members of the Army, the Navy,  
11 the Air Force, or the Marine Corps upon their initial entry  
12 into the armed forces, or prohibit the provision of a cash  
13 allowance to such members for such purpose, if the Sec-  
14 retary of Defense determines that compliance with para-  
15 graph (2) would result in a sole source contract for pro-  
16 curement of athletic footwear for the purpose stated in  
17 paragraph (1) because there would be only a sole certified  
18 source of supply for such footwear.

19 “(5) The Secretary of Defense shall ensure that all  
20 procurements of athletic footwear to which this subsection  
21 applies are made using firm fixed price contracts.”.

1 **SEC. 634. REVIEW AND UPDATE OF REGULATIONS GOV-**  
2 **ERNING DEBT COLLECTORS INTERACTIONS**  
3 **WITH UNIT COMMANDERS OF MEMBERS OF**  
4 **THE ARMED FORCES.**

5 Not later than 180 days after the date of the enact-  
6 ment of this Act, the Secretary of Defense shall review  
7 and update Department of Defense Directive 1344.09 and  
8 any associated regulations to ensure that such regulations  
9 comply with Federal consumer protection laws with re-  
10 spect to the collection of debt.

11 **TITLE VII—HEALTH CARE**  
12 **PROVISIONS**

Subtitle A—TRICARE and Other Health Care Benefits

- Sec. 701. Continued access to medical care at facilities of the uniformed services for certain members of the reserve components.
- Sec. 702. Modifications of cost-sharing requirements for the TRICARE Pharmacy Benefits Program and treatment of certain pharmaceutical agents.
- Sec. 703. Provision of hyperbaric oxygen therapy for certain members of the Armed Forces.
- Sec. 704. Specification that individuals under the age of 21 are eligible for hospice care services under the TRICARE program.
- Sec. 705. Physical examinations for members of a reserve component who are separating from the Armed Forces.
- Sec. 706. Mental health assessments before members separate from the Armed Forces.
- Sec. 707. Expansion of sexual trauma counseling and treatment for members of the reserve components.
- Sec. 708. Expedited evaluation and treatment for prenatal surgery under the TRICARE program.

Subtitle B—Health Care Administration

- Sec. 711. Maintenance of inpatient capabilities of military medical treatment facilities located outside the United States.
- Sec. 712. Modification of priority for evaluation and treatment of individuals at military treatment facilities.
- Sec. 713. Clarification of administration of military medical treatment facilities.
- Sec. 714. Regular update of prescription drug pricing standard under TRICARE retail pharmacy program.
- Sec. 715. Modification of execution of TRICARE contracting responsibilities.

- Sec. 716. Additional emergency uses for medical products to reduce deaths and severity of injuries caused by agents of war.
- Sec. 717. Modification of determination of average wait times at urgent care clinics and pharmacies at military medical treatment facilities under pilot program.
- Sec. 718. Requirement for reimbursement by Department of Defense to entities carrying out State vaccination programs for costs of vaccines provided to covered beneficiaries.
- Sec. 719. Extension of authority for Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund.
- Sec. 720. Residency requirements for podiatrists.
- Sec. 721. Authorization of physical therapist assistants and occupational therapy assistants to provide services under the TRICARE program.
- Sec. 722. Selection of military commanders and directors of military medical treatment facilities.

Subtitle C—Reports and Other Matters

- Sec. 731. Pilot program on health care assistance system.
- Sec. 732. Feasibility study on conduct of pilot program on mental health readiness of part-time members of the reserve components of the Armed Forces.
- Sec. 733. Report on plan to improve pediatric care and related services for children of members of the Armed Forces.
- Sec. 734. Longitudinal medical study on blast pressure exposure of members of the Armed Forces.
- Sec. 735. Study on safe opioid prescribing practices.
- Sec. 736. Report on implementation of GAO recommendations.
- Sec. 737. Declassification by Department of Defense of certain incidents of exposure of members of the Armed Forces to toxic substances.
- Sec. 738. Coordination by Veterans Health Administration of efforts to understand effects of burn pits.
- Sec. 739. TRICARE technical amendments.

1       **Subtitle A—TRICARE and Other**  
2                               **Health Care Benefits**

3       **SEC. 701. CONTINUED ACCESS TO MEDICAL CARE AT FA-**  
4                               **CILITIES OF THE UNIFORMED SERVICES FOR**  
5                               **CERTAIN MEMBERS OF THE RESERVE COM-**  
6                               **PONENTS.**

7               (a) TRICARE RESERVE SELECT.—Paragraph (2) of  
8 section 1076d(f) of title 10, United States Code, is amend-  
9 ed to read as follows:

1           “(2) The term ‘TRICARE Reserve Select’  
2 means—

3           “(A) medical care at facilities of the uni-  
4 formed services to which a dependent described  
5 in section 1076(a)(2) of this title is entitled;  
6 and

7           “(B) health benefits under the TRICARE  
8 Select self-managed, preferred provider network  
9 option under section 1075 of this title made  
10 available to beneficiaries by reason of this sec-  
11 tion and subject to the cost-sharing require-  
12 ments set forth in such section 1075.”.

13       (b) TRICARE RETIRED RESERVE.—Section 1076e  
14 is amended—

15           (1) In subsection (b), in the subsection heading,  
16 by striking “RETIRED RESERVE”;

17           (2) In subsection (c), by striking “Retired Re-  
18 serve” the last place it appears; and

19           (3) in subsection (f), by striking paragraph (2)  
20 and inserting the following:

21           “(2) The term ‘TRICARE Retired Reserve’  
22 means—

23           “(A) medical care at facilities of the uni-  
24 formed services to which a dependent described

1 in section 1076(a)(2) of this title is entitled;  
2 and

3 “(B) health benefits under the TRICARE  
4 Select self-managed, preferred provider network  
5 option under section 1075 of this title made  
6 available to beneficiaries by reason of this sec-  
7 tion and subject to the cost-sharing require-  
8 ments set forth in such section 1075.”.

9 **SEC. 702. MODIFICATIONS OF COST-SHARING REQUIRE-**  
10 **MENTS FOR THE TRICARE PHARMACY BENE-**  
11 **FITS PROGRAM AND TREATMENT OF CER-**  
12 **TAIN PHARMACEUTICAL AGENTS.**

13 (a) IN GENERAL.—Paragraph (6) of section  
14 1074g(a) of title 10, United States Code, is amended to  
15 read as follows:

16 “(6)(A) In the case of any of the years 2018 through  
17 2027, the cost-sharing amounts under this subsection for  
18 eligible covered beneficiaries shall be determined in accord-  
19 ance with the following table:

“For:	The cost-sharing amount for a 30-day supply of a retail generic is:	The cost-sharing amount for a 30-day supply of a retail formulary is:	The cost-sharing amount for a 90-day supply of a mail order generic is:	The cost-sharing amount for a 90-day supply of a mail order formulary is:	The cost-sharing amount for a 90-day supply of a mail order non-formulary is:
2018	\$11	\$28	\$7	\$24	\$53
2019	\$11	\$28	\$7	\$24	\$53
2020	\$13	\$33	\$10	\$29	\$60
2021	\$13	\$33	\$10	\$29	\$60

“For:	The cost-sharing amount for a 30-day supply of a retail generic is:	The cost-sharing amount for a 30-day supply of a retail formulary is:	The cost-sharing amount for a 90-day supply of a mail order generic is:	The cost-sharing amount for a 90-day supply of a mail order formulary is:	The cost-sharing amount for a 90-day supply of a mail order non-formulary is:
2022	\$14	\$38	\$12	\$34	\$68
2023	\$14	\$38	\$12	\$34	\$68
2024	\$16	\$43	\$13	\$38	\$76
2025	\$16	\$43	\$13	\$38	\$76
2026	\$16	\$48	\$14	\$44	\$85
2027	\$16	\$48	\$14	\$44	\$85

1           “(B) For any year after 2027, the cost-sharing  
2 amounts under this subsection for eligible covered bene-  
3 ficiaries shall be equal to the cost-sharing amounts for the  
4 previous year adjusted by an amount, if any, determined  
5 by the Secretary to reflect changes in the costs of pharma-  
6 ceutical agents and prescription dispensing, rounded to  
7 the nearest dollar.

8           “(C) Notwithstanding subparagraphs (A) and (B),  
9 the cost-sharing amounts under this subsection for a de-  
10 pendent of a member of the uniformed services who dies  
11 while on active duty, a member retired under chapter 61  
12 of this title, or a dependent of a member retired under  
13 such chapter shall be equal to the cost-sharing amounts,  
14 if any, for 2017.”.

15           (b) TREATMENT OF CERTAIN PHARMACEUTICAL  
16 AGENTS.—



1           (1) PHARMACY BENEFITS PROGRAM.—Such sec-  
2           tion is amended by adding at the end the following  
3           new paragraph:

4           “(10) Notwithstanding paragraphs (2), (5), and (6),  
5           in order to encourage the use by covered beneficiaries of  
6           pharmaceutical agents that provide the best clinical effec-  
7           tiveness to covered beneficiaries and the Department of  
8           Defense (as determined by the Secretary, including consid-  
9           erations of better care, healthier people, and smarter  
10          spending), the Secretary may, upon the recommendation  
11          of the Pharmacy and Therapeutics Committee established  
12          under subsection (b) and review by the Uniform For-  
13          mulary Beneficiary Advisory Panel established under sub-  
14          section (c)—

15                 “(A) exclude from the pharmacy benefits pro-  
16                 gram any pharmaceutical agent that the Secretary  
17                 determines provides very little or no clinical effec-  
18                 tiveness to covered beneficiaries and the Department  
19                 under the program; and

20                 “(B) give preferential status to any non-generic  
21                 pharmaceutical agent on the uniform formulary by  
22                 treating it, for purposes of cost-sharing under para-  
23                 graph (6), as a generic product under the TRICARE  
24                 retail pharmacy program and mail order pharmacy  
25                 program.”.

1           (2) MEDICAL CONTRACTS.—Section 1079 of  
2           such title is amended by adding at the end the fol-  
3           lowing new subsection:

4           “(q) In the case of any pharmaceutical agent (as de-  
5           fined in section 1074g(g) of this title) provided under a  
6           contract entered into under this section by a physician,  
7           in an outpatient department of a hospital, or otherwise  
8           as part of any medical services provided under such a con-  
9           tract, the Secretary of Defense may, under regulations  
10          prescribed by the Secretary, adopt special reimbursement  
11          methods, amounts, and procedures to encourage the use  
12          of high-value products and discourage the use of low-value  
13          products, as determined by the Secretary.”.

14          (3) REGULATIONS.—In order to implement ex-  
15          peditiously the reforms authorized by the amend-  
16          ments made by paragraphs (1) and (2), the Sec-  
17          retary of Defense may prescribe such changes to the  
18          regulations implementing the TRICARE program  
19          (as defined in section 1072 of title 10, United States  
20          Code) as the Secretary considers appropriate—

21                  (A) by prescribing an interim final rule;

22                  and

23                  (B) not later than one year after pre-  
24          scribing such interim final rule and considering

1 public comments with respect to such interim  
2 final rule, by prescribing a final rule.

3 **SEC. 703. PROVISION OF HYPERBARIC OXYGEN THERAPY**  
4 **FOR CERTAIN MEMBERS OF THE ARMED**  
5 **FORCES.**

6 (a) HBOT TREATMENT.—

7 (1) IN GENERAL.—Chapter 55 of title 10,  
8 United States Code, is amended by inserting after  
9 section 1074n the following new section:

10 **“§ 1074o. Provision of hyperbaric oxygen therapy for**  
11 **certain members**

12 “(a) IN GENERAL.—The Secretary may furnish  
13 hyperbaric oxygen therapy available at a military medical  
14 treatment facility to a covered member if such therapy is  
15 prescribed by a physician to treat post-traumatic stress  
16 disorder or traumatic brain injury.

17 “(b) COVERED MEMBER DEFINED.—In this section,  
18 the term ‘covered member’ means a member of the armed  
19 forces who is—

20 “(1) serving on active duty; and

21 “(2) diagnosed with post-traumatic stress dis-  
22 order or traumatic brain injury.”.

23 (2) CLERICAL AMENDMENT.—The table of sec-  
24 tions at the beginning of such chapter is amended

1 by inserting after the item relating to section 1074n  
2 the following new item:

“1074o. Provision of hyperbaric oxygen therapy for certain members.”.

3 (b) **EFFECTIVE DATE.**—The amendments made by  
4 subsection (a) shall take effect 90 days after the date of  
5 the enactment of this Act.

6 **SEC. 704. SPECIFICATION THAT INDIVIDUALS UNDER THE**  
7 **AGE OF 21 ARE ELIGIBLE FOR HOSPICE CARE**  
8 **SERVICES UNDER THE TRICARE PROGRAM.**

9 Section 1079(a)(15) of title 10, United States Code,  
10 is amended by inserting before the period at the end the  
11 following: “, except that hospice care may be provided to  
12 an individual under the age of 21 concurrently with health  
13 care services or hospitalization for the same condition”.

14 **SEC. 705. PHYSICAL EXAMINATIONS FOR MEMBERS OF A**  
15 **RESERVE COMPONENT WHO ARE SEPA-**  
16 **RATING FROM THE ARMED FORCES.**

17 Section 1145 of title 10, United States Code, is  
18 amended—

19 (1) by redesignating subsections (d) and (e) as  
20 subsections (e) and (f), respectively; and

21 (2) by inserting after subsection (c) the fol-  
22 lowing new subsection (d):

23 “(d) **PHYSICAL EXAMINATIONS FOR CERTAIN MEM-**  
24 **BERS OF A RESERVE COMPONENT.**—(1) The Secretary  
25 concerned shall provide a physical examination pursuant

1 to subsection (a)(5) to each member of a reserve compo-  
2 nent who—

3 “(A) during the two-year period before the date  
4 on which the member is scheduled to be separated  
5 from the armed forces served on active duty in sup-  
6 port of a contingency operation for a period of more  
7 than 30 days;

8 “(B) will not otherwise receive such an exam-  
9 ination under such subsection; and

10 “(C) elects to receive such a physical examina-  
11 tion.

12 “(2) The Secretary concerned shall—

13 “(A) provide the physical examination under  
14 paragraph (1) to a member during the 90-day period  
15 before the date on which the member is scheduled to  
16 be separated from the armed forces; and

17 “(B) issue orders to such a member to receive  
18 such physical examination.

19 “(3) A member may not be entitled to health care  
20 benefits pursuant to subsection (a), (b), or (c) solely by  
21 reason of being provided a physical examination under  
22 paragraph (1).

23 “(4) In providing to a member a physical examination  
24 under paragraph (1), the Secretary concerned shall pro-  
25 vide to the member a record of the physical examination.”.

1 **SEC. 706. MENTAL HEALTH ASSESSMENTS BEFORE MEM-**  
2 **BERS SEPARATE FROM THE ARMED FORCES.**

3 (a) IN GENERAL.—Section 1145(a)(5)(A) of title 10,  
4 United States Code, is amended by inserting “and a men-  
5 tal health assessment conducted pursuant to section  
6 1074n of this title” after “a physical examination”.

7 (b) CONFORMING AMENDMENT.—Section 1074n(a)  
8 of such title is amended by inserting “(and before separa-  
9 tion from active duty pursuant to section 1145(a)(5)(A)  
10 of this title)” after “each calendar year”.

11 **SEC. 707. EXPANSION OF SEXUAL TRAUMA COUNSELING**  
12 **AND TREATMENT FOR MEMBERS OF THE RE-**  
13 **SERVE COMPONENTS.**

14 Section 1720D(a)(2)(A) of title 38, United States  
15 Code, is amended—

16 (1) by striking “on active duty”; and

17 (2) by inserting before the period at the end the  
18 following: “that was suffered by the member while  
19 serving on active duty, active duty for training, or  
20 inactive duty training”.

21 **SEC. 708. EXPEDITED EVALUATION AND TREATMENT FOR**  
22 **PRENATAL SURGERY UNDER THE TRICARE**  
23 **PROGRAM.**

24 (a) IN GENERAL.—The Secretary of Defense shall  
25 implement processes and procedures to ensure that a cov-  
26 ered beneficiary under the TRICARE program whose

1 pregnancy is complicated with (or suspected of complica-  
2 tion with) a fetal condition may elect to receive expedited  
3 evaluation, nondirective counseling, and medical treatment  
4 from a perinatal or pediatric specialist capable of pro-  
5 viding surgical management and intervention in utero.

6 (b) DEFINITIONS.—In this section, the terms “cov-  
7 ered beneficiary” and “TRICARE program” have the  
8 meanings given those terms in section 1072 of title 10,  
9 United States Code.

## 10 **Subtitle B—Health Care**

### 11 **Administration**

#### 12 **SEC. 711. MAINTENANCE OF INPATIENT CAPABILITIES OF**

#### 13 **MILITARY MEDICAL TREATMENT FACILITIES**

#### 14 **LOCATED OUTSIDE THE UNITED STATES.**

15 Section 1073d of title 10, United States Code, is  
16 amended by adding at the end the following new sub-  
17 section:

18 “(e) MAINTENANCE OF INPATIENT CAPABILITIES AT  
19 MILITARY MEDICAL TREATMENT FACILITIES LOCATED  
20 OUTSIDE THE UNITED STATES.—(1) In carrying out sub-  
21 section (a), the Secretary of Defense shall ensure that  
22 each covered facility maintains, at a minimum, inpatient  
23 capabilities that the Secretary determines are similar to  
24 the inpatient capabilities of such facility on September 30,  
25 2016.

1           “(2) The Secretary may not eliminate the inpatient  
2 capabilities of a covered facility until the day that is 180  
3 days after the Secretary provides a briefing to the Com-  
4 mittees on Armed Services of the Senate and the House  
5 of Representatives regarding the proposed elimination.  
6 During any such briefing, the Secretary shall certify the  
7 following:

8           “(A) The Secretary has entered into agree-  
9 ments with hospitals or medical centers in the host  
10 nation of such covered facility that—

11                   “(i) replace the inpatient capabilities the  
12 Secretary proposes to eliminate; and

13                   “(ii) ensure members of the armed forces  
14 and covered beneficiaries who receive health  
15 care from such covered facility, have, within a  
16 distance the Secretary determines is reasonable,  
17 access to quality health care, including case  
18 management and translation services.

19           “(B) The Secretary has consulted with the com-  
20 mander of the geographic combatant command in  
21 which such covered facility is located to ensure that  
22 the proposed elimination would have no impact on  
23 the operational plan for such geographic combatant  
24 command.



1           “(C) Before the Secretary eliminates the inpa-  
2           tient capabilities of such covered facility, the Sec-  
3           retary shall provide each member of the armed  
4           forces or covered beneficiary who receives health  
5           care from the covered facility with—

6                   “(i) a transition plan for continuity of  
7           health care for such member or covered bene-  
8           ficiary; and

9                   “(ii) a public forum to discuss the concerns  
10           of the member or covered beneficiary regarding  
11           the proposed reduction.

12           “(3) In this subsection, the term ‘covered facility’  
13           means a military medical treatment facility located outside  
14           the United States.”.

15   **SEC. 712. MODIFICATION OF PRIORITY FOR EVALUATION**  
16                   **AND TREATMENT OF INDIVIDUALS AT MILI-**  
17                   **TARY TREATMENT FACILITIES.**

18           Subsection (b) of section 717 of the National Defense  
19           Authorization Act for Fiscal Year 2017 (Public Law 114–  
20           328) is amended to read as follows:

21           “(b) PRIORITY OF COVERED BENEFICIARIES.—

22                   “(1) IN GENERAL.—Except as provided in para-  
23           graph (2), the evaluation and treatment of covered  
24           beneficiaries at military treatment facilities shall be  
25           prioritized ahead of the evaluation and treatment of

1 veterans and civilians at such facilities under sub-  
2 section (a).

3 “(2) WAIVER.—The Secretary may waive the  
4 requirement under paragraph (1) in order to provide  
5 timely evaluation and treatment for individuals who  
6 are—

7 “(A) severely wounded or injured by acts  
8 of terror that occur in the United States; or

9 “(B) residents of the United States who  
10 are severely wounded or injured by acts of ter-  
11 ror outside the United States.”.

12 **SEC. 713. CLARIFICATION OF ADMINISTRATION OF MILI-**  
13 **TARY MEDICAL TREATMENT FACILITIES.**

14 Section 1073c(a) of title 10, United States Code, is  
15 amended—

16 (1) in paragraph (1)(E), by striking “miliary”  
17 and inserting “military”;

18 (2) in paragraph (2), in the matter preceding  
19 subparagraph (A), by striking “commander” and in-  
20 serting “military commander or director”; and

21 (3) by adding at the end the following new  
22 paragraph:

23 “(4) If the Secretary of Defense determines it appro-  
24 priate, a military director (or any other senior military of-  
25 ficer or officers) of a military medical treatment facility

1 may be a commanding officer for purposes of chapter 47  
2 of this title (the Uniform Code of Military Justice) with  
3 respect to military personnel assigned to the military med-  
4 ical treatment facility.”.

5 **SEC. 714. REGULAR UPDATE OF PRESCRIPTION DRUG**  
6 **PRICING STANDARD UNDER TRICARE RETAIL**  
7 **PHARMACY PROGRAM.**

8 Section 1074g(d) of title 10, United States Code, is  
9 amended by adding at the end the following new para-  
10 graph:

11 “(3) With respect to the TRICARE retail pharmacy  
12 program described in subsection (a)(2)(E)(ii), the Sec-  
13 retary shall ensure that a contract entered into with a  
14 TRICARE pharmacy program contractor includes require-  
15 ments described in section 1860D–12(b)(6) of the Social  
16 Security Act (42 U.S.C. 1395w–112(b)(6)) to ensure the  
17 provision of information regarding the pricing standard  
18 for prescription drugs.”.

19 **SEC. 715. MODIFICATION OF EXECUTION OF TRICARE CON-**  
20 **TRACTING RESPONSIBILITIES.**

21 Subsection (b) of section 705 of the National Defense  
22 Authorization Act for Fiscal Year 2017 (Public Law 114–  
23 328) is amended to read as follows:

24 “(b) EXECUTION OF CONTRACTING RESPONSI-  
25 BILITY.—With respect to any acquisition of managed care

1 support services under the TRICARE program initiated  
2 after the date of the enactment of the National Defense  
3 Authorization Act for Fiscal Year 2018, the Under Sec-  
4 retary of Defense for Acquisition and Sustainment shall  
5 be responsible for—

6 “(1) decisions relating to such acquisition;

7 “(2) approving the acquisition strategy; and

8 “(3) conducting pre-solicitation, pre-award, and  
9 post-award acquisition reviews.”.

10 **SEC. 716. ADDITIONAL EMERGENCY USES FOR MEDICAL**  
11 **PRODUCTS TO REDUCE DEATHS AND SEVER-**  
12 **ITY OF INJURIES CAUSED BY AGENTS OF**  
13 **WAR.**

14 Section 1107a of title 10, United States Code, is  
15 amended by adding at the end the following new sub-  
16 section:

17 “(d) **ADDITIONAL AUTHORITY TO REDUCE DEATHS**  
18 **AND SEVERITY OF INJURIES CAUSED BY AGENTS OF**  
19 **WAR.**—(1) In a case in which an emergency use of an  
20 unapproved product or an emergency unapproved use of  
21 an approved product cannot be authorized under section  
22 564 of the Federal Food, Drug, and Cosmetic Act (21  
23 U.S.C. 360bbb–3) because the emergency does not involve  
24 an actual or threatened attack with a biological, chemical,  
25 radiological, or nuclear agent or agents, the Secretary of

1 Defense may authorize an emergency use outside the  
2 United States of the product to reduce the number of  
3 deaths or the severity of harm to members of the armed  
4 forces (or individuals associated with deployed members  
5 of the armed forces) caused by a risk or agent of war.

6 “(2) Except as otherwise provided in this subsection,  
7 an authorization by the Secretary under paragraph (1)  
8 shall have the same effect with respect to the armed forces  
9 as an emergency use authorization under section 564 of  
10 the Federal Food, Drug, and Cosmetic Act (21 U.S.C.  
11 360bbb–3).

12 “(3) The Secretary may issue an authorization under  
13 paragraph (1) with respect to the emergency use of an  
14 unapproved product or the emergency unapproved use of  
15 an approved product only if—

16 “(A) the committee established under para-  
17 graph (5) has recommended that the Secretary issue  
18 the authorization; and

19 “(B) the Assistant Secretary of Defense for  
20 Health Affairs makes a written determination, after  
21 consultation with the Commissioner of Food and  
22 Drugs, that, based on the totality of scientific evi-  
23 dence available to the Assistant Secretary, criteria  
24 comparable to those specified in section 564(c) of

1 the Federal Food, Drug, and Cosmetic Act (21  
2 U.S.C. 360bbb-3(c)) have been met.

3 “(4) With respect to the emergency use of an unap-  
4 proved product or the emergency unapproved use of an  
5 approved product under this subsection, the Secretary of  
6 Defense shall establish such scope, conditions, and terms  
7 under this subsection as the Secretary considers appro-  
8 priate, including scope, conditions, and terms comparable  
9 to those specified in section 564 of the Federal Food,  
10 Drug, and Cosmetic Act (21 U.S.C. 360bbb-3).

11 “(5)(A) There is established in the Department of  
12 Defense a Department of Defense Emergency Use Author-  
13 ization Committee (in this paragraph referred to as the  
14 ‘Committee’) to advise the Assistant Secretary of Defense  
15 for Health Affairs on proposed authorizations under this  
16 subsection.

17 “(B) Members of the Committee shall be appointed  
18 by the Secretary of Defense and shall consist of prominent  
19 health care professionals who are not employees of the De-  
20 partment of Defense (other than for purposes of serving  
21 as a member of the Committee).

22 “(C) The Committee may be established as a sub-  
23 committee of another Federal advisory committee.

24 “(6) In this subsection:

1           “(A) The term ‘biological product’ has the  
2 meaning given that term in section 351(i) of the  
3 Public Health Service Act (42 U.S.C. 262(i)).

4           “(B) The terms ‘device’ and ‘drug’ have the  
5 meanings given those terms in section 201 of the  
6 Federal Food, Drug, and Cosmetic Act (21 U.S.C.  
7 321).

8           “(C) The term ‘product’ means a drug, device,  
9 or biological product.

10           “(D) The terms ‘unapproved product’ and ‘un-  
11 approved use of an approved product’ have the  
12 meanings given those terms in section 564(a)(4) of  
13 the Federal Food, Drug, and Cosmetic Act (21  
14 U.S.C. 360bbb-3(a)(4)).”.

15 **SEC. 717. MODIFICATION OF DETERMINATION OF AVERAGE**  
16 **WAIT TIMES AT URGENT CARE CLINICS AND**  
17 **PHARMACIES AT MILITARY MEDICAL TREAT-**  
18 **MENT FACILITIES UNDER PILOT PROGRAM.**

19           (a) URGENT CARE CLINICS.—Subsection (c)(2) of  
20 section 744 of the National Defense Authorization Act for  
21 Fiscal Year 2017 (Public Law 114-328) is amended to  
22 read as follows:

23           “(2) DETERMINATION.—In carrying out para-  
24 graph (1), the Secretary shall determine the average  
25 wait time to display under such paragraph by using

1 a formula derived from best practices in the health  
2 care industry.”.

3 (b) PHARMACIES.—Subsection (d)(2) of such section  
4 is amended to read as follows:

5 “(2) DETERMINATION.—In carrying out para-  
6 graph (1), the Secretary shall determine the average  
7 wait time to display under such paragraph by using  
8 a formula derived from best practices in the health  
9 care industry.”.

10 **SEC. 718. REQUIREMENT FOR REIMBURSEMENT BY DE-**  
11 **PARTMENT OF DEFENSE TO ENTITIES CAR-**  
12 **RYING OUT STATE VACCINATION PROGRAMS**  
13 **FOR COSTS OF VACCINES PROVIDED TO COV-**  
14 **ERED BENEFICIARIES.**

15 Section 719 of the National Defense Authorization  
16 Act for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.  
17 1074g note) is amended—

18 (1) in the section heading, by striking “**AU-**  
19 **THORIZATION OF REIMBURSEMENT**” and insert-  
20 ing “**REIMBURSEMENT**”; and

21 (2) in subsection (a)(1), by striking “may” and  
22 inserting “shall”.



1 **SEC. 719. EXTENSION OF AUTHORITY FOR JOINT DEPART-**  
2 **MENT OF DEFENSE-DEPARTMENT OF VET-**  
3 **ERANS AFFAIRS MEDICAL FACILITY DEM-**  
4 **ONSTRATION FUND.**

5 Section 1704(e) of the National Defense Authoriza-  
6 tion Act for Fiscal Year 2010 (Public Law 111–84; 123  
7 Stat. 2573), as amended by section 722 of the Carl Levin  
8 and Howard P. “Buck” McKeon National Defense Au-  
9 thorization Act for Fiscal Year 2015 (Public Law 113–  
10 291), section 723 of the National Defense Authorization  
11 Act for Fiscal Year 2016 (Public Law 114–92), and sec-  
12 tion 741(a) of the National Defense Authorization Act for  
13 Fiscal Year 2017 (Public Law 114–328), is further  
14 amended by striking “September 30, 2018” and inserting  
15 “September 30, 2019”.

16 **SEC. 720. RESIDENCY REQUIREMENTS FOR PODIATRISTS.**

17 (a) **REQUIREMENT.**—In addition to any other quali-  
18 fication required by law or regulation, the Secretary of De-  
19 fense shall ensure that to serve as a podiatrist in the  
20 Armed Forces, an individual must have successfully com-  
21 pleted a three-year podiatric medicine and surgical resi-  
22 dency.

23 (b) **APPLICATION.**—Subsection (a) shall apply with  
24 respect to an individual who is commissioned as an officer  
25 in the Armed Forces on or after the date that is one year  
26 after the date of the enactment of this Act.

1 **SEC. 721. AUTHORIZATION OF PHYSICAL THERAPIST AS-**  
2 **SISTANTS AND OCCUPATIONAL THERAPY AS-**  
3 **SISTANTS TO PROVIDE SERVICES UNDER THE**  
4 **TRICARE PROGRAM.**

5 (a) ADDITION TO LIST OF AUTHORIZED PROFES-  
6 SIONAL PROVIDERS OF CARE.—The Secretary of Defense  
7 shall revise section 199.6(c) of title 32, Code of Federal  
8 Regulations, as in effect on the date of the enactment of  
9 this Act, to add to the list of individual professional pro-  
10 viders of care who are authorized to provide services to  
11 beneficiaries under the TRICARE program, as defined in  
12 section 1072 of title 10, United States Code, the following  
13 types of health care practitioners:

14 (1) Licensed or certified physical therapist as-  
15 sistants who meet the qualifications for physical  
16 therapist assistants specified in section 484.4 of title  
17 42, Code of Federal Regulations, or any successor  
18 regulation, to furnish services under the supervision  
19 of a physical therapist.

20 (2) Licensed or certified occupational therapy  
21 assistants who meet the qualifications for occupa-  
22 tional therapy assistants specified in such section  
23 484.4, or any successor regulation, to furnish serv-  
24 ices under the supervision of an occupational thera-  
25 pist.

1 (b) SUPERVISION.—The Secretary of Defense shall  
2 establish in regulations requirements for the supervision  
3 of physical therapist assistants and occupational therapy  
4 assistants, respectively, by physical therapists and occupa-  
5 tional therapists, respectively.

6 (c) MANUALS AND OTHER GUIDANCE.—The Sec-  
7 retary of Defense shall update the CHAMPVA Policy  
8 Manual and other relevant manuals and subregulatory  
9 guidance of the Department of Defense to carry out the  
10 revisions and requirements of this section.

11 **SEC. 722. SELECTION OF MILITARY COMMANDERS AND DI-**  
12 **RECTORS OF MILITARY MEDICAL TREAT-**  
13 **MENT FACILITIES.**

14 (a) IN GENERAL.—Not later than January 1, 2019,  
15 the Secretary of Defense, in consultation with the Secre-  
16 taries of the military departments, shall establish the com-  
17 mon qualifications and core competencies required for an  
18 individual to serve as a military commander or director  
19 of a military medical treatment facility.

20 (b) OBJECTIVE.—The objective of the Secretary  
21 under this section shall be to ensure that each individual  
22 selected to serve as a military commander or director of  
23 a military medical treatment facility is highly qualified to  
24 serve as health system executive.

1 (c) STANDARDS.—In establishing common qualifica-  
2 tions and core competencies under subsection (a), the Sec-  
3 retary shall include standards with respect to the fol-  
4 lowing:

5 (1) Professional competence.

6 (2) Moral and ethical integrity and character.

7 (3) Formal education in health care executive  
8 leadership and in health care management.

9 (4) Such other matters the Secretary deter-  
10 mines to be appropriate.

## 11 **Subtitle C—Reports and Other** 12 **Matters**

### 13 **SEC. 731. PILOT PROGRAM ON HEALTH CARE ASSISTANCE** 14 **SYSTEM.**

15 (a) PILOT PROGRAM.—The Secretary of Defense  
16 shall carry out a pilot program to provide a health care  
17 assistance service to certain covered beneficiaries enrolled  
18 in TRICARE Select using purchased care to improve the  
19 health outcomes and patient experience for covered bene-  
20 ficiaries with complex medical conditions.

21 (b) ELEMENTS.—The pilot program under subsection  
22 (a) may include the following elements:

23 (1) Assisting beneficiaries with complex medical  
24 conditions to understand and use the health benefits  
25 under the TRICARE program.

1           (2) Supporting such beneficiaries in accessing  
2           and navigating the purchased care health care deliv-  
3           ery system.

4           (3) Providing such beneficiaries with informa-  
5           tion to allow the beneficiaries to make informed deci-  
6           sions regarding the quality, safety, and cost of avail-  
7           able health care services.

8           (4) Improving the health outcomes for such  
9           beneficiaries.

10          (c) DURATION.—The Secretary shall carry out the  
11          pilot program for an amount of time determined appro-  
12          priate by the Secretary during the five-year period begin-  
13          ning 180 days after the date of the enactment of this Act.

14          (d) REPORT.—Not later than January 1, 2021, the  
15          Secretary shall submit to the Committees on Armed Serv-  
16          ices of the House of Representatives and the Senate a re-  
17          port containing an evaluation of the success of the pilot  
18          program under subsection (a), including—

19                 (1) an analysis of the implementation of the ele-  
20                 ments under subsection (b); and

21                 (2) the feasibility of incorporating such ele-  
22                 ments into TRICARE support contracts.

23          (e) DEFINITIONS.—In this section, the terms “cov-  
24          ered beneficiary”, “TRICARE program”, and “TRICARE

1 Select” have the meaning given those terms in section  
2 1072 of title 10, United States Code.

3 **SEC. 732. FEASIBILITY STUDY ON CONDUCT OF PILOT PRO-**  
4 **GRAM ON MENTAL HEALTH READINESS OF**  
5 **PART-TIME MEMBERS OF THE RESERVE COM-**  
6 **PONENTS OF THE ARMED FORCES.**

7 (a) IN GENERAL.—Not later than one year after the  
8 date of the enactment of this Act, the Secretary of Defense  
9 shall conduct a feasibility study and cost estimate for a  
10 pilot program that uses predictive analytics and screening  
11 to identify mental health risk and provide early, targeted  
12 intervention for part-time members of the reserve compo-  
13 nents of the Armed Forces to improve readiness and mis-  
14 sion success.

15 (b) ELEMENTS.—The feasibility study conducted  
16 under subsection (a) shall include elements to assess the  
17 following with respect to the pilot program studied under  
18 such subsection:

19 (1) The anticipated improvement in quality of  
20 behavioral health services for part-time members of  
21 the reserve components of the Armed Forces and the  
22 impact of such improvement in quality of behavioral  
23 health services on their families and employers.

1           (2) The anticipated impact on the culture sur-  
2           rounding behavioral health treatment and help-seek-  
3           ing behavior.

4           (3) The feasibility of embedding mental health  
5           professionals with units that—

6                   (A) perform core mission sets and capabili-  
7           ties; and

8                   (B) carry out high-risk and high-demand  
9           missions.

10          (4) The particular preventative mental health  
11          needs of units at different states of their operational  
12          readiness cycle.

13          (5) The need for additional personnel of the  
14          Department of Defense to implement the pilot pro-  
15          gram.

16          (6) The cost of implementing the pilot program  
17          throughout the reserve components of the Armed  
18          Forces.

19          (7) The benefits of an integrated operational  
20          support team for the Air National Guard and Army  
21          National Guard units.

22          (c) COMPARISON TO FULL-TIME MEMBERS OF RE-  
23          SERVE COMPONENTS.—As part of the feasibility study  
24          conducted under subsection (a), the Secretary shall assess  
25          the mental health risk of part-time members of the reserve

1 components of the Armed Forces as compared to full-time  
2 members of the reserve components of the Armed Forces.

3 (d) USE OF EXISTING MODELS.—In conducting the  
4 feasibility study under subsection (a), the Secretary, to the  
5 extent practicable, shall make use of existing models for  
6 preventative mental health care.

7 **SEC. 733. REPORT ON PLAN TO IMPROVE PEDIATRIC CARE**  
8 **AND RELATED SERVICES FOR CHILDREN OF**  
9 **MEMBERS OF THE ARMED FORCES.**

10 (a) IN GENERAL.—Not later than 180 days after the  
11 date of the enactment of this Act, the Secretary of Defense  
12 shall submit to the Committees on Armed Services of the  
13 Senate and the House of Representatives a report setting  
14 forth a plan of the Department of Defense to improve pe-  
15 diatric care and related services for children of members  
16 of the Armed Forces.

17 (b) ELEMENTS.—The report required by subsection  
18 (a) shall include the following:

19 (1) In order to ensure that children receive de-  
20 velopmentally appropriate and age-appropriate  
21 health care services from the Department, a plan to  
22 align preventive pediatric care under the TRICARE  
23 program with—



1 (A) standards for such care as required by  
2 the Patient Protection and Affordable Care Act  
3 (Public Law 111–148);

4 (B) guidelines established for such care by  
5 the Early and Periodic Screening, Diagnosis,  
6 and Treatment program under the Medicaid  
7 program carried out under title XIX of the So-  
8 cial Security Act (42 U.S.C. 1396 et seq.); and

9 (C) recommendations by organizations that  
10 specialize in pediatrics.

11 (2) A plan to develop a uniform definition of  
12 “pediatric medical necessity” for the Department  
13 that aligns with recommendations of organizations  
14 that specialize in pediatrics in order to ensure that  
15 a consistent definition of such term is used in pro-  
16 viding health care in military treatment facilities and  
17 by health care providers under the TRICARE pro-  
18 gram.

19 (3) A plan to develop measures to evaluate and  
20 improve access to pediatric care, coordination of pe-  
21 diatric care, and health outcomes for such children.

22 (4) A plan to include an assessment of access  
23 to pediatric specialty care in the annual report to  
24 Congress on the effectiveness of the TRICARE pro-  
25 gram.

1 (5) A plan to improve the quality of and access  
2 to behavioral health care under the TRICARE pro-  
3 gram for children of members of the Armed Forces,  
4 including intensive outpatient and partial hos-  
5 pitalization services.

6 (6) A plan to mitigate the impact of permanent  
7 changes of station and other service-related reloca-  
8 tions of members of the Armed Forces on the con-  
9 tinuity of health care services received by such chil-  
10 dren who have special medical or behavioral health  
11 needs.

12 (7) A plan to mitigate deficiencies in data col-  
13 lection, data utilization, and data analysis to im-  
14 prove pediatric care and related services for children  
15 of members of the Armed Forces.

16 (c) TRICARE PROGRAM DEFINED.—In this section,  
17 the term “TRICARE program” has the meaning given  
18 such term in section 1072 of title 10, United States Code.

19 **SEC. 734. LONGITUDINAL MEDICAL STUDY ON BLAST PRES-**  
20 **SURE EXPOSURE OF MEMBERS OF THE**  
21 **ARMED FORCES.**

22 (a) IN GENERAL.—The Secretary of Defense shall  
23 conduct a longitudinal medical study on blast pressure ex-  
24 posure of members of the Armed Forces during combat  
25 and training, including members who train with any high

1 overpressure weapon system, such as anti-tank recoilless  
2 rifles or heavy-caliber sniper rifles.

3 (b) ELEMENTS.—The study required under sub-  
4 section (a) shall—

5 (1) monitor, record, and analyze data on blast  
6 pressure exposure for any member of the Armed  
7 Forces who is likely to be exposed to a blast in  
8 training or combat;

9 (2) assess the feasibility and advisability of in-  
10 cluding blast exposure history as part of the service  
11 record of a member, as a blast exposure log, in order  
12 to ensure that, if medical issues arise later, the  
13 member receives care for any service-connected inju-  
14 ries; and

15 (3) review the safety precautions surrounding  
16 heavy weapons training to account for emerging re-  
17 search on blast exposure and the effects of such ex-  
18 posure on cognitive performance of members of the  
19 Armed Forces.

20 (c) REPORTS.—

21 (1) INTERIM REPORT.—Not later than one year  
22 after the date of the enactment of this Act, the Sec-  
23 retary shall submit to the Committees on Armed  
24 Services of the Senate and the House of Representa-

1           tives an interim report on the study methods and ac-  
2           tion plan for the study under subsection (a).

3           (2) FINAL REPORT.—Not later than four years  
4           after the date the Secretary begins the study under  
5           subsection (a), the Secretary shall submit to the  
6           Committees on Armed Services of the Senate and  
7           the House of Representatives a report on the results  
8           of such study.

9   **SEC. 735. STUDY ON SAFE OPIOID PRESCRIBING PRAC-**  
10                                   **TICES.**

11           (a) STUDY.—The Secretary of Defense shall conduct  
12           a study on the effectiveness of the training provided to  
13           military health care providers regarding opioid prescribing  
14           practices, initiatives in opioid safety, the use of the VA/  
15           DOD Clinical Practice Guideline for Management of  
16           Opioid Therapy for Chronic Pain, and other related train-  
17           ing.

18           (b) ELEMENTS.—The study under subsection (a)  
19           shall address the effectiveness of training with respect to  
20           the following:

21                   (1) Identifying and treating individuals with  
22                   chronic pain.

23                   (2) Reducing the total number of prescription  
24                   opioids dispensed by the Department of Defense to

1 beneficiaries of health care furnished by the Depart-  
2 ment.

3 (3) Prescribing practices for opioid analgesic  
4 therapy, including—

5 (A) reducing average dosage sizes;

6 (B) reducing the average number of dos-  
7 ages;

8 (C) reducing initial and average durations  
9 of opioid analgesic therapy;

10 (D) reducing dose escalation when opioid  
11 analgesic therapy results in adequate pain re-  
12 duction; and

13 (E) reducing the average number of pre-  
14 scription opioid analgesics dispensed by the De-  
15 partment of Defense.

16 (4) Reducing the number of overdoses due to  
17 prescription opioids for patients with acute pain and  
18 patients undergoing opioid therapy for chronic pain.

19 (5) Providing counseling and referrals to treat-  
20 ment alternatives to opioid analgesics.

21 (6) Providing education on the risks of opioid  
22 medications to individuals for whom such medica-  
23 tions are prescribed, and to their families, with spe-  
24 cial consideration given to raising awareness among  
25 adolescents on such risks.

1           (7) Effectiveness in communicating to military  
2 health care providers changes in policies of the De-  
3 partment of Defense regarding opioid safety and  
4 prescribing practices.

5           (c) ASSESSMENT.—The Secretary of Defense shall  
6 also consider the feasibility and advisability of further  
7 strengthening opioid prescribing practices by means of the  
8 following:

9           (1) Developing and implementing a physician  
10 advisory committee of the Department of Defense  
11 regarding education programs for prescribers of  
12 opioid analgesics.

13           (2) Developing methods to encourage health  
14 care providers of the Department to use physical  
15 therapy or alternative methods to treat acute or  
16 chronic pain.

17           (3) Developing curricula regarding pain man-  
18 agement and safe opioid analgesic prescription prac-  
19 tices that incorporate opioid analgesic prescribing  
20 guidelines issued by the Centers for Disease Control  
21 and Prevention.

22           (d) BRIEFING.—Not later than one year after the  
23 date of the enactment of this Act, the Secretary shall pro-  
24 vide to the Committees on Armed Services of the House  
25 of Representatives and the Senate a briefing on the results

1 of the study under subsection (a) and the assessment  
2 under subsection (c).

3 **SEC. 736. REPORT ON IMPLEMENTATION OF GAO REC-**  
4 **COMMENDATIONS.**

5 Not later than 180 days after the date of the enact-  
6 ment of this Act, the Secretary of Defense shall submit  
7 a report to the congressional defense committees on the  
8 implementation by the Department of Defense of the rec-  
9 ommendations from the Government Accountability Office  
10 report entitled “Actions Needed to Ensure Post-Trauma-  
11 tic Stress Disorder and Traumatic Brain Injury Are  
12 Considered in Misconduct Separations” and published  
13 May 16, 2017.

14 **SEC. 737. DECLASSIFICATION BY DEPARTMENT OF DE-**  
15 **FENSE OF CERTAIN INCIDENTS OF EXPO-**  
16 **SURE OF MEMBERS OF THE ARMED FORCES**  
17 **TO TOXIC SUBSTANCES.**

18 (a) IN GENERAL.—The Secretary of Defense shall  
19 conduct a declassification review of documents related to  
20 any known incident in which not fewer than 100 members  
21 of the Armed Forces were intentionally exposed to a toxic  
22 substance that resulted in at least one case of a disability  
23 that a member of the medical profession has determined  
24 to be associated with that toxic substance.

1 (b) LIMITATION.—The declassification required by  
2 subsection (a) shall be limited to information necessary  
3 for an individual who was potentially exposed to a toxic  
4 substance to determine the following:

5 (1) Whether that individual was exposed to that  
6 toxic substance.

7 (2) The potential severity of the exposure of  
8 that individual to that toxic substance.

9 (3) Any potential health conditions that may  
10 have resulted from exposure to that toxic substance.

11 (c) EXCEPTION.—The Secretary of Defense is not re-  
12 quired to declassify documents under subsection (a) if the  
13 Secretary determines that declassification of those docu-  
14 ments would materially and immediately threaten the se-  
15 curity of the United States.

16 (d) DEFINITIONS.—In this section:

17 (1) ARMED FORCES.—The term “Armed  
18 Forces” has the meaning given that term in section  
19 101 of title 10, United States Code.

20 (2) EXPOSED.—The term “exposed” means,  
21 with respect to a toxic substance, that an individual  
22 came into contact with that toxic substance in a  
23 manner that could be hazardous to the health of  
24 that individual, that may include if that toxic sub-



1 stance was inhaled, ingested, or touched the skin or  
2 eyes.

3 (3) EXPOSURE.—The term “exposure” means,  
4 with respect to a toxic substance, an event during  
5 which an individual was exposed to that toxic sub-  
6 stance.

7 (4) TOXIC SUBSTANCE.—The term “toxic sub-  
8 stance” means any substance determined by the Ad-  
9 ministrator of the Environmental Protection Agency  
10 to be harmful to the environment or hazardous to  
11 the health of an individual if inhaled or ingested by  
12 or absorbed through the skin of that individual.

13 **SEC. 738. COORDINATION BY VETERANS HEALTH ADMINIS-**  
14 **TRATION OF EFFORTS TO UNDERSTAND EF-**  
15 **FECTS OF BURN PITS.**

16 The Under Secretary for Health of the Department  
17 of Veterans Affairs, acting through the Office of Public  
18 Health of the Veterans Health Administration, shall co-  
19 ordinate efforts related to furthering understanding of  
20 burn pits, the effect of burn pits on veterans, and effective  
21 treatments relating to such effects, including with respect  
22 to research efforts and training of clinical staff on related  
23 matters.

1 **SEC. 739. TRICARE TECHNICAL AMENDMENTS.**

2 (a) DEFINITION OF TRICARE STANDARD.—Para-  
3 graph (15) of section 1072 of title 10, United States Code,  
4 is amended to read as follows:

5 “(15) The term ‘TRICARE Standard’ means  
6 the TRICARE program made available prior to Jan-  
7 uary 1, 2018, covering health benefits contracted for  
8 under the authority of section 1079(a) or 1086(a) of  
9 this title and subject to the same rates and condi-  
10 tions as apply to persons covered under those sec-  
11 tions.”.

12 (b) COST-SHARING AMOUNTS.—

13 (1) TRICARE SELECT.—

14 (A) ALLOWANCE OF COST-SHARING  
15 AMOUNTS AS DETERMINED BY THE SEC-  
16 RETARY.—Subsection (d) of section 1075 of  
17 such title is amended by adding at the end the  
18 following new paragraph:

19 “(4) The cost-sharing requirements applicable to  
20 services not specifically addressed in the table set forth  
21 in paragraph (1) shall be established by the Secretary.”.

22 (B) MODIFICATION OF REFERENCE TO AM-  
23 BULANCE CIVILIAN NETWORK.—Paragraph (1)  
24 of such subsection is amended, in the first col-  
25 umn of the table, by striking “Ambulance civil-

1           ian network” and inserting “Ground ambulance  
2           civilian network”.

3           (2) TRICARE PRIME.—

4                   (A) ALLOWANCE OF COST-SHARING  
5           AMOUNTS AS DETERMINED BY THE SEC-  
6           RETARY.—Subsection (b) of section 1075a of  
7           such title is amended by adding at the end the  
8           following new paragraph:

9           “(4) The cost-sharing requirements applicable to  
10          services not specifically addressed in the table set forth  
11          in paragraph (1) shall be established by the Secretary.”.

12                   (B) MODIFICATION OF REFERENCE TO AM-  
13          BULANCE CIVILIAN NETWORK.—Paragraph (1)  
14          of such section is amended, in the first column  
15          of the table, by striking “Ambulance civilian  
16          network” and inserting “Ground ambulance ci-  
17          vilian network”.

18          (c) MEDICAL CARE FOR DEPENDENTS.—

19                   (1) REFERENCE TO MEDICALLY NECESSARY VI-  
20          TAMINS.—Paragraphs (3) and (18) of section  
21          1077(a) of such title are amended by striking “sub-  
22          section (g)” each place it appears and inserting  
23          “subsection (h)”.

24                   (2) ELIGIBILITY OF DEPENDENTS TO PUR-  
25          CHASE HEARING AIDS.—Section 1077(g) of such

1 title is amended by striking “of former members of  
2 the uniformed services” and inserting “eligible for  
3 care under this section”.

4 (d) MODIFICATION OF REFERENCE TO FISCAL  
5 YEAR.—

6 (1) CONTRACTS FOR MEDICAL CARE FOR  
7 SPOUSES AND CHILDREN.—Section 1079(b) such  
8 title is amended by striking “fiscal year” each place  
9 it appears and inserting “calendar year”.

10 (2) CONTRACTS FOR HEALTH BENEFITS FOR  
11 CERTAIN MEMBERS, FORMER MEMBERS, AND THEIR  
12 DEPENDENTS.—Section 1086(b) of such title is  
13 amended by striking “fiscal year” each place it ap-  
14 pears and inserting “calendar year”.

15 (e) REFERRALS AND PREAUTHORIZATIONS FOR  
16 TRICARE PRIME.—

17 (1) PREAUTHORIZATION FOR CARE AT RESI-  
18 DENTIAL TREATMENT CENTERS.—Section 1095f(b)  
19 of such title is amended by adding at the end the  
20 following new paragraph:

21 “(4) Inpatient care at a residential treatment  
22 center.”.

23 (2) REFERENCE.—Section 1075a(e) of such  
24 title is amended by striking “section 1075f(a)” and  
25 inserting “section 1095f(a)”.

1 (f) APPLICABILITY OF PREMIUM FOR DEPENDENT  
2 COVERAGE.—Section 1110b(c)(1) of such title is amended  
3 by striking “section 1075 of this section” and inserting  
4 “section 1075 or 1075a of this title, as appropriate”.

5 **TITLE VIII—ACQUISITION POL-**  
6 **ICY, ACQUISITION MANAGE-**  
7 **MENT, AND RELATED MAT-**  
8 **TERS**

Subtitle A—Acquisition Policy and Management

- Sec. 801. Statements of purpose for Department of Defense acquisition.
- Sec. 802. Management of intellectual property matters within the Department of Defense.
- Sec. 803. Performance of incurred cost audits.
- Sec. 804. Repeal of certain auditing requirements.
- Sec. 805. Increased simplified acquisition threshold.
- Sec. 806. Requirements related to the micro-purchase threshold.
- Sec. 807. Process for enhanced supply chain scrutiny.
- Sec. 808. Defense policy advisory committee on technology.
- Sec. 809. Report on extension of development, acquisition, and sustainment authorities of the military departments to the United States Special Operations Command.
- Sec. 810 . Technical and conforming amendments related to program management provisions.

Subtitle B—Amendments to General Contracting Authorities, Procedures, and Limitations

- Sec. 811. Modifications to cost or pricing data and reporting requirements.
- Sec. 812. Applicability of cost and pricing data certification requirements.
- Sec. 813. Sunset of certain provisions relating to the procurement of goods other than United States goods.
- Sec. 814. Comptroller General report on health and safety records.
- Sec. 815. Limitation on unilateral definitization.
- Sec. 816. Amendment to sustainment reviews.
- Sec. 817. Use of program income by eligible entities that carry out procurement technical assistance programs.
- Sec. 818. Enhanced post-award debriefing rights.
- Sec. 819. Amendments relating to information technology.
- Sec. 820. Change to definition of subcontract in certain circumstances.
- Sec. 821. Amendment relating to applicability of inflation adjustments.
- Sec. 822. Use of lowest price technically acceptable source selection process.
- Sec. 823. Exemption from design-build selection procedures.
- Sec. 824. Contract closeout authority.
- Sec. 825. Elimination of cost underruns as factor in calculation of penalties for cost overruns.

- Sec. 826. Modification to annual meeting requirement of Configuration Steering Boards.
- Sec. 827. Pilot program on payment of costs for denied Government Accountability Office bid protests.

Subtitle C—Provisions Relating to Major Defense Acquisition Programs

- Sec. 831. Revisions to definition of major defense acquisition program.
- Sec. 832. Prohibition on use of lowest price technically acceptable source selection process for major defense acquisition programs.
- Sec. 833. Role of the Chief of the armed force in material development decision and acquisition system milestones.
- Sec. 834. Requirement to emphasize reliability and maintainability in weapon system design.
- Sec. 835. Licensing of appropriate intellectual property to support major weapon systems.
- Sec. 836. Codification of requirements pertaining to assessment, management, and control of operating and support costs for major weapon systems.
- Sec. 837. Should-cost management.
- Sec. 838. Improvements to test and evaluation processes and tools.
- Sec. 839. Enhancements to transparency in test and evaluation processes and data.

Subtitle D—Provisions Relating to Acquisition Workforce

- Sec. 841. Enhancements to the civilian program management workforce.
- Sec. 842. Credits to Department of Defense Acquisition Workforce Development Fund.
- Sec. 843. Improvements to the hiring and training of the acquisition workforce.
- Sec. 844. Extension and modifications to acquisition demonstration project.

Subtitle E—Provisions Relating to Commercial Items

- Sec. 846. Procurement through commercial e-commerce portals.
- Sec. 847. Revision to definition of commercial item.
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- Sec. 851. Improvement of planning for acquisition of services.
- Sec. 852. Standard guidelines for evaluation of requirements for services contracts.
- Sec. 853. Report on outcome-based services contracts.
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Subtitle G—Provisions Relating to Other Transaction Authority and Prototyping

- Sec. 861. Contract authority for advanced development of initial or additional prototype units.
- Sec. 862. Methods for entering into research agreements.
- Sec. 863. Education and training for transactions other than contracts and grants.
- Sec. 864. Other transaction authority for certain prototype projects.

- Sec. 865. Amendment to nontraditional and small contractor innovation prototyping program.
- Sec. 866. Middle tier of acquisition for rapid prototype and rapid fielding.
- Sec. 867. Preference for use of other transactions and experimental authority.
- Sec. 868. Prototype projects to digitize defense acquisition regulations, policies, and guidance, and empower user tailoring of acquisition process.

#### Subtitle H—Provisions Relating to Software Acquisition

- Sec. 871. Noncommercial computer software acquisition considerations.
- Sec. 872. Defense Innovation Board analysis of software acquisition regulations.
- Sec. 873. Pilot program to use agile or iterative development methods to tailor major software-intensive warfighting systems and defense business systems.
- Sec. 874. Software development pilot program using agile best practices.
- Sec. 875. Pilot program for open source software.

#### Subtitle I—Other Matters

- Sec. 881. Extension of maximum duration of fuel storage contracts.
- Sec. 882. Procurement of aviation critical safety items.
- Sec. 883. Modifications to the advisory panel on streamlining and codifying acquisition regulations.
- Sec. 884. Repeal of expired pilot program for leasing commercial utility cargo vehicles.
- Sec. 885. Exception for business operations from requirement to accept \$1 coins.
- Sec. 886. Development of Procurement Administrative Lead Time.
- Sec. 887. Notional milestones and standard timelines for contracts for foreign military sales.
- Sec. 888. Assessment and authority to terminate or prohibit contracts for procurement from Chinese companies providing support to the Democratic People's Republic of Korea.
- Sec. 889. Report on defense contracting fraud.
- Sec. 890. Comptroller General report on contractor business system requirements.
- Sec. 891. Training on agile or iterative development methods.

## 1 **Subtitle A—Acquisition Policy and** 2 **Management**

### 3 **SEC. 801. STATEMENTS OF PURPOSE FOR DEPARTMENT OF** 4 **DEFENSE ACQUISITION.**

5 Not later than 180 days after the date of the enact-  
6 ment of this Act, the Secretary of Defense shall revise the  
7 Defense Federal Acquisition Regulation Supplement to in-  
8 clude the following statements of purpose:

1           (1) The defense acquisition system (as defined  
2           in section 2545 of title 10, United States Code) ex-  
3           ists to manage the investments of the United States  
4           in technologies, programs, and product support nec-  
5           essary to achieve the national security strategy pre-  
6           scribed by the President pursuant to section 108 of  
7           the National Security Act of 1947 (50 U.S.C. 3043)  
8           and to support the United States Armed Forces.

9           (2) The investment strategy of the Department  
10          of Defense shall be postured to support not only the  
11          current United States Armed Forces, but also future  
12          Armed Forces of the United States.

13          (3) The primary objective of Department of De-  
14          fense acquisition is to acquire quality products that  
15          satisfy user needs with measurable improvements to  
16          mission capability and operational support, in a  
17          timely manner, and at a fair and reasonable price.

18 **SEC. 802. MANAGEMENT OF INTELLECTUAL PROPERTY**  
19                   **MATTERS WITHIN THE DEPARTMENT OF DE-**  
20                   **FENSE.**

21          (a) MANAGEMENT OF INTELLECTUAL PROPERTY.—

22                  (1) IN GENERAL.—Chapter 137 of title 10,  
23          United States Code, is amended by inserting after  
24          section 2321 the following new section:



1 **“§ 2322. Management of intellectual property matters**  
2 **within the Department of Defense**

3 “(a) POLICY REQUIRED.—The Secretary of Defense,  
4 acting through the Under Secretary of Defense for Acqui-  
5 sition and Sustainment, shall develop policy on the acqui-  
6 sition or licensing of intellectual property—

7 “(1) to enable coordination and consistency  
8 across the military departments and the Department  
9 of Defense in strategies for acquiring or licensing in-  
10 tellectual property and communicating with industry;

11 “(2) to ensure that program managers are  
12 aware of the rights afforded the Federal Government  
13 and contractors in intellectual property and that  
14 program managers fully consider and use all avail-  
15 able techniques and best practices for acquiring or  
16 licensing intellectual property early in the acquisition  
17 process; and

18 “(3) to encourage customized intellectual prop-  
19 erty strategies for each system based on, at a min-  
20 imum, the unique characteristics of the system and  
21 its components, the product support strategy for the  
22 system, the organic industrial base strategy of the  
23 military department concerned, and the commercial  
24 market.

25 “(b) CADRE OF INTELLECTUAL PROPERTY EX-  
26 PERTS.—(1) The Secretary of Defense, acting through the

1 Under Secretary of Defense for Acquisition and  
2 Sustainment, shall establish a cadre of personnel who are  
3 experts in intellectual property matters. The purpose of  
4 the cadre is to ensure a consistent, strategic, and highly  
5 knowledgeable approach to acquiring or licensing intellec-  
6 tual property by providing expert advice, assistance, and  
7 resources to the acquisition workforce on intellectual prop-  
8 erty matters, including acquiring or licensing intellectual  
9 property.

10 “(2) The Under Secretary shall establish an appro-  
11 priate leadership structure and office within which the  
12 cadre shall be managed, and shall determine the appro-  
13 priate official to whom members of the cadre shall report.

14 “(3) The cadre of experts shall be assigned to a pro-  
15 gram office or an acquisition command within a military  
16 department to advise, assist, and provide resources to a  
17 program manager or program executive officer on intellec-  
18 tual property matters at various stages of the life cycle  
19 of a system. In performing such duties, the experts shall—

20 “(A) interpret and provide counsel on laws, reg-  
21 ulations, and policies relating to intellectual prop-  
22 erty;

23 “(B) advise and assist in the development of an  
24 acquisition strategy, product support strategy, and  
25 intellectual property strategy for a system;

1           “(C) conduct or assist with financial analysis  
2           and valuation of intellectual property;

3           “(D) assist in the drafting of a solicitation, con-  
4           tract, or other transaction;

5           “(E) interact with or assist in interactions with  
6           contractors, including communications and negotia-  
7           tions with contractors on solicitations and awards;  
8           and

9           “(F) conduct or assist with mediation if tech-  
10          nical data delivered pursuant to a contract is incom-  
11          plete or does not comply with the terms of agree-  
12          ments.

13          “(4)(A) In order to achieve the purpose set forth in  
14          paragraph (1), the Under Secretary shall ensure the cadre  
15          has the appropriate number of staff and such staff pos-  
16          sesses the necessary skills, knowledge, and experience to  
17          carry out the duties under paragraph (2), including in rel-  
18          evant areas of law, contracting, acquisition, logistics, engi-  
19          neering, financial analysis, and valuation. The Under Sec-  
20          retary, in coordination with the Defense Acquisition Uni-  
21          versity and in consultation with academia and industry,  
22          shall develop a career path, including development oppor-  
23          tunities, exchanges, talent management programs, and  
24          training, for the cadre. The Under Secretary may use ex-

1 listing authorities to staff the cadre, including those in sub-  
2 paragraphs (B), (C), (D), and (F).

3 “(B) Civilian personnel from within the Office of the  
4 Secretary of Defense, Joint Staff, military departments,  
5 Defense Agencies, and combatant commands may be as-  
6 signed to serve as members of the cadre, upon request of  
7 the Director.

8 “(C) The Under Secretary may use the authorities  
9 for highly qualified experts under section 9903 of title 5,  
10 to hire experts as members of the cadre who are skilled  
11 professionals in intellectual property and related matters.

12 “(D) The Under Secretary may enter into a contract  
13 with a private-sector entity for specialized expertise to  
14 support the cadre. Such entity may be considered a cov-  
15 ered Government support contractor, as defined in section  
16 2320 of this title.

17 “(E) In establishing the cadre, the Under Secretary  
18 shall give preference to civilian employees of the Depart-  
19 ment of Defense, rather than members of the armed  
20 forces, to maintain continuity in the cadre.

21 “(F) The Under Secretary is authorized to use  
22 amounts in the Defense Acquisition Workforce Develop-  
23 ment Fund for the purpose of recruitment, training, and  
24 retention of the cadre, including paying salaries of newly  
25 hired members of the cadre for up to three years.”.

1           (2) CLERICAL AMENDMENT.—The table of sec-  
2           tions at the beginning of such chapter is amended  
3           by adding at the end the following new item:

          “2322. Management of intellectual property matters within the Department of  
          Defense.”.

4           (b) ADDITIONAL ACQUISITION POSITION.—Sub-  
5           section 1721(b) of title 10, United States Code, is amend-  
6           ed by adding at the end the following new paragraph:

7           “(12) Intellectual property.”.

8   **SEC. 803. PERFORMANCE OF INCURRED COST AUDITS.**

9           (a) IN GENERAL.—Chapter 137 of title 10, United  
10          States Code, is amended by inserting after section 2313a  
11          the following new section:

12   **“§ 2313b. Performance of incurred cost audits**

13          “(a) COMPLIANCE WITH STANDARDS OF RISK AND  
14          MATERIALITY.—Not later than October 1, 2020, the Sec-  
15          retary of Defense shall comply with commercially accepted  
16          standards of risk and materiality in the performance of  
17          each incurred cost audit of costs associated with a contract  
18          of the Department of Defense.

19          “(b) CONDITIONS FOR THE USE OF QUALIFIED  
20          AUDITORS TO PERFORM INCURRED COST AUDITS.—(1)  
21          To support the need of the Department of Defense for  
22          timely and effective incurred cost audits, and to ensure  
23          that the Defense Contract Audit Agency is able to allocate  
24          resources to higher-risk and more complex audits, the Sec-

1 retary of Defense shall use qualified private auditors to  
2 perform a sufficient number of incurred cost audits of con-  
3 tracts of the Department of Defense to—

4           “(A) eliminate, by October 1, 2020, any back-  
5 log of incurred cost audits of the Defense Contract  
6 Audit Agency;

7           “(B) ensure that incurred cost audits are com-  
8 pleted not later than one year after the date of re-  
9 ceipt of a qualified incurred cost submission;

10           “(C) maintain an appropriate mix of Govern-  
11 ment and private sector capacity to meet the current  
12 and future needs of the Department of Defense for  
13 the performance of incurred cost audits;

14           “(D) ensure that qualified private auditors per-  
15 form incurred cost audits on an ongoing basis to im-  
16 prove the efficiency and effectiveness of the perform-  
17 ance of incurred cost audits; and

18           “(E) limit multiyear auditing to ensure that  
19 multiyear auditing is conducted only—

20           “(A) to address outstanding incurred cost  
21 audits for which a qualified incurred cost sub-  
22 mission was submitted to the Defense Contract  
23 Audit Agency more than 12 months before the  
24 date of the enactment of this section; or

1           “(B) when the contractor being audited  
2           submits a written request, including a justifica-  
3           tion for the use of multiyear auditing, to the  
4           Under Secretary of Defense (Comptroller).

5           “(2) The Secretary of Defense shall consult with Fed-  
6           eral agencies that have awarded contracts or task orders  
7           to qualified private auditors to ensure that the Depart-  
8           ment of Defense is using, as appropriate, best practices  
9           relating to contracting with qualified private auditors.

10          “(3) The Secretary of Defense shall ensure that a  
11          qualified private auditor performing an incurred cost audit  
12          under this section—

13               “(A) has no conflict of interest in performing  
14               such an audit, as defined by generally accepted gov-  
15               ernment auditing standards;

16               “(B) possesses the necessary independence to  
17               perform such an audit, as defined by generally ac-  
18               cepted government auditing standards;

19               “(C) signs a nondisclosure agreement, as appro-  
20               priate, to protect proprietary or nonpublic data;

21               “(D) accesses and uses proprietary or nonpublic  
22               data furnished to the qualified private auditor only  
23               for the purposes stated in the contract;

1           “(E) takes all reasonable steps to protect pro-  
2           prietary and nonpublic data furnished during the  
3           audit; and

4           “(F) does not use proprietary or nonpublic data  
5           provided to the qualified private auditor under the  
6           authority of this section to compete for Government  
7           or nongovernment contracts.

8           “(c) PROCEDURES FOR THE USE OF QUALIFIED PRI-  
9           VATE AUDITORS.—(1) Not later than October 1, 2018, the  
10          Secretary of Defense shall submit to the congressional de-  
11          fense committees a plan to implement the requirements  
12          of subsection (b). Such plan shall include, at a minimum—

13           “(A) a description of the incurred cost audits  
14           that the Secretary determines are appropriate to be  
15           conducted by qualified private auditors, including  
16           the approximate number and dollar value of such in-  
17           curred cost audits;

18           “(B) an estimate of the number and dollar  
19           value of incurred cost audits to be conducted by  
20           qualified private auditors for each of the fiscal years  
21           2019 through 2025 necessary to meet the require-  
22           ments of subsection (b); and

23           “(C) all other elements of an acquisition plan  
24           as required by the Federal Acquisition Regulation.



1           “(2) Not later than April 1, 2019, the Secretary of  
2 Defense or a Federal department or agency authorized by  
3 the Secretary shall award a contract or issue a task order  
4 under an existing contract to two or more qualified private  
5 auditors to perform incurred cost audits of costs associ-  
6 ated with contracts of the Department of Defense. The  
7 Defense Contract Management Agency or a contract ad-  
8 ministration office of a military department shall use a  
9 contract or a task order awarded or issued pursuant to  
10 this paragraph for the performance of an incurred cost  
11 audit, if doing so will assist the Secretary in meeting the  
12 requirements in subsection (b).

13           “(3) To improve the quality of incurred cost audits  
14 and reduce duplication of performance of such audits, the  
15 Secretary of Defense may provide a qualified private audi-  
16 tor with information on past or ongoing audit results or  
17 other relevant information on the entities the qualified pri-  
18 vate auditor is auditing.

19           “(4) The Secretary of Defense shall consider the re-  
20 sults of an incurred cost audit performed under this sec-  
21 tion without regard to whether the Defense Contract  
22 Audit Agency or a qualified private auditor performed the  
23 audit.

24           “(5) The contracting officer for a contract that is the  
25 subject of an incurred cost audit shall have the sole discre-

1 tion to determine what action should be taken based on  
2 an audit finding on direct costs of the contract.

3 “(d) QUALIFIED PRIVATE AUDITOR REQUIRE-  
4 MENTS.—(1) A qualified private auditor awarded a con-  
5 tract or issued an task order under subsection (c)(2) shall  
6 conduct an incurred cost audit in accordance with the gen-  
7 erally accepted government auditing standards.

8 “(2) A qualified private auditor awarded a contract  
9 or issued an task order under subsection (c)(2) shall de-  
10 velop and maintain complete and accurate working papers  
11 on each incurred cost audit. All working papers and re-  
12 ports on the incurred cost audit prepared by such qualified  
13 private auditor shall be the property of the Department  
14 of Defense, except that the qualified private auditor may  
15 retain a complete copy of all working papers to support  
16 such reports made pursuant to this section.

17 “(3) A breach of contract by a qualified private audi-  
18 tor with respect to use of proprietary or nonpublic data  
19 may subject the qualified private auditor to—

20 “(A) criminal, civil, administrative, and con-  
21 tractual actions for penalties, damages, and other  
22 appropriate remedies by the United States; and

23 “(B) civil actions for damages and other appro-  
24 priate remedies by the contractor or subcontractor  
25 whose data are affected by the breach.

1           “(e) PEER REVIEW.—(1) Effective October 1, 2022,  
2 the Defense Contract Audit Agency may issue unqualified  
3 audit findings for an incurred cost audit only if the De-  
4 fense Contract Audit Agency is peer reviewed by a com-  
5 mercial auditor and passes such peer review. Such peer  
6 review shall be conducted in accordance with the peer re-  
7 view requirements of generally accepted government audit-  
8 ing standards, including the requirements related to fre-  
9 quency of peer reviews, and shall be deemed to meet the  
10 requirements of the Defense Contract Audit Agency for  
11 a peer review under such standards.

12           “(2) Not later than October 1, 2019, the Secretary  
13 of Defense shall provide to the Committees on Armed  
14 Services of the Senate and the House of Representatives  
15 an update on the process of securing a commercial auditor  
16 to perform the peer review referred to in paragraph (1).

17           “(f) NUMERIC MATERIALITY STANDARDS FOR IN-  
18 CURRED COST AUDITS.—(1) Not later than October 1,  
19 2020, the Department of Defense shall implement numeric  
20 materiality standards for incurred cost audits to be used  
21 by auditors that are consistent with commercially accepted  
22 standards of risk and materiality.

23           “(2) Not later than October 1, 2019, the Secretary  
24 of Defense shall submit to the congressional defense com-  
25 mittees a report containing proposed numeric materiality

1 standards required under paragraph (1). In developing  
2 such standards, the Secretary shall consult with commer-  
3 cial auditors that conduct incurred cost audits, the advi-  
4 sory panel authorized under section 809 of the National  
5 Defense Authorization Act for Fiscal Year 2016 (Public  
6 Law 114–92; 129 Stat. 889), and other governmental and  
7 nongovernmental entities with relevant expertise.

8 “(g) TIMELINESS OF INCURRED COST AUDITS.—(1)  
9 The Secretary of Defense shall ensure that all incurred  
10 cost audits performed by qualified private auditors or the  
11 Defense Contract Audit Agency are performed in a timely  
12 manner.

13 “(2) The Secretary of Defense shall notify a con-  
14 tractor of the Department of Defense within 60 days after  
15 receipt of an incurred cost submission from the contractor  
16 whether the submission is a qualified incurred cost sub-  
17 mission.

18 “(3) With respect to qualified incurred cost submis-  
19 sions received on or after the date of the enactment of  
20 this section, audit findings shall be issued for an incurred  
21 cost audit not later than one year after the date of receipt  
22 of such qualified incurred cost submission.

23 “(4) Not later than October 1, 2020, and subject to  
24 paragraph (5), if audit findings are not issued within one  
25 year after the date of receipt of a qualified incurred cost

1 submission, the audit shall be considered to be complete  
2 and no additional audit work shall be conducted.

3 “(5) The Under Secretary of Defense (Comptroller)  
4 may waive the requirements of paragraph (4) on a case-  
5 by-case basis if the Director of the Defense Contract Audit  
6 Agency submits a written request. The Director of the De-  
7 fense Contract Audit Agency shall include in the report  
8 required under section 2313a of this title the total number  
9 of waivers issued and the reasons for issuing each such  
10 waiver.

11 “(h) REVIEW OF AUDIT PERFORMANCE.—Not later  
12 than April 1, 2025, the Comptroller General of the United  
13 States shall submit to the congressional defense commit-  
14 tees a report that evaluates for the period beginning on  
15 October 1, 2019, and ending on August 31, 2023—

16 “(1) the timeliness, individual cost, and quality  
17 of incurred cost audits, set forth separately by in-  
18 curred cost audits performed by the Defense Con-  
19 tract Audit Agency and by qualified private auditors;

20 “(2) the cost to contractors of the Department  
21 of Defense for incurred cost audits, set forth sepa-  
22 rately by incurred cost audits performed by the De-  
23 fense Contract Audit Agency and by qualified pri-  
24 vate auditors;

1           “(3) the effect, if any, on other types of audits  
2           conducted by the Defense Contract Audit Agency  
3           that results from incurred cost audits conducted by  
4           qualified private auditors; and

5           “(4) the capability and capacity of qualified pri-  
6           vate auditors to conduct incurred cost audits for the  
7           Department of Defense.

8           “(i) DEFINITIONS.—In this section:

9           “(1) The term ‘commercial auditor’ means a  
10          private entity engaged in the business of performing  
11          audits.

12          “(2) The term ‘incurred cost audit’ means an  
13          audit of charges to the Government by a contractor  
14          under a flexibly priced contract.

15          “(3) The term ‘flexibly priced contract’ has the  
16          meaning given the term ‘flexibly-priced contracts  
17          and subcontracts’ in part 30 of the Federal Acquisi-  
18          tion Regulation (section 30.001 of title 48, Code of  
19          Federal Regulations).

20          “(4) The term ‘generally accepted government  
21          auditing standards’ means the generally accepted  
22          government auditing standards of the Comptroller  
23          General of the United States.

24          “(5) The term ‘numeric materiality standard’  
25          means a dollar amount of misstatements, including

1 omissions, contained in an incurred cost audit that  
2 would be material if the misstatements, individually  
3 or in the aggregate, could reasonably be expected to  
4 influence the economic decisions of the Government  
5 made on the basis of the incurred cost audit.

6 “(6) The term ‘qualified incurred cost submis-  
7 sion’ means a submission by a contractor of costs in-  
8 curred under a flexibly priced contract that has been  
9 qualified by the Department of Defense as sufficient  
10 to conduct an incurred cost audit.

11 “(7) The term ‘qualified private auditor’ means  
12 a commercial auditor—

13 “(A) that performs audits in accordance  
14 with generally accepted government auditing  
15 standards; and

16 “(B) that has received a passing peer re-  
17 view rating, as defined by generally accepted  
18 government auditing standards.”.

19 (b) CLERICAL AMENDMENT.—The table of sections  
20 at the beginning of such chapter is amended by inserting  
21 after the item relating to section 2313a the following new  
22 item:

“2313b. Performance of incurred cost audits.”.

23 (c) AMENDMENT TO DUTIES OF THE ADVISORY  
24 PANEL ON STREAMLINING AND CODIFYING ACQUISITION  
25 REGULATIONS.—Subsection (c)(2) of section 809 of the

1 National Defense Authorization Act for Fiscal Year 2016  
2 (Public Law 114–92; 129 Stat. 889), as amended by sec-  
3 tion 863(d) of the National Defense Authorization Act for  
4 Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2303),  
5 is amended—

6 (1) in subparagraph (D) by striking “and” at  
7 the end;

8 (2) by redesignating subparagraph (E) as sub-  
9 paragraph (F);

10 (3) by adding after subparagraph (D) the fol-  
11 lowing new subparagraph:

12 “(E) improve the efficiency of the contract  
13 auditing process, including through the develop-  
14 ment of risk-based materiality standards; and”;  
15 and

16 (4) in subparagraph (F) (as so redesignated),  
17 by striking “subparagraphs (A) through (D)” and  
18 inserting “subparagraphs (A) through (E)”.

19 **SEC. 804. REPEAL OF CERTAIN AUDITING REQUIREMENTS.**

20 Section 190 of title 10, United States Code, as pro-  
21 posed to be added by section 820(b)(1) of the National  
22 Defense Authorization Act for Fiscal Year 2017 (Public  
23 Law 114–328; 130 Stat. 2274), is amended by striking  
24 subsection (f).



1 **SEC. 805. INCREASED SIMPLIFIED ACQUISITION THRESH-**  
2 **OLD.**

3 Section 134 of title 41, United States Code, is  
4 amended by striking “\$100,000” and inserting  
5 “\$250,000”.

6 **SEC. 806. REQUIREMENTS RELATED TO THE MICRO-PUR-**  
7 **CHASE THRESHOLD.**

8 (a) INCREASE IN THRESHOLD.—Section 1902(a)(1)  
9 of title 41, United States Code, is amended by striking  
10 “\$3,000” and inserting “\$10,000”.

11 (b) CONVENIENCE CHECKS.—A convenience check  
12 may not be used for an amount in excess of one half of  
13 the micro-purchase threshold under section 1902(a) of  
14 title 41, United States Code, or a lower amount estab-  
15 lished by the head of the agency.

16 **SEC. 807. PROCESS FOR ENHANCED SUPPLY CHAIN SCRU-**  
17 **TINY.**

18 (a) PROCESS.—Not later than 90 days after the date  
19 of the enactment of this Act, the Secretary of Defense  
20 shall establish a process for enhancing scrutiny of acquisi-  
21 tion decisions in order to improve the integration of supply  
22 chain risk management into the overall acquisition deci-  
23 sion cycle.

24 (b) ELEMENTS.—The process under subsection (a)  
25 shall include the following elements:

1           (1) Designation of a senior official responsible  
2           for overseeing the development and implementation  
3           of the process.

4           (2) Development or integration of tools to sup-  
5           port commercial due-diligence, business intelligence,  
6           or otherwise analyze and monitor commercial activ-  
7           ity to understand business relationships with entities  
8           determined to be threats to the United States.

9           (3) Development of risk profiles of products or  
10          services based on commercial due-diligence tools and  
11          data services.

12          (4) Development of education and training cur-  
13          ricula for the acquisition workforce that supports the  
14          process.

15          (5) Integration, as needed, with intelligence  
16          sources to develop threat profiles of entities deter-  
17          mined to be threats to the United States.

18          (6) Periodic review and assessment of software  
19          products and services on computer networks of the  
20          Department of Defense to remove prohibited prod-  
21          ucts or services.

22          (7) Synchronization of the use of current au-  
23          thorities for making supply chain decisions, includ-  
24          ing section 806 of Public Law 111-383 (10 U.S.C.

1 2304 note) or improved use of suspension and de-  
2 barment officials.

3 (8) Coordination with interagency, industrial,  
4 and international partners, as appropriate, to share  
5 information, develop Government-wide strategies for  
6 dealing with significant entities determined to be sig-  
7 nificant threats to the United States, and effectively  
8 use authorities in other departments and agencies to  
9 provide consistent, Government-wide approaches to  
10 supply chain threats.

11 (9) Other matters as the Secretary considers  
12 necessary.

13 (c) NOTIFICATION.—Not later than 90 days after es-  
14 tablishing the process required by subsection (a), the Sec-  
15 retary shall provide a written notification to the Commit-  
16 tees on Armed Services of the Senate and House of Rep-  
17 resentatives that the process has been established. The no-  
18 tification also shall include the following:

19 (1) Identification of the official designated  
20 under subsection (b)(1).

21 (2) Identification of tools and services currently  
22 available to the Department of Defense under sub-  
23 section (b)(2).

1           (3) Assessment of additional tools and services  
2           available under subsection (b)(2) that the Depart-  
3           ment of Defense should evaluate.

4           (4) Identification of, or recommendations for,  
5           any statutory changes needed to improve the effec-  
6           tiveness of the process.

7           (5) Projected resource needs for implementing  
8           any recommendations made by the Secretary.

9   **SEC. 808. DEFENSE POLICY ADVISORY COMMITTEE ON**  
10                                   **TECHNOLOGY.**

11           (a) ESTABLISHMENT.—Not later than 180 days after  
12 the date of the enactment of this Act, the Secretary of  
13 Defense, acting through the Chief Management Officer,  
14 shall form a committee of senior executives from United  
15 States firms in the national technology and industrial base  
16 to meet with the Secretary, the Secretaries of the military  
17 departments, and members of the Joint Chiefs of Staff  
18 to exchange information, including, as appropriate, classi-  
19 fied information, on technology threats to the national se-  
20 curity of the United States and on the emerging tech-  
21 nologies from the national technology and industrial base  
22 that may become available to counter such threats in a  
23 timely manner.

24           (b) MEETINGS.—The defense policy advisory com-  
25 mittee on technology formed pursuant to subsection (a)

1 shall meet with the Secretary and the other Department  
2 of Defense officials specified in such subsection collectively  
3 at least once annually in each of fiscal years 2018 through  
4 2022. The Secretary of Defense shall provide the congress-  
5 sional defense committees annual briefings on the meet-  
6 ings.

7 (c) FEDERAL ADVISORY COMMITTEE ACT.—The  
8 Federal Advisory Committee Act (5 U.S.C. App.) shall not  
9 apply to the defense policy advisory committee on tech-  
10 nology established pursuant to this section.

11 **SEC. 809. REPORT ON EXTENSION OF DEVELOPMENT, AC-**  
12 **QUISITION, AND SUSTAINMENT AUTHORITIES**  
13 **OF THE MILITARY DEPARTMENTS TO THE**  
14 **UNITED STATES SPECIAL OPERATIONS COM-**  
15 **MAND.**

16 (a) REVIEW.—The Secretary of Defense shall carry  
17 out a review of the authorities available to the Secretaries  
18 of the military departments and the acquisition executives  
19 of the military departments for the development, acquisi-  
20 tion, and sustainment of technology, equipment, and serv-  
21 ices for the military departments in order to determine  
22 the feasibility and advisability of the provision of such au-  
23 thorities to the Commander of the United States Special  
24 Operations Command and the acquisition executive of the  
25 Command for the development, acquisition, and

1 sustainment of special operations-peculiar technology,  
2 equipment, and services.

3 (b) REPORT.—Not later than 120 days after the date  
4 of the enactment of this Act, the Secretary shall submit  
5 to the Committees on Armed Services of the Senate and  
6 the House of Representatives a report on the review re-  
7 quired by subsection (a). The report shall include the fol-  
8 lowing:

9 (1) A description of the review.

10 (2) An identification of the authorities the Sec-  
11 retary recommends for provision to the Commander  
12 of the United States Special Operations Command  
13 and the acquisition executive of the Command as de-  
14 scribed in subsection (a), and recommendations for  
15 any modifications of such authorities that the Sec-  
16 retary considers appropriate for purposes of the  
17 United States Special Operations Command.

18 (3) Such recommendations for legislative or ad-  
19 ministrative action as the Secretary considers appro-  
20 priate for the provision of authorities identified pur-  
21 suant to paragraph (2) as described in subsection  
22 (a).

23 (4) Such other matters as the Secretary con-  
24 siders appropriate in light of the review.

1 **SEC. 810 . TECHNICAL AND CONFORMING AMENDMENTS**  
2 **RELATED TO PROGRAM MANAGEMENT PRO-**  
3 **VISIONS.**

4 (a) REPEAL OF DUPLICATIVE PROVISION RELATED  
5 TO PROGRAM AND PROJECT MANAGEMENT.—Subsection  
6 (c) of section 503 of title 31, United States Code, as added  
7 by section 861(a)(1) of the National Defense Authoriza-  
8 tion Act for Fiscal Year 2017 (Public Law 114–328; 130  
9 Stat. 2298), is repealed.

10 (b) REPEAL OF DUPLICATIVE PROVISION RELATED  
11 TO PROGRAM MANAGEMENT OFFICERS AND PROGRAM  
12 MANAGEMENT POLICY COUNCIL.—Section 1126 of title  
13 31, United States Code, as added by section 861(b)(1) of  
14 the National Defense Authorization Act for Fiscal Year  
15 2017 (Public Law 114–328; 130 Stat. 2299), is repealed.

16 (c) REPEAL OF OBSOLETE PROVISIONS.—Section  
17 861 of the National Defense Authorization Act for Fiscal  
18 Year 2017 (Public Law 114–328; 130 Stat. 2299) is re-  
19 pealed.

20 **Subtitle B—Amendments to Gen-**  
21 **eral Contracting Authorities,**  
22 **Procedures, and Limitations**

23 **SEC. 811. MODIFICATIONS TO COST OR PRICING DATA AND**  
24 **REPORTING REQUIREMENTS.**

25 (a) MODIFICATIONS TO SUBMISSIONS OF COST OR  
26 PRICING DATA.—

1           (1) TITLE 10.—Subsection (a) of section 2306a  
2 of title 10, United States Code, is amended—

3           (A) by striking “December 5, 1990” each  
4 place it appears and inserting “June 30, 2018”;

5           (B) by striking “December 5, 1991” each  
6 place it appears and inserting “July 1, 2018”;

7           (C) by striking “\$100,000” each place it  
8 appears and inserting “\$750,000”;

9           (D) in paragraph (1)—

10           (i) in subparagraphs (A)(i), (B)(i),  
11 (C)(i), (C)(ii), and (D)(i), by striking  
12 “\$500,000” and inserting “\$2,000,000”;

13           and

14           (ii) in subparagraph (B)(ii), by strik-  
15 ing “\$500,000” and inserting “\$750,000”;

16           (E) in paragraph (6), by striking “Decem-  
17 ber 5, 1990” and inserting “June 30, 2018”;  
18           and

19           (F) in paragraph (7), by striking “to the  
20 amount” and all that follows through “higher  
21 multiple of \$50,000.” and inserting “in accord-  
22 ance with section 1908 of title 41.”.

23           (2) TITLE 41.—Section 3502 of title 41, United  
24 States Code, is amended—

25           (A) in subsection (a)—



1 (i) by striking “October 13, 1994”  
2 each place it appears and inserting “June  
3 30, 2018”;

4 (ii) by striking “\$100,000” each place  
5 it appears and inserting “\$750,000”;

6 (iii) in paragraphs (1)(A), (2)(A),  
7 (3)(A), (3)(B), and (4)(A), by striking  
8 “\$500,000” and inserting “\$2,000,000”;  
9 and

10 (iv) in paragraph (2)(B), by striking  
11 “\$500,000” and inserting “\$750,000”;

12 (B) in subsection (f), by striking “October  
13 13, 1994” and inserting “June 30, 2018”; and

14 (C) in subsection (g), by striking “to the  
15 amount” and all that follows through “higher  
16 multiple of \$50,000.” and inserting “in accord-  
17 ance with section 1908.”.

18 (b) MODIFICATION TO AUTHORITY TO REQUIRE SUB-  
19 MISSION.—Paragraph (1) of section 2306a(d) of title 10,  
20 United States Code, is amended by striking “the con-  
21 tracting officer shall require submission of” and all the  
22 follows through “to the extent necessary” and inserting  
23 “the offeror shall be required to submit to the contracting  
24 officer data other than certified cost or pricing data (if

1 requested by the contracting officer), to the extent nec-  
2 essary”.

3 (c) COMPTROLLER GENERAL REVIEW OF MODIFICA-  
4 TIONS TO COST OR PRICING DATA SUBMISSION REQUIRE-  
5 MENTS.—Not later than March 1, 2022, the Comptroller  
6 General of the United States shall submit to the congres-  
7 sional defense committees a report on the implementation  
8 and effect of the amendments made by subsections (a) and  
9 (b).

10 (d) REQUIREMENTS FOR DEFENSE CONTRACT  
11 AUDIT AGENCY REPORT.—

12 (1) IN GENERAL.—Section 2313a of title 10,  
13 United States Code, is amended—

14 (A) in subsection (a)(2)—

15 (i) in subparagraph (A)—

16 (I) by inserting “and dollar  
17 value” after “number”; and

18 (II) by inserting “, set forth sep-  
19 arately by type of audit” after “pend-  
20 ing”;

21 (ii) in subparagraph (C), by inserting  
22 “, both from the date of receipt of a quali-  
23 fied incurred cost submission and from the  
24 date the audit begins” after “audit”;

1 (iii) by amending subparagraph (D) to  
2 read as follows:

3 “(D) the sustained questioned costs, set  
4 forth separately by type of audit, both as a  
5 total value and as a percentage of the total  
6 questioned costs for the audit;”;

7 (iv) by striking subparagraph (E);  
8 and

9 (v) by inserting after subparagraph  
10 (D) the following new subparagraphs:

11 “(E) the total number and dollar value of  
12 incurred cost audits completed, and the method  
13 by which such incurred cost audits were com-  
14 pleted;

15 “(F) the aggregate cost of performing au-  
16 dits, set forth separately by type of audit;

17 “(G) the ratio of sustained questioned  
18 costs to the aggregate costs of performing au-  
19 dits, set forth separately by type of audit; and

20 “(H) the total number and dollar value of  
21 audits that are pending for a period longer than  
22 one year as of the end of the fiscal year covered  
23 by the report, and the fiscal year in which the  
24 qualified submission was received, set forth sep-  
25 arately by type of audit;”;

1 (B) by adding at the end the following new  
2 subsection:

3 “(d) DEFINITIONS.—

4 “(1) The terms ‘incurred cost audit’ and ‘quali-  
5 fied incurred cost submission’ have the meaning  
6 given those terms in section 2313b of this title.

7 “(2) The term ‘sustained questioned costs’  
8 means questioned costs that were recovered by the  
9 Federal Government as a result of contract negotia-  
10 tions related to such questioned costs.”.

11 (2) EXEMPTION TO REPORT TERMINATION RE-  
12 QUIREMENTS.—Section 1080(a) of the National De-  
13 fense Authorization Act for Fiscal Year 2016 (Pub-  
14 lic Law 114–92; 129 Stat. 1000; 10 U.S.C. 111  
15 note), as amended by section 1061(j) of the National  
16 Defense Authorization Act for Fiscal Year 2017  
17 (Public Law 114–328; 130 Stat. 2405; 10 U.S.C.  
18 111 note), does not apply to the report required to  
19 be submitted to Congress under section 2313a of  
20 title 10, United States Code.

21 (e) ADJUSTMENT TO VALUE OF COVERED CON-  
22 TRACTS FOR REQUIREMENTS RELATING TO ALLOWABLE  
23 COSTS.—Subparagraph (B) of section 2324(l)(1) of title  
24 10, United States Code, is amended by striking “to the  
25 equivalent” and all that follows through “higher multiple

1 of \$50,000.” and inserting “in accordance with section  
2 1908 of title 41.”.

3 **SEC. 812. APPLICABILITY OF COST AND PRICING DATA CER-**  
4 **TIFICATION REQUIREMENTS.**

5 Section 830(d) of the National Defense Authorization  
6 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
7 2286) is amended—

8 (1) in paragraph (1)(A), by striking “same  
9 product” and inserting “same or similar product”;

10 (2) by redesignating paragraph (2) as para-  
11 graph (4); and

12 (3) by inserting after paragraph (1) the fol-  
13 lowing new paragraphs:

14 “(2) DETERMINATION OF SAME OR SIMILAR  
15 PRODUCT.—The Secretary of Defense and the Sec-  
16 retary of State shall jointly determine whether a  
17 product is considered to be a similar product for the  
18 purposes of this pilot program.

19 “(3) WAIVER OF COST OR PRICING CERTIFI-  
20 CATION.—The Secretary of Defense may waive the  
21 certification requirement under section 2306a(a)(2)  
22 of title 10, United States Code, if the Secretary de-  
23 termines that the Federal Government has sufficient  
24 data and information regarding the reasonableness  
25 of the price.”.

1 **SEC. 813. SUNSET OF CERTAIN PROVISIONS RELATING TO**  
2 **THE PROCUREMENT OF GOODS OTHER THAN**  
3 **UNITED STATES GOODS.**

4 (a) **CHEMICAL WEAPONS ANTIDOTE.**—Section  
5 2534(c) of title 10, United States Code, is amended by  
6 adding at the end the following new paragraph:

7 “(5) **CHEMICAL WEAPONS ANTIDOTE.**—Sub-  
8 sections (a)(2) and (b)(2) shall cease to be effective  
9 on October 1, 2018.”.

10 (b) **PHOTOVOLTAIC DEVICES.**—Effective October 1,  
11 2018, section 858 of the Carl Levin and Howard P.  
12 “Buck” McKeon National Defense Authorization Act for  
13 Fiscal Year 2015 (Public Law 113–291; 10 U.S.C. 2534  
14 note) is repealed.

15 **SEC. 814. COMPTROLLER GENERAL REPORT ON HEALTH**  
16 **AND SAFETY RECORDS.**

17 (1) **IN GENERAL.**—Not later than one year  
18 after the date of the enactment of this Act, the  
19 Comptroller General of the United States shall sub-  
20 mit to the Secretary of Defense and the congres-  
21 sional defense committees a report on the safety and  
22 health records of Department of Defense contrac-  
23 tors.

24 (2) **ELEMENTS.**—The report required under  
25 paragraph (1) shall include the following elements:

1 (A) A description of the existing proce-  
2 dures of the Department of Defense to evaluate  
3 the safety and health records of current and  
4 prospective contractors.

5 (B) An evaluation of the adherence of the  
6 Department of Defense to such procedures.

7 (C) An assessment of the current incidence  
8 of safety and health violations by Department  
9 of Defense contractors.

10 (D) An assessment of whether the Sec-  
11 retary of Labor has the resources to investigate  
12 and identify safety and health violations by De-  
13 partment of Defense contractors.

14 (E) An assessment of whether the Sec-  
15 retary of Labor should consider assuming an  
16 expanded investigatory role or a targeted en-  
17 forcement program for ensuring the safety and  
18 health of individuals working under Department  
19 of Defense contracts.

20 **SEC. 815. LIMITATION ON UNILATERAL DEFINITIZATION.**

21 (a) LIMITATION.—Section 2326 of title 10, United  
22 States Code, is amended—

23 (1) by redesignating subsections (c), (d), (e),  
24 (f), (g), (h), and (i) as subsections (d), (e), (f), (g),  
25 (h), (i), and (j) respectively; and

1           (2) by inserting after subsection (b) the fol-  
2           lowing new subsection (c):

3           “(c) LIMITATION ON UNILATERAL DEFINITIZATION  
4 BY CONTRACTING OFFICER.—With respect to any  
5 undefinitized contractual action with a value greater than  
6 \$50,000,000, if agreement is not reached on contractual  
7 terms, specifications, and price within the period or by the  
8 date provided in subsection (b)(1), the contracting officer  
9 may not unilaterally definitize those terms, specifications,  
10 or price over the objection of the contractor until—

11           “(1) the service acquisition executive for the  
12           military department that awarded the contract, or  
13           the Under Secretary of Defense for Acquisition and  
14           Sustainment if the contract was awarded by a De-  
15           fense Agency or other component of the Department  
16           of Defense, approves the definitization in writing;

17           “(2) the contracting officer provides a copy of  
18           the written approval to the contractor; and

19           “(3) a period of 30 calendar days has elapsed  
20           after the written approval is provided to the con-  
21           tractor.”.

22           (b) CONFORMING AMENDMENT.—Section 2326(b)(3)  
23 of such title is amended by striking “subsection (g)” and  
24 inserting “subsection (h)”.



1 (c) CONFORMING REGULATIONS.—Not later than  
2 120 days after the date of the enactment of this Act, the  
3 Secretary of Defense shall revise the Department of De-  
4 fense Supplement to the Federal Acquisition Regulation  
5 to implement section 2326 of title 10, United States Code,  
6 as amended by this section.

7 **SEC. 816. AMENDMENT TO SUSTAINMENT REVIEWS.**

8 Section 2441(a) of title 10, United States Code, is  
9 amended by adding at the end the following: “The Sec-  
10 retary concerned shall make the memorandum and sup-  
11 porting documentation for each sustainment review avail-  
12 able to the Under Secretary of Defense for Acquisition and  
13 Sustainment within 30 days after the review is com-  
14 pleted.”.

15 **SEC. 817. USE OF PROGRAM INCOME BY ELIGIBLE ENTI-**  
16 **TIES THAT CARRY OUT PROCUREMENT TECH-**  
17 **NICAL ASSISTANCE PROGRAMS.**

18 Section 2414 of title 10, United States Code, is  
19 amended—

20 (1) in the section heading, by striking “**LIMI-**  
21 **TATION**” and inserting “**FUNDING**”; and

22 (2) by adding at the end the following new sub-  
23 section:

24 “(d) USE OF PROGRAM INCOME.—

1           “(1) An eligible entity that earned income in a  
2           specified fiscal year from activities carried out pur-  
3           suant to a procurement technical assistance program  
4           funded under this chapter may expend an amount of  
5           such income, not to exceed 25 percent of the cost of  
6           furnishing procurement technical assistance in such  
7           specified fiscal year, during the fiscal year following  
8           such specified fiscal year, to carry out a procure-  
9           ment technical assistance program funded under this  
10          chapter.

11          “(2) An eligible entity that does not enter into  
12          a cooperative agreement with the Secretary for a fis-  
13          cal year—

14                 “(A) shall notify the Secretary of the  
15                 amount of any income the eligible entity carried  
16                 over from the previous fiscal year; and

17                 “(B) may retain an amount of such income  
18                 equal to 10 percent of the value of assistance  
19                 furnished by the Secretary under this section  
20                 during the previous fiscal year.

21          “(3) In determining the value of assistance fur-  
22          nished by the Secretary under this section for any  
23          fiscal year, the Secretary shall account for the  
24          amount of any income the eligible entity carried over  
25          from the previous fiscal year.”.

1 **SEC. 818. ENHANCED POST-AWARD DEBRIEFING RIGHTS.**

2 (a) RELEASE OF CONTRACT AWARD INFORMA-  
3 TION.—Not later than 180 days after the date of the en-  
4 actment of this Act, the Secretary of Defense shall revise  
5 the Department of Defense Supplement to the Federal Ac-  
6 quisition Regulation to require that all required post-  
7 award debriefings, while protecting the confidential and  
8 proprietary information of other offerors, include, at a  
9 minimum, the following:

10 (1) In the case of a contract award in excess of  
11 \$100,000,000, a requirement for disclosure of the  
12 agency's written source selection award determina-  
13 tion, redacted to protect the confidential and propri-  
14 etary information of other offerors for the contract  
15 award, and, in the case of a contract award in excess  
16 of \$10,000,000 and not in excess of \$100,000,000  
17 with a small business or nontraditional contractor,  
18 an option for the small business or nontraditional  
19 contractor to request such disclosure.

20 (2) A requirement for a written or oral debrief-  
21 ing for all contract awards and task or delivery or-  
22 ders valued at \$10,000,000 or higher.

23 (3) Provisions ensuring that both unsuccessful  
24 and winning offerors are entitled to the disclosure  
25 described in paragraph (1) and the debriefing de-  
26 scribed in paragraph (2).

1           (4) Robust procedures, consistent with section  
2           2305(b)(5)(D) of title 10, United States Code, and  
3           provisions implementing that section in the Federal  
4           Acquisition Regulation, to protect the confidential  
5           and proprietary information of other offerors.

6           (b) OPPORTUNITY FOR FOLLOW-UP QUESTIONS.—  
7           Section 2305(b)(5) of title 10, United States Code, is  
8           amended—

9           (1) by redesignating subparagraphs (C), (D),  
10          and (E) as subparagraphs (D), (E), and (F), respec-  
11          tively;

12          (2) in subparagraph (B)—

13                 (A) in clause (v), by striking “; and” and  
14                 inserting a semicolon;

15                 (B) in clause (vi), by striking the period at  
16                 the end and inserting “; and”; and

17                 (C) by adding at the end the following new  
18                 clause:

19                         “(vii) an opportunity for a disappointed offeror  
20                         to submit, within two business days after receiving  
21                         a post-award debriefing, additional questions related  
22                         to the debriefing.”; and

23           (3) by inserting after subparagraph (B) the fol-  
24          lowing new subparagraph:

1 “(C) The agency shall respond in writing to any addi-  
2 tional question submitted under subparagraph (B)(vii)  
3 within five business days after receipt of the question. The  
4 agency shall not consider the debriefing to be concluded  
5 until the agency delivers its written responses to the dis-  
6 appointed offeror.”.

7 (c) COMMENCEMENT OF POST-BRIEFING PERIOD.—  
8 Section 3553(d)(4) of title 31, United States Code, is  
9 amended—

10 (1) by redesignating subparagraphs (A) and  
11 (B) as clauses (i) and (ii) respectively;

12 (2) by striking “The period” and inserting “(A)  
13 The period”; and

14 (3) by adding at the end the following new sub-  
15 paragraph:

16 “(B) For procurements conducted by any component  
17 of the Department of Defense, the 5-day period described  
18 in subparagraph (A)(ii) does not commence until the day  
19 the Government delivers to a disappointed offeror the writ-  
20 ten responses to any questions submitted pursuant to sec-  
21 tion 2305(b)(5)(B)(vii) of title 10.”.

22 **SEC. 819. AMENDMENTS RELATING TO INFORMATION**  
23 **TECHNOLOGY.**

24 (a) ELIMINATION OF SUNSET RELATING TO TRANS-  
25 PARENCY AND RISK MANAGEMENT OF MAJOR INFORMA-

1 TION TECHNOLOGY INVESTMENTS.—Subsection (c) of  
2 section 11302 of title 40, United States Code, is amended  
3 by striking the first paragraph (5).

4 (b) ELIMINATION OF SUNSET RELATING TO INFOR-  
5 MATION TECHNOLOGY PORTFOLIO, PROGRAM, AND RE-  
6 SOURCE REVIEWS.—Section 11319 of title 40, United  
7 States Code, is amended—

8 (1) by redesignating the second subsection (c)  
9 as subsection (d); and

10 (2) in subsection (d), as so redesignated, by  
11 striking paragraph (6).

12 (c) EXTENSION OF SUNSET RELATING TO FEDERAL  
13 DATA CENTER CONSOLIDATION INITIATIVE.—Subsection  
14 (e) of section 834 of the National Defense Authorization  
15 Act for Fiscal Year 2015 (Public Law 113–291; 44 U.S.C.  
16 3601 note) is amended by striking “2018” and inserting  
17 “2020”.

18 **SEC. 820. CHANGE TO DEFINITION OF SUBCONTRACT IN**  
19 **CERTAIN CIRCUMSTANCES.**

20 Section 1906(c)(1) of title 41, United States Code,  
21 is amended by adding at the end the following: “The term  
22 does not include agreements entered into by a contractor  
23 for the supply of commodities that are intended for use  
24 in the performance of multiple contracts with the Federal

1 Government and other parties and are not identifiable to  
2 any particular contract.”.

3 **SEC. 821. AMENDMENT RELATING TO APPLICABILITY OF**  
4 **INFLATION ADJUSTMENTS.**

5 Section 1908(d) of title 41, United States Code, is  
6 amended by inserting before the period at the end the fol-  
7 lowing: “and shall apply, in the case of the procurement  
8 of property or services by contract, to a contract, and any  
9 subcontract at any tier under the contract, in effect on  
10 that date without regard to the date of award of the con-  
11 tract or subcontract.”.

12 **SEC. 822. USE OF LOWEST PRICE TECHNICALLY ACCEPT-**  
13 **ABLE SOURCE SELECTION PROCESS.**

14 (a) **ADDITIONAL REQUIREMENTS.**—Subsection (b) of  
15 section 813 of the National Defense Authorization Act for  
16 Fiscal Year 2017 (Public Law 114–328; 130 Stat 2270;  
17 10 U.S.C. 2305 note) is amended—

18 (1) in paragraph (5), by striking “; and” and  
19 inserting a semicolon;

20 (2) in paragraph (6), by striking the period at  
21 the end and inserting a semicolon; and

22 (3) by adding at the end the following new  
23 paragraphs:

24 “(7) the Department of Defense would realize  
25 no, or minimal, additional innovation or future tech-

1 nological advantage by using a different method-  
2 ology; and

3 “(8) with respect to a contract for procurement  
4 of goods, the goods procured are predominantly ex-  
5 pendable in nature, nontechnical, or have a short life  
6 expectancy or short shelf life.”.

7 (b) REPORTING REQUIREMENT.—

8 (1) IN GENERAL.—Subsection (d) of such sec-  
9 tion is amended by striking “contract exceeding  
10 \$10,000,000” and inserting “contract exceeding  
11 \$5,000,000”.

12 (2) APPLICABILITY.—The amendment made by  
13 this subsection shall apply with respect to the sec-  
14 ond, third, and fourth reports submitted under sub-  
15 section (d) of section 813 of the National Defense  
16 Authorization Act for Fiscal Year 2017 (Public Law  
17 114–328; 130 Stat 2271; 10 U.S.C. 2305 note).

18 **SEC. 823. EXEMPTION FROM DESIGN-BUILD SELECTION**

19 **PROCEDURES.**

20 Subsection (d) of section 2305a of title 10, United  
21 States Code, is amended by striking the second and third  
22 sentences and inserting the following: “If the contract  
23 value exceeds \$4,000,000, the maximum number specified  
24 in the solicitation shall not exceed 5 unless—



1           “(1) the solicitation is issued pursuant to a in-  
2           definite delivery-indefinite quantity contract for de-  
3           sign-build construction; or

4           “(2)(A) the head of the contracting activity,  
5           delegable to a level no lower than the senior con-  
6           tracting official within the contracting activity, ap-  
7           proves the contracting officer’s justification with re-  
8           spect to an individual solicitation that a maximum  
9           number greater than 5 is in the interest of the Fed-  
10          eral Government; and

11          “(B) the contracting officer provides written  
12          documentation of how a maximum number greater  
13          than 5 is consistent with the purposes and objectives  
14          of the two-phase selection procedures.”.

15   **SEC. 824. CONTRACT CLOSEOUT AUTHORITY.**

16          Section 836(b)(1) of the National Defense Authoriza-  
17          tion Act for Fiscal Year 2017 (Public Law 114–328; 130  
18          Stat. 2286) is amended by striking “entered into prior to  
19          fiscal year 2000” and inserting “entered into on a date  
20          that is at least 17 fiscal years before the current fiscal  
21          year”.

1 **SEC. 825. ELIMINATION OF COST UNDERRUNS AS FACTOR**  
2 **IN CALCULATION OF PENALTIES FOR COST**  
3 **OVERRUNS.**

4 (a) IN GENERAL.—Section 828 of the National De-  
5 fense Authorization Act for Fiscal Year 2016 (Public Law  
6 114–92; 10 U.S.C. 2430 note) is amended—

7 (1) in subsection (a), by striking “each fiscal  
8 year beginning with fiscal year 2015” and inserting  
9 “each of fiscal years 2018 through 2022”;

10 (2) in subsection (b)—

11 (A) in paragraph (1), by striking “or  
12 underrun”;

13 (B) in paragraph (2)—

14 (i) by striking “or underruns”; and

15 (ii) by striking “,Technology, and Lo-  
16 gistics” and inserting “and Sustainment”;

17 (C) in paragraph (3)—

18 (i) by striking “and cost underruns”;

19 and

20 (ii) by striking “or underruns”; and

21 (D) in paragraph (4), by striking “, except  
22 that the cost overrun penalty may not be a neg-  
23 ative amount”;

24 (3) by redesignating subsections (c) and (d) as  
25 subsections (d) and (e), respectively;

1           (4) by inserting after subsection (b) the fol-  
2           lowing new subsection:

3           “(c) TOTAL COST OVERRUN PENALTY.—Notwith-  
4           standing the amount of a cost overrun penalty determined  
5           in (b), the total cost overrun penalty for a military depart-  
6           ment (including any cost overrun penalty for joint pro-  
7           grams of military departments) for a fiscal year may not  
8           exceed \$50,000,000.”; and

9           (5) in subsection (d) (as so redesignated)—

10           (A) in paragraph (1)—

11           (i) in the paragraph heading, by in-  
12           serting “OR PROCUREMENT” after “EVAL-  
13           UATION”;

14           (ii) by striking “each fiscal year be-  
15           ginning with fiscal year 2015” and insert-  
16           ing “each of fiscal years 2018 through  
17           2022”;

18           (iii) by striking “each research” and  
19           inserting “the research”;

20           (iv) by striking “evaluation account”  
21           and inserting “evaluation or procurement  
22           accounts”; and

23           (v) by striking “percentage” and in-  
24           serting “amount”; and

25           (B) in paragraph (2)—

1 (i) in the paragraph heading, by strik-  
2 ing “AMOUNT” and inserting “AMOUNTS”;

3 (ii) by striking “percentage reduction”  
4 and inserting “reductions”;

5 (iii) by striking “evaluation accounts”  
6 and inserting “evaluation or procurement  
7 accounts”;

8 (iv) by striking “paragraph (1) is the  
9 percentage reduction” and inserting “para-  
10 graph (1) are the reductions”; and

11 (v) by inserting “, when combined,”  
12 after “equal”.

13 (b) **PRIOR FISCAL YEARS.**—The requirements of sec-  
14 tion 828 of the National Defense Authorization Act for  
15 Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2430  
16 note), as in effect on the day before the date of the enact-  
17 ment of this Act, shall continue to apply with respect to  
18 fiscal years beginning on or before October 1, 2016.

19 **SEC. 826. MODIFICATION TO ANNUAL MEETING REQUIRE-**  
20 **MENT OF CONFIGURATION STEERING**  
21 **BOARDS.**

22 Section 814(c)(4) of the Duncan Hunter National  
23 Defense Authorization Act for Fiscal Year 2009 (Public  
24 Law 110–417; 122 Stat. 4529; 10 U.S.C. 2430 note) is  
25 amended—

1 (1) by striking “The Secretary” and inserting  
2 “(A) ANNUAL MEETING.—Except as pro-  
3 vided in subparagraph (B), the Secretary”; and  
4 (2) by adding at the end the following new sub-  
5 paragraph:

6 “(B) EXCEPTION.—If the service acquisi-  
7 tion executive of the military department con-  
8 cerned determines, in writing, that there have  
9 been no changes to the program requirements  
10 of a major defense acquisition program during  
11 the preceding year, the Configuration Steering  
12 Board for such major defense acquisition pro-  
13 gram is not required to meet as described in  
14 subparagraph (A).”.

15 **SEC. 827. PILOT PROGRAM ON PAYMENT OF COSTS FOR DE-**  
16 **NIED GOVERNMENT ACCOUNTABILITY OF-**  
17 **FICE BID PROTESTS.**

18 (a) PILOT PROGRAM REQUIRED.—The Secretary of  
19 Defense shall carry out a pilot program to determine the  
20 effectiveness of requiring contractors to reimburse the De-  
21 partment of Defense for costs incurred in processing cov-  
22 ered protests.

23 (b) DURATION.—The pilot program shall—

24 (1) begin on the date that is two years after the  
25 date of the enactment of this Act; and

1           (2) end on the date that is five years after the  
2           date of the enactment of this Act.

3           (c) REPORT.—Not later than 90 days after the date  
4           on which the pilot program under subsection (a) ends, the  
5           Secretary shall provide a report to the Committees on  
6           Armed Services of the House of Representatives and the  
7           Senate assessing the feasibility of making permanent such  
8           pilot program.

9           (d) COVERED PROTEST DEFINED.—In this section,  
10          the term “covered protest” means a bid protest that  
11          was—

12           (1) denied in an opinion issued by the Govern-  
13          ment Accountability Office;

14           (2) filed by a party with revenues in excess of  
15          \$250,000,000 (based on fiscal year 2017 constant  
16          dollars) during the previous year; and

17           (3) filed on or after October 1, 2019 and on or  
18          before September 30, 2022.

19       **Subtitle C—Provisions Relating to**  
20       **Major Defense Acquisition Pro-**  
21       **grams**

22       **SEC. 831. REVISIONS TO DEFINITION OF MAJOR DEFENSE**  
23       **ACQUISITION PROGRAM.**

24          Section 2430(a) of title 10, United States Code, is  
25          amended—

1 (1) in paragraph (1)(B), by inserting “in the  
2 case of a program that is not a program for the ac-  
3 quisition of an automated information system (either  
4 a product or a service),” after “(B)”;

5 (2) in paragraph (2)—

6 (A) by striking “does not include an acqui-  
7 sition program” and inserting the following:  
8 “does not include—

9 “(A) an acquisition program”; and

10 (B) by striking the period at the end and  
11 inserting the following: “; or

12 “(B) an acquisition program for a defense busi-  
13 ness system (as defined in section 2222(i)(1) of this  
14 title) carried out using the acquisition guidance  
15 issued pursuant to section 883(e) of the National  
16 Defense Authorization Act for Fiscal Year 2016  
17 (Public Law 114–92; 10 U.S.C. 2223a note).”.

18 **SEC. 832. PROHIBITION ON USE OF LOWEST PRICE TECH-**  
19 **NICALLY ACCEPTABLE SOURCE SELECTION**  
20 **PROCESS FOR MAJOR DEFENSE ACQUISITION**  
21 **PROGRAMS.**

22 (a) PROHIBITION.—

23 (1) IN GENERAL.—Chapter 144 of title 10,  
24 United States Code, is amended by inserting after  
25 section 2441 the following new section:

1 **“§ 2442. Prohibition on use of lowest price technically**  
2 **acceptable source selection process**

3 “(a) IN GENERAL.—The Department of Defense  
4 shall not use a lowest price technically acceptable source  
5 selection process for the engineering and manufacturing  
6 development contract of a major defense acquisition pro-  
7 gram.

8 “(b) DEFINITIONS.—In this section:

9 “(1) LOWEST PRICE TECHNICALLY ACCEPT-  
10 ABLE SOURCE SELECTION PROCESS.—The term ‘low-  
11 est price technically acceptable source selection proc-  
12 ess’ has the meaning given that term in part 15 of  
13 the Federal Acquisition Regulation.

14 “(2) MAJOR DEFENSE ACQUISITION PRO-  
15 GRAM.—The term ‘major defense acquisition pro-  
16 gram’ has the meaning given that term in section  
17 2430 of this title.

18 “(3) ENGINEERING AND MANUFACTURING DE-  
19 VELOPMENT CONTRACT.—The term ‘engineering and  
20 manufacturing development contract’ means a prime  
21 contract for the engineering and manufacturing de-  
22 velopment of a major defense acquisition program.”.

23 (2) CLERICAL AMENDMENT.—The table of sec-  
24 tions at the beginning of such chapter is amended  
25 by inserting after the item relating to section 2441  
26 the following new item:



“2442. Prohibition on use of lowest price technically acceptable source selection process.”.

1 (b) APPLICABILITY.—The requirements of section  
2 2442 of title 10, United States Code, as added by sub-  
3 section (a), shall apply to major defense acquisition pro-  
4 grams for which budgetary authority is requested for fiscal  
5 year 2019 or a subsequent fiscal year.

6 **SEC. 833. ROLE OF THE CHIEF OF THE ARMED FORCE IN**  
7 **MATERIAL DEVELOPMENT DECISION AND AC-**  
8 **QUISITION SYSTEM MILESTONES.**

9 Section 2547(b) of title 10, United States Code, is  
10 amended—

11 (1) by striking “The Secretary” and inserting  
12 “(1) The Secretary”; and

13 (2) by adding at the end the following new  
14 paragraph:

15 “(2) Consistent with the performance of duties under  
16 subsection (a), the Chief of the armed force concerned,  
17 or in the case of a joint program the chiefs of the armed  
18 forces concerned, with respect to major defense acquisition  
19 programs, shall—

20 “(A) concur with the need for a material solu-  
21 tion as identified in the Material Development Deci-  
22 sion Review prior to entry into the Material Solution  
23 Analysis Phase under Department of Defense In-  
24 struction 5000.02;

1           “(B) concur with the cost, schedule, technical  
2           feasibility, and performance trade-offs that have  
3           been made with regard to the program before Mile-  
4           stone A approval is granted under section 2366a of  
5           this title;

6           “(C) concur that appropriate trade-offs among  
7           cost, schedule, technical feasibility, and performance  
8           objectives have been made to ensure that the pro-  
9           gram is affordable when considering the per unit  
10          cost and the total life-cycle cost before Milestone B  
11          approval is granted under section 2366b of this title;  
12          and

13          “(D) concur that the requirements in the pro-  
14          gram capability document are necessary and realistic  
15          in relation to program cost and fielding targets as  
16          required by paragraph (1) before Milestone C ap-  
17          proval is granted.”.

18 **SEC. 834. REQUIREMENT TO EMPHASIZE RELIABILITY AND**  
19                   **MAINTAINABILITY IN WEAPON SYSTEM DE-**  
20                   **SIGN.**

21          (a) SUSTAINMENT FACTORS IN WEAPON SYSTEM  
22          DESIGN.—

23                  (1) IN GENERAL.—Chapter 144 of title 10,  
24          United States Code, as amended by section 832, is

1 further amended by adding at the end the following  
2 new section:

3 **“§ 2443. Sustainment factors in weapon system design**

4 “(a) IN GENERAL.—The Secretary of Defense shall  
5 ensure that the defense acquisition system gives ample em-  
6 phasis to sustainment factors, particularly those factors  
7 that are affected principally by the design of a weapon  
8 system, in the development of a weapon system.

9 “(b) REQUIREMENTS PROCESS.—The Secretary shall  
10 ensure that reliability and maintainability are included in  
11 the performance attributes of the key performance param-  
12 eter on sustainment during the development of capabilities  
13 requirements.

14 “(c) SOLICITATION AND AWARD OF CONTRACTS.—

15 “(1) REQUIREMENT.—The program manager of  
16 a weapon system shall include in the solicitation for  
17 and terms of a covered contract for the weapon sys-  
18 tem clearly defined and measurable requirements for  
19 engineering activities and design specifications for  
20 reliability and maintainability.

21 “(2) EXCEPTION.—If the program manager de-  
22 termines that engineering activities and design speci-  
23 fications for reliability or maintainability should not  
24 be a requirement in a covered contract or a sollicita-  
25 tion for such a contract, the program manager shall

1 document in writing the justification for the deci-  
2 sion.

3 “(3) SOURCE SELECTION CRITERIA.—The Sec-  
4 retary shall ensure that sustainment factors, includ-  
5 ing reliability and maintainability, are given ample  
6 emphasis in the process for source selection. The  
7 Secretary shall encourage the use of objective reli-  
8 ability and maintainability criteria in the evaluation  
9 of competitive proposals.

10 “(d) CONTRACT PERFORMANCE.—

11 “(1) IN GENERAL.—The Secretary shall ensure  
12 that the Department of Defense uses best practices  
13 for responding to the positive or negative perform-  
14 ance of a contractor in meeting the sustainment re-  
15 quirements of a covered contract for a weapon sys-  
16 tem. The Secretary shall encourage the use of incen-  
17 tive fees and penalties as appropriate and authorized  
18 in paragraph (2) in all covered contracts for weap-  
19 ons systems.

20 “(2) AUTHORITY FOR INCENTIVE FEES AND  
21 PENALTIES.—The Secretary of Defense is author-  
22 ized to include in any covered contract provisions for  
23 the payment of incentive fees to the contractor based  
24 on achievement of design specification requirements  
25 for reliability and maintainability of weapons sys-

1       tems under the contract, or the imposition of pen-  
2       alties to be paid by the contractor to the Govern-  
3       ment for failure to achieve such design specification  
4       requirements. Information about such fees or pen-  
5       alties shall be included in the solicitation for any  
6       covered contract that includes such fees or penalties.

7           “(3) MEASUREMENT OF RELIABILITY AND  
8       MAINTAINABILITY.—In carrying out paragraph (2),  
9       the program manager shall base determinations of a  
10      contractor’s performance on reliability and maintain-  
11      ability data collected during the program. Such data  
12      collection and associated evaluation metrics shall be  
13      described in detail in the covered contract. To the  
14      maximum extent practicable, such data shall be  
15      shared with appropriate contractor and government  
16      organizations.

17           “(4) NOTIFICATION.—The Secretary of Defense  
18      shall notify the congressional defense committees  
19      upon entering into a covered contract that includes  
20      incentive fees or penalties authorized in paragraph  
21      (2).

22           “(e) COVERED CONTRACT DEFINED.—In this sec-  
23      tion, the term ‘covered contract’, with respect to a weapon  
24      system, means a contract—

1           “(1) for the engineering and manufacturing de-  
2           velopment of a weapon system, including embedded  
3           software; or

4           “(2) for the production of a weapon system, in-  
5           cluding embedded software.”.

6           (2) CLERICAL AMENDMENT.—The table of sec-  
7           tions at the beginning of subchapter I of such chap-  
8           ter, as amended by section 832, is further amended  
9           by adding at the end the following new item:

          “2443. Sustainment factors in weapon system design.”.

10          (b) EFFECTIVE DATE FOR CERTAIN PROVISIONS.—  
11          Subsections (c) and (d) of section 2443 of title 10, United  
12          States Code, as added by subsection (a), shall apply with  
13          respect to any covered contract (as defined in that section)  
14          for which the contract solicitation is issued on or after  
15          the date occurring one year after the date of the enact-  
16          ment of this Act.

17          (c) ENGINEERING CHANGE AUTHORIZED.—Subject  
18          to the availability of appropriations, the Secretary of De-  
19          fense may fund engineering changes to the design of a  
20          weapon system in the engineering and manufacturing de-  
21          velopment phase or in the production phase of an acquisi-  
22          tion program to improve reliability or maintainability of  
23          the weapon system and reduce projected operating and  
24          support costs.

1 **SEC. 835. LICENSING OF APPROPRIATE INTELLECTUAL**  
2 **PROPERTY TO SUPPORT MAJOR WEAPON**  
3 **SYSTEMS.**

4 (a) NEGOTIATION OF PRICE FOR TECHNICAL DATA  
5 BEFORE DEVELOPMENT OR PRODUCTION OF MAJOR  
6 WEAPON SYSTEM.—

7 (1) REQUIREMENT.—Chapter 144 of title 10,  
8 United States Code, is amended by inserting after  
9 section 2438 the following new section:

10 **“§ 2439. Negotiation of price for technical data before**  
11 **development or production of major**  
12 **weapon systems**

13 “The Secretary of Defense shall ensure that the De-  
14 partment of Defense, before selecting a contractor for the  
15 engineering and manufacturing development of a major  
16 weapon system, or for the production of a major weapon  
17 system, negotiates a price for technical data to be deliv-  
18 ered under a contract for such development or produc-  
19 tion.”.

20 (2) CLERICAL AMENDMENT.—The table of sec-  
21 tions at the beginning of such chapter is amended  
22 by inserting after the item relating to section 2438  
23 the following new item:

“2439. Negotiation of price for technical data before development or production  
of major weapon systems.”.

1           (3) EFFECTIVE DATE.—Section 2439 of title  
2           10, United States Code, as added by paragraph (1),  
3           shall apply with respect to any contract for engineer-  
4           ing and manufacturing development of a major  
5           weapon system, or for the production of a major  
6           weapon system, for which the contract solicitation is  
7           issued on or after the date occurring one year after  
8           the date of the enactment of this Act.

9           (b) WRITTEN DETERMINATION FOR MILESTONE B  
10          APPROVAL.—

11           (1) IN GENERAL.—Subsection (a)(3) of section  
12          2366b of title 10, United States Code, is amended—

13                   (A) by striking “and” at the end of sub-  
14                   paragraph (M); and

15                   (B) by inserting after subparagraph (N)  
16                   the following new subparagraph:

17                           “(O) appropriate actions have been taken  
18                           to negotiate and enter into a contract or con-  
19                           tract options for the technical data required to  
20                           support the program; and”.

21           (2) EFFECTIVE DATE.—Section 2366b(a)(3)(O)  
22          of title 10, United States Code, as added by para-  
23          graph (1), shall apply with respect to any major de-  
24          fense acquisition program receiving Milestone B ap-



1           proval on or after the date occurring one year after  
2           the date of the enactment of this Act.

3           (c) PREFERENCE FOR NEGOTIATION OF CUS-  
4 TOMIZED LICENSE AGREEMENTS.—Section 2320 of title  
5 10, United States Code, is amended—

6                   (1) by redesignating subsections (f) and (g) as  
7                   subsections (g) and (h), respectively; and

8                   (2) by inserting after subsection (e) the fol-  
9                   lowing new subsection (f):

10           “(f) PREFERENCE FOR SPECIALLY NEGOTIATED LI-  
11 CENSES.—The Secretary of Defense shall, to the max-  
12 imum extent practicable, negotiate and enter into a con-  
13 tract with a contractor for a specially negotiated license  
14 for technical data to support the product support strategy  
15 of a major weapon system or subsystem of a major weapon  
16 system. In performing the assessment and developing the  
17 corresponding strategy required under subsection (e) for  
18 such a system or subsystem, a program manager shall  
19 consider the use of specially negotiated licenses to acquire  
20 customized technical data appropriate for the particular  
21 elements of the product support strategy.”.

1 **SEC. 836. CODIFICATION OF REQUIREMENTS PERTAINING**  
2 **TO ASSESSMENT, MANAGEMENT, AND CON-**  
3 **TROL OF OPERATING AND SUPPORT COSTS**  
4 **FOR MAJOR WEAPON SYSTEMS.**

5 (a) CODIFICATION AND AMENDMENT.—

6 (1) IN GENERAL.—Chapter 137 of title 10,  
7 United States Code, is amended by inserting after  
8 section 2337 the following new section:

9 **“§ 2337a. Assessment, management, and control of op-**  
10 **erating and support costs for major**  
11 **weapon systems**

12 “(a) GUIDANCE REQUIRED.—The Secretary of De-  
13 fense shall issue and maintain guidance on actions to be  
14 taken to assess, manage, and control Department of De-  
15 fense costs for the operation and support of major weapon  
16 systems.

17 “(b) ELEMENTS.—The guidance required by sub-  
18 section (a) shall, at a minimum—

19 “(1) be issued in conjunction with the com-  
20 prehensive guidance on life-cycle management and  
21 the development and implementation of product sup-  
22 port strategies for major weapon systems required  
23 by section 2337 of this title;

24 “(2) require the military departments to retain  
25 each estimate of operating and support costs that is  
26 developed at any time during the life cycle of a

1 major weapon system, together with supporting doc-  
2 umentation used to develop the estimate;

3 “(3) require the military departments to update  
4 estimates of operating and support costs periodically  
5 throughout the life cycle of a major weapon system,  
6 to determine whether preliminary information and  
7 assumptions remain relevant and accurate, and iden-  
8 tify and record reasons for variances;

9 “(4) establish policies and procedures for the  
10 collection, organization, maintenance, and avail-  
11 ability of standardized data on operating and sup-  
12 port costs for major weapon systems in accordance  
13 with section 2222 of this title;

14 “(5) establish standard requirements for the  
15 collection and reporting of data on operating and  
16 support costs for major weapon systems by contrac-  
17 tors performing weapon system sustainment func-  
18 tions in an appropriate format, and develop contract  
19 clauses to ensure that contractors comply with such  
20 requirements;

21 “(6) require the military departments—

22 “(A) to collect and retain data from oper-  
23 ational and developmental testing and evalua-  
24 tion on the reliability and maintainability of  
25 major weapon systems; and

1           “(B) to use such data to inform system de-  
2           sign decisions, provide insight into sustainment  
3           costs, and inform estimates of operating and  
4           support costs for such systems;

5           “(7) require the military departments to ensure  
6           that sustainment factors are fully considered at key  
7           life-cycle management decision points and that ap-  
8           propriate measures are taken to reduce operating  
9           and support costs by influencing system design early  
10          in development, developing sound sustainment strat-  
11          egies, and addressing key drivers of costs;

12          “(8) require the military departments to con-  
13          duct an independent logistics assessment of each  
14          major weapon system prior to key acquisition deci-  
15          sion points (including milestone decisions) to identify  
16          features that are likely to drive future operating and  
17          support costs, changes to system design that could  
18          reduce such costs, and effective strategies for man-  
19          aging such costs;

20          “(9) include—

21                  “(A) reliability metrics for major weapon  
22                  systems; and

23                  “(B) requirements on the use of metrics  
24                  under subparagraph (A) as triggers—

1                   “(i) to conduct further investigation  
2                   and analysis into drivers of those metrics;  
3                   and

4                   “(ii) to develop strategies for improv-  
5                   ing reliability, availability, and maintain-  
6                   ability of such systems at an affordable  
7                   cost; and

8                   “(10) require the military departments to con-  
9                   duct periodic reviews of operating and support costs  
10                  of major weapon systems after such systems achieve  
11                  initial operational capability to identify and address  
12                  factors resulting in growth in operating and support  
13                  costs and adapt support strategies to reduce such  
14                  costs.

15                  “(c) RETENTION OF DATA ON OPERATING AND SUP-  
16                  PORT COSTS.—

17                  “(1) IN GENERAL.—The Director of Cost As-  
18                  sessment and Program Evaluation shall be respon-  
19                  sible for developing and maintaining a database on  
20                  operating and support estimates, supporting docu-  
21                  mentation, and actual operating and support costs  
22                  for major weapon systems.

23                  “(2) SUPPORT.—The Secretary of Defense shall  
24                  ensure that the Director, in carrying out such re-  
25                  sponsibility—

1           “(A) promptly receives the results of all  
2           cost estimates and cost analyses conducted by  
3           the military departments with regard to oper-  
4           ating and support costs of major weapon sys-  
5           tems;

6           “(B) has timely access to any records and  
7           data of the military departments (including  
8           classified and proprietary information) that the  
9           Director considers necessary to carry out such  
10          responsibility; and

11          “(C) with the concurrence of the Under  
12          Secretary of Defense for Acquisition and  
13          Sustainment, may direct the military depart-  
14          ments to collect and retain information nec-  
15          essary to support the database.

16          “(d) MAJOR WEAPON SYSTEM DEFINED.—In this  
17          section, the term ‘major weapon system’ has the meaning  
18          given that term in section 2379(f) of title 10, United  
19          States Code.”.

20          (2) CLERICAL AMENDMENT.—The table of sec-  
21          tions at the beginning of chapter 137 of such title  
22          is amended by adding after the item relating to sec-  
23          tion 2337 the following new item:

          “2337a. Assessment, management, and control of operating and support costs  
          for major weapon systems.”.

24          (b) REPEAL OF SUPERSEDED SECTION.—

1           (1) REPEAL.—Section 832 of the National De-  
2       fense Authorization Act for Fiscal Year 2012 (Pub-  
3       lic Law 112–81; 10 U.S.C. 2430 note) is repealed.

4           (2) CONFORMING AMENDMENT.—Section  
5       2441(e) of title 10, United States Code, is amended  
6       by striking “section 2337 of this title” and all that  
7       follows through the period and inserting “sections  
8       2337 and 2337a of this title.”.

9       **SEC. 837. SHOULD-COST MANAGEMENT.**

10       (a) REQUIREMENT FOR REGULATIONS.—Not later  
11       than 180 days after the date of the enactment of this Act,  
12       the Secretary of Defense shall amend the Defense Supple-  
13       ment to the Federal Acquisition Regulation to provide for  
14       the appropriate use of the should-cost review process of  
15       a major weapon system in a manner that is transparent,  
16       objective, and provides for the efficiency of the systems  
17       acquisition process in the Department of the Defense.

18       (b) REQUIRED ELEMENTS.—The regulations re-  
19       quired under subsection (a) shall incorporate, at a min-  
20       imum, the following elements:

21           (1) A description of the features of the should-  
22       cost review process.

23           (2) Establishment of a process for commu-  
24       nicating with the prime contractor on the program  
25       the elements of a proposed should-cost review.

1           (3) A method for ensuring that identified  
2           should-cost savings opportunities are based on accu-  
3           rate, complete, and current information and can be  
4           quantified and tracked.

5           (4) A description of the training, skills, and ex-  
6           perience that Department of Defense and contractor  
7           officials carrying out a should-cost review in sub-  
8           section (a) should possess.

9           (5) A method for ensuring appropriate collabo-  
10          ration with the contractor throughout the review  
11          process.

12          (6) Establishment of review process require-  
13          ments that provide for sufficient analysis and mini-  
14          mize any impact on program schedule.

15 **SEC. 838. IMPROVEMENTS TO TEST AND EVALUATION**

16 **PROCESSES AND TOOLS.**

17          (a) DEVELOPMENTAL TEST PLAN SUFFICIENCY AS-  
18          SESSMENTS.—

19               (1) ADDITION TO MILESTONE B BRIEF SUM-  
20               MARY REPORT.—Section 2366b(c)(1) of title 10,  
21               United States Code, is amended—

22                       (A) by redesignating subparagraph (G) as  
23                       subparagraph (H); and

24                       (B) by inserting after subparagraph (F)  
25                       the following new subparagraph (G):



1           “(G) An assessment of the sufficiency of  
2           developmental test and evaluation plans, includ-  
3           ing the use of automated data analytics or mod-  
4           eling and simulation tools and methodologies.”.

5           (2) ADDITION TO MILESTONE C BRIEF SUM-  
6           MARY REPORT.—Section 2366c(a) of such title is  
7           amended by inserting after paragraph (3) the fol-  
8           lowing new paragraph:

9           “(4) An assessment of the sufficiency of the de-  
10          velopmental test and evaluation completed, including  
11          the use of automated data analytics or modeling and  
12          simulation tools and methodologies.”.

13          (3) RESPONSIBILITY FOR CONDUCTING ASSESS-  
14          MENTS.—For purposes of the sufficiency assess-  
15          ments required by section 2366b(c)(1) and section  
16          2366c(a)(4) of such title, as added by paragraphs  
17          (1) and (2), with respect to a major defense acquisi-  
18          tion program—

19                 (A) if the milestone decision authority for  
20                 the program is the service acquisition executive  
21                 of the military department that is managing the  
22                 program, the sufficiency assessment shall be  
23                 conducted by the senior official within the mili-  
24                 tary department with responsibility for develop-  
25                 mental testing; and

1 (B) if the milestone decision authority for  
2 the program is the Under Secretary of Defense  
3 for Acquisition and Sustainment, the sufficiency  
4 assessment shall be conducted by the senior De-  
5 partment of Defense official with responsibility  
6 for developmental testing.

7 (4) GUIDANCE REQUIRED.—Within one year  
8 after the date of the enactment of this Act, the sen-  
9 ior Department of Defense official with responsi-  
10 bility for developmental testing shall develop guid-  
11 ance for the sufficiency assessments required by sec-  
12 tion 2366b(c)(1) and section 2366c(a)(4) of title 10,  
13 United States Code, as added by paragraphs (1) and  
14 (2). At a minimum, the guidance shall require—

15 (A) for the sufficiency assessment required  
16 by section 2366b(c)(1) of such title, that the as-  
17 sessment address the sufficiency of—

18 (i) the developmental test and evalua-  
19 tion plan;

20 (ii) the developmental test and evalua-  
21 tion schedule, including a comparison to  
22 historic analogous systems;

23 (iii) the developmental test and eval-  
24 uation resources (facilities, personnel, test

1 assets, data analytics tools, and modeling  
2 and simulation capabilities);

3 (iv) the risks of developmental test  
4 and production concurrency; and

5 (v) the developmental test criteria for  
6 entering the production phase; and

7 (B) for the sufficiency assessment required  
8 by section 2366c(a)(4) of such title, that the as-  
9 sessment address—

10 (i) the sufficiency of the develop-  
11 mental test and evaluation completed;

12 (ii) the sufficiency of the plans and  
13 resources available for remaining develop-  
14 mental test and evaluation;

15 (iii) the risks identified during devel-  
16 opmental testing to the production and de-  
17 ployment phase;

18 (iv) the sufficiency of the plans and  
19 resources for remaining developmental test  
20 and evaluation; and

21 (v) the readiness of the system to per-  
22 form scheduled initial operational test and  
23 evaluation.

24 (b) EVALUATION OF DEPARTMENT OF DEFENSE  
25 NEED FOR CENTRALIZED TOOLS FOR DEVELOPMENTAL

1 TEST AND EVALUATION.—The Secretary of Defense shall  
2 evaluate the strategy of the Department of Defense for  
3 developing and expanding the use of tools designed to fa-  
4 cilitate the cost effectiveness and efficiency of develop-  
5 mental testing, including automated test methods and  
6 tools, modeling and simulation tools, and data analytics  
7 technologies. The evaluation shall include a determination  
8 of the appropriate role of the senior Department of De-  
9 fense official with responsibility for developmental testing  
10 in developing enterprise level strategies related to such  
11 types of testing tools.

12 **SEC. 839. ENHANCEMENTS TO TRANSPARENCY IN TEST**  
13 **AND EVALUATION PROCESSES AND DATA.**

14 (a) **ADDITIONAL TEST AND EVALUATION DUTIES OF**  
15 **MILITARY SECRETARIES AND DEFENSE AGENCY**  
16 **HEADS.—**

17 (1) **REPORT ON COMPARISON OF OPERATIONAL**  
18 **TEST AND EVALUATION RESULTS TO LEGACY ITEMS**  
19 **OR COMPONENTS.—**Concurrent with the submission  
20 of a report required under section 2399(b)(2) of title  
21 10, United States Code, the Secretary of a military  
22 department or the head of a Defense Agency may  
23 provide to the congressional defense committees and  
24 the Secretary of Defense a report describing of the  
25 performance of the items or components evaluated

1 as part of the operational test and evaluation for  
2 each major defense acquisition program conducted  
3 under such section by the Director of Operational  
4 Test and Evaluation in relation to comparable legacy  
5 items or components, if such items or components  
6 exist and relevant data are available without requir-  
7 ing additional testing.

8 (2) ADDITIONAL REPORT ON OPERATIONAL  
9 TEST AND EVALUATION ACTIVITIES.—Within 45  
10 days after the submission of an annual report re-  
11 quired by section 139(h) of title 10, United States  
12 Code, the Secretaries of the military departments  
13 may each submit to the congressional defense com-  
14 mittees a report addressing any concerns related to  
15 information included in the annual report, or pro-  
16 viding updated or additional information, as appro-  
17 priate.

18 (b) REQUIREMENTS FOR COLLECTION OF COST  
19 DATA ON TEST AND EVALUATION.—

20 (1) IN GENERAL.—Not later than one year  
21 after the date of the enactment of this Act and sub-  
22 ject to paragraph (2), the Director of Operational  
23 Test and Evaluation, the senior official of the De-  
24 partment of Defense with responsibility for develop-  
25 mental testing, and the Director of the Test Re-

1 source Management Center shall jointly develop poli-  
2 cies, procedures, guidance, and a method to collect  
3 data that ensures that consistent and high quality  
4 data are collected on the full range of estimated and  
5 actual developmental, live fire, and operational test-  
6 ing costs for major defense acquisition programs.

7 (2) CONCURRENCE AND COORDINATION RE-  
8 QUIRED.—Before implementing the policies, proce-  
9 dures, guidance, and method developed under para-  
10 graph (1), the Director of Operational Test and  
11 Evaluation, the senior official of the Department of  
12 Defense with responsibility for developmental test-  
13 ing, and the Director of the Test Resource Manage-  
14 ment Center shall—

15 (A) obtain the concurrence of the Director  
16 for Cost Assessment and Program Evaluation;  
17 and

18 (B) coordinate with the Secretaries of the  
19 military departments.

20 (3) DATA REQUIREMENTS.—

21 (A) ELECTRONIC DATABASE.—Data on es-  
22 timated and actual developmental, live fire, and  
23 operational testing costs shall be maintained in  
24 an electronic database maintained by the Direc-  
25 tor for Cost Assessment and Program Evalua-

1           tion or another appropriate official of the De-  
2           partment of Defense, and shall be made avail-  
3           able for analysis by testing, acquisition, and  
4           other appropriate officials of the Department of  
5           Defense, as determined by the Director of  
6           Operational Test and Evaluation, the senior of-  
7           ficial of the Department of Defense with re-  
8           sponsibility for developmental testing, or the  
9           Director of the Test Resource Management  
10          Center.

11           (B) DIAGGREGATION BY COSTS.—To the  
12          maximum extent practicable, data collected  
13          under this subsection shall be set forth sepa-  
14          rately by costs for developmental testing, oper-  
15          ational testing, and training.

16          (c) MAJOR DEFENSE ACQUISITION PROGRAM DE-  
17          FINED.—In this section, the term “major defense acquisi-  
18          tion program” has the meaning provided in section 2430  
19          of title 10, United States Code.

## 20       **Subtitle D—Provisions Relating to** 21       **Acquisition Workforce**

### 22       **SEC. 841. ENHANCEMENTS TO THE CIVILIAN PROGRAM** 23       **MANAGEMENT WORKFORCE.**

24          (a) ESTABLISHMENT OF PROGRAM MANAGER DE-  
25          VELOPMENT PROGRAM.—

1           (1) IN GENERAL.—The Secretary of Defense, in  
2           consultation with the Secretaries of the military de-  
3           partments, shall implement a program manager de-  
4           velopment program to provide for the professional  
5           development of high-potential, experienced civilian  
6           personnel. Personnel shall be competitively selected  
7           for the program based on their potential to become  
8           a program manager of a major defense acquisition  
9           program, as defined in section 2430 of title 10,  
10          United States Code. The program shall be adminis-  
11          tered and overseen by the Secretary of each military  
12          department, acting through the service acquisition  
13          executive for the department concerned.

14          (2) PLAN REQUIRED.—Not later than one year  
15          after the date of the enactment of this Act, the Sec-  
16          retary of Defense shall provide to the Committees on  
17          Armed Services of the Senate and the House of Rep-  
18          resentatives a comprehensive plan to implement the  
19          program established under paragraph (1). In devel-  
20          oping the plan, the Secretary of Defense shall seek  
21          the input of relevant external parties, including pro-  
22          fessional associations, other government entities, and  
23          industry. The plan shall include the following ele-  
24          ments:



1 (A) An assessment of the minimum level of  
2 subject matter experience, education, years of  
3 experience, certifications, and other qualifica-  
4 tions required to be selected into the program,  
5 set forth separately for current Department of  
6 Defense employees and for personnel hired into  
7 the program from outside the Department of  
8 Defense.

9 (B) A description of hiring flexibilities to  
10 be used to recruit qualified personnel from out-  
11 side the Department of Defense.

12 (C) A description of the extent to which  
13 mobility agreements will be required to be  
14 signed by personnel selected for the program  
15 during their participation in the program and  
16 after their completion of the program. The use  
17 of mobility agreements shall be applied to help  
18 maximize the flexibility of the Department of  
19 Defense in assigning personnel, while not inhib-  
20 iting the participation of the most capable can-  
21 didates.

22 (D) A description of the tenure obligation  
23 required of personnel selected for the program.

24 (E) A plan for training during the course  
25 of the program, including training in leader-

1 ship, program management, engineering, fi-  
2 nance and budgeting, market research, business  
3 acumen, contracting, supplier management, re-  
4 quirement setting and tradeoffs, intellectual  
5 property matters, and software.

6 (F) A description of career paths to be fol-  
7 lowed by personnel in the program in order to  
8 ensure that personnel in the program gain ex-  
9 pertise in the program management functional  
10 career field competencies identified by the De-  
11 partment in existing guidance and the topics  
12 listed in subparagraph (E), including—

13 (i) a determination of the types of ad-  
14 vanced educational degrees that enhance  
15 program management skills and the mech-  
16 anisms available to the Department of De-  
17 fense to facilitate the attainment of those  
18 degrees by personnel in the program;

19 (ii) a determination of required as-  
20 signments to positions within acquisition  
21 programs, including position type and ac-  
22 quisition category of the program office;

23 (iii) a determination of required or en-  
24 couraged rotations to career broadening

1 positions outside of acquisition programs;  
2 and

3 (iv) a determination of how the pro-  
4 gram will ensure the opportunity for a re-  
5 quired rotation to industry of at least six  
6 months to develop an understanding of in-  
7 dustry motivation and business acumen,  
8 such as by developing an industry ex-  
9 change program for civilian program man-  
10 agers, similar to the Corporate Fellows  
11 Program of the Secretary of Defense.

12 (G) A general description of the number of  
13 personnel anticipated to be selected into the  
14 program, how frequently selections will occur,  
15 how long personnel selected into the program  
16 will participate in the program, and how per-  
17 sonnel will be placed into an assignment at the  
18 completion of the program.

19 (H) A description of benefits that will be  
20 offered under the program using existing  
21 human capital flexibilities to retain qualified  
22 employees, such as student loan repayments,  
23 bonuses, or pay banding.

24 (I) An assessment of personnel flexibilities  
25 needed to allow the military departments and

1 the Defense Agencies to reassign or remove pro-  
2 gram managers that do not perform effectively.

3 (J) A description of how the program will  
4 be administered and overseen by the Secretaries  
5 of each military department, acting through the  
6 service acquisition executive for the department  
7 concerned.

8 (K) A description of how the program will  
9 be integrated with existing program manager  
10 development efforts at each military depart-  
11 ment.

12 (3) USE OF DEFENSE ACQUISITION WORKFORCE  
13 DEVELOPMENT FUND.—Amounts in the Department  
14 of Defense Acquisition Workforce Development  
15 Fund (established under section 1705 of title 10,  
16 United States Code) may be used to pay the base  
17 salary of personnel in the program established under  
18 paragraph (1) during the period of time such per-  
19 sonnel are temporarily assigned to a developmental  
20 rotation or training program anticipated to last at  
21 least six months.

22 (4) IMPLEMENTATION.—The program estab-  
23 lished under paragraph (1) shall be implemented not  
24 later than September 30, 2019.

1 (b) INDEPENDENT STUDY OF INCENTIVES FOR PRO-  
2 GRAM MANAGERS.—

3 (1) REQUIREMENT FOR STUDY.—Not later than  
4 30 days after the date of the enactment of this Act,  
5 the Secretary of Defense shall enter into a contract  
6 with an independent research entity described in  
7 paragraph (2) to carry out a comprehensive study of  
8 incentives for Department of Defense civilian and  
9 military program managers for major defense acqui-  
10 sition programs, including—

11 (A) additional pay options for program  
12 managers to provide incentives to senior civilian  
13 employees and military officers to accept and  
14 remain in program manager roles;

15 (B) a financial incentive structure to re-  
16 ward program managers for delivering capabili-  
17 ties on budget and on time; and

18 (C) a comparison between financial and  
19 non-financial incentive structures for program  
20 managers in the Department of Defense and an  
21 appropriate comparison group of private indus-  
22 try companies.

23 (2) INDEPENDENT RESEARCH ENTITY.—The  
24 entity described in this subsection is an independent  
25 research entity that is a not-for-profit entity or a

1       federally funded research and development center  
2       with appropriate expertise and analytical capability.

3           (3) REPORTS.—

4           (A) TO SECRETARY.—Not later than nine  
5       months after the date of the enactment of this  
6       Act, the independent research entity shall pro-  
7       vide to the Secretary a report containing—

8           (i) the results of the study required by  
9       paragraph (1); and

10          (ii) such recommendations to improve  
11       the financial incentive structure of pro-  
12       gram managers for major defense acquisi-  
13       tion programs as the independent research  
14       entity considers to be appropriate.

15          (B) TO CONGRESS.—Not later than 30  
16       days after receipt of the report under subpara-  
17       graph (A), the Secretary of Defense shall sub-  
18       mit such report, together with any additional  
19       views or recommendations of the Secretary, to  
20       the congressional defense committees.

21   **SEC. 842. CREDITS TO DEPARTMENT OF DEFENSE ACQUISI-**  
22                           **TION WORKFORCE DEVELOPMENT FUND.**

23       Section 1705(d)(2)(D) of title 10, United States  
24       Code, is amended to read as follows:

1           “(D) The Secretary of Defense may adjust the  
2           amount specified in subparagraph (C) for a fiscal  
3           year if the Secretary determines that the amount is  
4           greater or less than reasonably needed for purposes  
5           of the Fund for such fiscal year. The Secretary may  
6           not adjust the amount for a fiscal year to an amount  
7           that is more than \$600,000,000 or less than  
8           \$400,000,000.”.

9   **SEC. 843. IMPROVEMENTS TO THE HIRING AND TRAINING**  
10                           **OF THE ACQUISITION WORKFORCE.**

11           (a) USE OF FUNDS FROM THE DEFENSE ACQUI-  
12           TION WORKFORCE DEVELOPMENT FUND TO PAY SALA-  
13           RIES OF PERSONNEL TO MANAGE THE FUND.—

14                   (1) IN GENERAL.—Subsection 1705(e) of title  
15           10, United States Code, is amended—

16                           (A) in paragraph (1)—

17                                   (i) by inserting “(A)” before “Subject  
18                                   to the provisions of this subsection”; and

19                                   (ii) by adding at the end the following  
20                                   new subparagraph:

21                                   “(B) Amounts in the Fund also may be used to  
22                                   pay salaries of personnel at the Office of the Sec-  
23                                   retary of Defense, military departments, and De-  
24                                   fense Agencies to manage the Fund.”; and

25                           (B) in paragraph (3)—

1 (i) by striking “and” at the end of  
2 subparagraph (C);

3 (ii) by striking the period and insert-  
4 ing “; and” at the end of subparagraph  
5 (D); and

6 (iii) by adding at the end the fol-  
7 lowing new subparagraph:

8 “(E) describing the amount from the Fund  
9 that may be used to pay salaries of personnel  
10 at the Office of the Secretary of Defense, mili-  
11 tary departments, and Defense Agencies to  
12 manage the Fund and the circumstances under  
13 which such amounts may be used for such pur-  
14 pose.”.

15 (2) GUIDANCE.—Not later than 180 days after  
16 the date of the enactment of this Act, the Secretary  
17 of Defense shall issue, and submit to the congres-  
18 sional defense committees, the policy guidance re-  
19 quired by subparagraph (E) of section 1705(e)(3) of  
20 title 10, United States Code, as added by paragraph  
21 (1).

22 (b) COMPTROLLER GENERAL REVIEW OF EFFEC-  
23 TIVENESS OF HIRING AND RETENTION FLEXIBILITIES  
24 FOR ACQUISITION WORKFORCE PERSONNEL.—



1           (1) IN GENERAL.—Not later than June 30,  
2           2019, the Comptroller General of the United States  
3           shall submit to the congressional defense committees  
4           a report on the effectiveness of hiring and retention  
5           flexibilities for the acquisition workforce.

6           (2) ELEMENTS.—The report under this sub-  
7           section shall include the following:

8                   (A) A determination of the extent to which  
9                   the Department of Defense experiences chal-  
10                  lenges with recruitment and retention of the ac-  
11                  quisition workforce, such as post-employment  
12                  restrictions.

13                  (B) A description of the hiring and reten-  
14                  tion flexibilities available to the Department to  
15                  fill civilian acquisition positions and the extent  
16                  to which the Department has used the flexibili-  
17                  ties available to it to target critical or under-  
18                  staffed career fields.

19                  (C) A determination of the extent to which  
20                  the Department has the necessary data and  
21                  metrics on its use of hiring and retention flexi-  
22                  bilities for the civilian acquisition workforce to  
23                  strategically manage the use of such flexibili-  
24                  ties.

1 (D) An identification of the factors that  
2 affect the use of hiring and retention flexibili-  
3 ties for the civilian acquisition workforce.

4 (E) Recommendations for any necessary  
5 changes to the hiring and retention flexibilities  
6 available to the Department to fill civilian ac-  
7 quisition positions.

8 (F) A description of the flexibilities avail-  
9 able to the Department to remove underper-  
10 forming members of the acquisition workforce  
11 and the extent to which any such flexibilities  
12 are used.

13 (c) ASSESSMENT AND REPORT REQUIRED ON BUSI-  
14 NESS-RELATED TRAINING FOR THE ACQUISITION WORK-  
15 FORCE.—

16 (1) ASSESSMENT.—The Under Secretary of De-  
17 fense for Acquisition and Sustainment shall conduct  
18 an assessment of the following:

19 (A) The effectiveness of industry certifi-  
20 cations, other industry training programs, in-  
21 cluding fellowships, and training and education  
22 programs at educational institutions outside of  
23 the Defense Acquisition University available to  
24 defense acquisition workforce personnel.

1           (B) Gaps in knowledge of industry oper-  
2           ations, industry motivation, and business acu-  
3           men in the acquisition workforce.

4           (2) REPORT.—Not later than December 31,  
5           2018, the Under Secretary shall submit to the Com-  
6           mittees on Armed Services of the Senate and the  
7           House of Representatives a report containing the re-  
8           sults of the assessment conducted under this sub-  
9           section.

10          (3) ELEMENTS.—The assessment and report  
11          under paragraphs (1) and (2) shall address the fol-  
12          lowing:

13               (A) Current sources of training and career  
14               development opportunities, industry rotations,  
15               and other career development opportunities re-  
16               lated to knowledge of industry operations, in-  
17               dustry motivation, and business acumen for  
18               each acquisition position, as designated under  
19               section 1721 of title 10, United States Code.

20               (B) Gaps in training, industry rotations,  
21               and other career development opportunities re-  
22               lated to knowledge of industry operations, in-  
23               dustry motivation, and business acumen for  
24               each such acquisition position.

1 (C) Plans to address those gaps for each  
2 such acquisition position.

3 (D) Consideration of the role industry-  
4 taught classes and classes taught at educational  
5 institutions outside of the Defense Acquisition  
6 University could play in addressing gaps.

7 (d) COMPTROLLER GENERAL REVIEW OF ACQUI-  
8 TION TRAINING FOR NON-ACQUISITION WORKFORCE PER-  
9 SONNEL.—

10 (1) IN GENERAL.—Not later than June 30,  
11 2019, the Comptroller General of the United States  
12 shall submit to the congressional defense committees  
13 a report on acquisition-related training for personnel  
14 working on acquisitions but not considered to be  
15 part of the acquisition workforce (as defined in sec-  
16 tion 101(18) of title 10, United States Code) (here-  
17 after in this subsection referred to as “non-acquisi-  
18 tion workforce personnel”).

19 (2) ELEMENTS.—The report shall address the  
20 following:

21 (A) The extent to which non-acquisition  
22 workforce personnel play a significant role in  
23 defining requirements, conducting market re-  
24 search, participating in source selection and

1 contract negotiation efforts, and overseeing con-  
2 tract performance.

3 (B) The extent to which the Department is  
4 able to identify and track non-acquisition work-  
5 force personnel performing the roles identified  
6 in subparagraph (A).

7 (C) The extent to which non-acquisition  
8 workforce personnel are taking acquisition  
9 training.

10 (D) The extent to which the Defense Ac-  
11 quisition Workforce Development Fund has  
12 been used to provide acquisition training to  
13 non-acquisition workforce personnel.

14 (E) A description of sources of funding  
15 other than the Fund that are available to and  
16 used by the Department to provide non-acquisi-  
17 tion workforce personnel with acquisition train-  
18 ing.

19 (F) The extent to which additional acquisi-  
20 tion training is needed for non-acquisition  
21 workforce personnel, including the types of  
22 training needed, the positions that need the  
23 training, and any challenges to delivering nec-  
24 essary additional training.

1 **SEC. 844. EXTENSION AND MODIFICATIONS TO ACQUI-**  
2 **SITION DEMONSTRATION PROJECT.**

3 (a) EXTENSION.—Section 1762(g) of title 10, United  
4 States Code, is amended by striking “December 31, 2020”  
5 and inserting “December 31, 2023”.

6 (b) INCREASE IN LIMIT ON NUMBER OF PARTICI-  
7 PANTS.—Section 1762(c) of title 10, United States Code,  
8 is amended by striking “the demonstration project under  
9 this section may not exceed 120,000” and inserting “at  
10 any one time the demonstration project under this section  
11 may not exceed 130,000”.

12 (c) IMPLEMENTATION STRATEGY FOR IMPROVE-  
13 MENTS IN ACQUISITION DEMONSTRATION PROJECT.—

14 (1) STRATEGY REQUIRED.—The Secretary of  
15 Defense shall develop an implementation strategy to  
16 address areas for improvement in the demonstration  
17 project required by section 1762 of title 10, United  
18 States Code, as identified in the second assessment  
19 of such demonstration project required by section  
20 1762(e) of such title.

21 (2) ELEMENTS.—The strategy shall include the  
22 following elements:

23 (A) Actions that have been or will be taken  
24 to assess whether the flexibility to set starting  
25 salaries at different levels is being used appro-  
26 priately by supervisors and managers to com-

1           pete effectively for highly skilled and motivated  
2           employees.

3           (B) Actions that have been or will be taken  
4           to assess reasons for any disparities in career  
5           outcomes across race and gender for employees  
6           in the demonstration project.

7           (C) Actions that have been or will be taken  
8           to strengthen the link between employee con-  
9           tribution and compensation for employees in the  
10          demonstration project.

11          (D) Actions that have been or will be taken  
12          to enhance the transparency of the pay system  
13          for employees in the demonstration project.

14          (E) A time frame and individual respon-  
15          sible for each action identified under subpara-  
16          graphs (A) through (D).

17          (3) BRIEFING REQUIRED.—Not later than one  
18          year after the date of the enactment of this Act, the  
19          Secretary of Defense shall provide a briefing to the  
20          Committees on Armed Services of the Senate and  
21          House of Representatives and the Committee on  
22          Oversight and Government Reform of the House of  
23          Representatives on the implementation strategy re-  
24          quired by paragraph (1).

1     **Subtitle E—Provisions Relating to**  
2                     **Commercial Items**

3     **SEC. 846. PROCUREMENT THROUGH COMMERCIAL E-COM-**  
4                     **MERCE PORTALS.**

5             (a) ESTABLISHMENT OF PROGRAM.—The Adminis-  
6     trator shall establish a program to procure commercial  
7     products through commercial e-commerce portals for pur-  
8     poses of enhancing competition, expediting procurement,  
9     enabling market research, and ensuring reasonable pricing  
10    of commercial products. The Administrator shall carry out  
11    the program in accordance with this section, through mul-  
12    tiple contracts with multiple commercial e-commerce por-  
13    tal providers, and shall design the program to be imple-  
14    mented in phases with the objective of enabling Govern-  
15    ment-wide use of such portals.

16            (b) USE OF PROGRAM.—The head of a department  
17    or agency may procure, as appropriate, commercial prod-  
18    ucts for the department or agency using the program es-  
19    tablished pursuant to subsection (a).

20            (c) IMPLEMENTATION AND REPORTING REQUIRE-  
21    MENTS.—The Director of the Office of Management and  
22    Budget, in consultation with the Administrator and the  
23    heads of other relevant departments and agencies, shall  
24    carry out the implementation phases set forth in, and sub-



1 mit to the appropriate congressional committees the items  
2 of information required by, the following paragraphs:

3           (1) PHASE I: IMPLEMENTATION PLAN.—Not  
4 later than 90 days after the date of the enactment  
5 of this Act, an implementation plan and schedule for  
6 carrying out the program established pursuant to  
7 subsection (a), including a discussion and rec-  
8 ommendations regarding whether any changes to, or  
9 exemptions from, laws that set forth policies, proce-  
10 dures, requirements, or restrictions for the procure-  
11 ment of property or services by the Federal Govern-  
12 ment are necessary for effective implementation of  
13 this section.

14           (2) PHASE II: MARKET ANALYSIS AND CON-  
15 SULTATION.—Not later than one year after the date  
16 of the submission of the implementation plan and  
17 schedule required under paragraph (1), rec-  
18 ommendations for any changes to, or exemptions  
19 from, laws necessary for effective implementation of  
20 this section, and information on the results of the  
21 following actions:

22           (A) Market analysis and initial commu-  
23 nications with potential commercial e-commerce  
24 portal providers on technical considerations of  
25 how the portals function (including the use of

1 standard terms and conditions of the portals by  
2 the Government), the degree of customization  
3 that can occur without creating a Government-  
4 unique portal, the measures necessary to ad-  
5 dress the considerations for supplier and prod-  
6 uct screening specified in subsection (e), secu-  
7 rity of data, considerations pertaining to non-  
8 traditional Government contractors, and poten-  
9 tial fees, if any, to be charged by the Adminis-  
10 trator, the portal provider, or the suppliers for  
11 participation in the program established pursu-  
12 ant to subsection (a).

13 (B) Consultation with affected depart-  
14 ments and agencies about their unique procure-  
15 ment needs, such as supply chain risks for  
16 health care products, information technology,  
17 software, or any other category determined nec-  
18 essary by the Administrator.

19 (C) An assessment of the products or  
20 product categories that are suitable for pur-  
21 chase on the commercial e-commerce portals.

22 (D) An assessment of the precautions nec-  
23 essary to safeguard any information pertaining  
24 to the Federal Government, especially pre-

1 cautions necessary to protect against national  
2 security or cybersecurity threats.

3 (E) A review of standard terms and condi-  
4 tions of commercial e-commerce portals in the  
5 context of Government requirements.

6 (F) An assessment of the impact on exist-  
7 ing programs, including schedules, set-asides  
8 for small business concerns, and other pref-  
9 erence programs.

10 (3) PHASE III: PROGRAM IMPLEMENTATION  
11 GUIDANCE.—Not later than two years after the date  
12 of the submission of the implementation plan and  
13 schedule required under paragraph (1), guidance to  
14 implement and govern the use of the program estab-  
15 lished pursuant to subsection (a), including protocols  
16 for oversight of procurement through the program,  
17 and compliance with laws pertaining to supplier and  
18 product screening requirements, data security, and  
19 data analytics.

20 (4) ADDITIONAL IMPLEMENTATION PHASES.—A  
21 description of additional implementation phases, as  
22 determined by the Administrator, that includes a se-  
23 lection of agencies to participate in any such addi-  
24 tional implementation phase (which may include the

1 award of contracts to multiple commercial e-com-  
2 merce portal providers).

3 (d) CONSIDERATIONS FOR COMMERCIAL E-COM-  
4 MERCE PORTALS.—The Administrator shall consider com-  
5 mercial e-commerce portals for use under the program es-  
6 tablished pursuant to subsection (a) that are widely used  
7 in the private sector and have or can be configured to have  
8 features that facilitate the execution of program objec-  
9 tives, including features related to supplier and product  
10 selection that are frequently updated, an assortment of  
11 product and supplier reviews, invoicing payment, and cus-  
12 tomer service.

13 (e) INFORMATION ON SUPPLIERS, PRODUCTS, AND  
14 PURCHASES.—

15 (1) SUPPLIER PARTICIPATION AND PRODUCT  
16 SCREENING.—The Administrator shall provide or en-  
17 sure electronic availability to a commercial e-com-  
18 merce portal provider awarded a contract pursuant  
19 to subsection (a) on a periodic basis information  
20 necessary to ensure compliance with laws pertaining  
21 to supplier and product screening as identified dur-  
22 ing implementation phase III, as described in sub-  
23 section (c)(3).

24 (2) PROVISION OF ORDER INFORMATION.—The  
25 Administrator shall require each commercial e-com-

1 merce portal provider awarded a contract pursuant  
2 to subsection (a) to provide order information as de-  
3 termined by the Administrator during implementa-  
4 tion phase II, as described in subsection (c)(2).

5 (f) RELATIONSHIP TO OTHER PROVISIONS OF  
6 LAW.—

7 (1) All laws, including laws that set forth poli-  
8 cies, procedures, requirements, or restrictions for the  
9 procurement of property or services by the Federal  
10 Government, apply to the program established pur-  
11 suant to subsection (a) unless otherwise provided in  
12 this section.

13 (2) A procurement of a product made through  
14 a commercial e-commerce portal under the program  
15 established pursuant to subsection (a) is deemed to  
16 be an award of a prime contract for purposes of the  
17 goals established under section 15(g) of the Small  
18 Business Act (15 U.S.C. 644(g)), if the purchase is  
19 from a supplier that is a small business concern.

20 (3) Nothing in this section shall be construed as  
21 limiting the authority of a department or agency to  
22 restrict competition to small business concerns.

23 (4) Nothing in this section shall be construed as  
24 limiting the applicability of section 1341 of title 31,

1 United States Code (popularly referred to as the  
2 Anti-Deficiency Act).

3 (g) USE OF COMMERCIAL PRACTICES AND STAND-  
4 ARD TERMS AND CONDITIONS.—A procurement of a prod-  
5 uct through a commercial e-commerce portal used under  
6 the program established pursuant to subsection (a) shall  
7 be made, to the maximum extent practicable, under the  
8 standard terms and conditions of the portal relating to  
9 purchasing on the portal.

10 (h) DISCLOSURE, PROTECTION, AND USE OF INFOR-  
11 MATION.—In any contract awarded to a commercial e-  
12 commerce portal provider pursuant to subsection (a), the  
13 Administrator shall require that the provider—

14 (1) agree not to sell or otherwise make available  
15 to any third party any information pertaining to a  
16 product ordered by the Federal Government through  
17 the commercial e-commerce portal in a manner that  
18 identifies the Federal Government, or any of its de-  
19 partments or agencies, as the purchaser, except if  
20 the information is needed to process or deliver an  
21 order or the Administrator provides written consent;

22 (2) agree to take the necessary precautions to  
23 safeguard any information pertaining to the Federal  
24 Government, especially precautions necessary to pro-

1 tect against national security or cybersecurity  
2 threats; and

3 (3) agree not to use, for pricing, marketing,  
4 competitive, or other purposes, any information re-  
5 lated to a product from a third-party supplier fea-  
6 tured on the commercial e-commerce portal or the  
7 transaction of such a product, except as necessary to  
8 comply with the requirements of the program estab-  
9 lished pursuant to subsection (a).

10 (i) SIMPLIFIED ACQUISITION THRESHOLD.—A pro-  
11 curement through a commercial e-commerce portal used  
12 under the program established pursuant to subsection (a)  
13 shall not exceed the simplified acquisition threshold in sec-  
14 tion 134 of title 41, United States Code.

15 (j) COMPTROLLER GENERAL ASSESSMENTS.—

16 (1) ASSESSMENT OF IMPLEMENTATION PLAN.—  
17 Not later than 90 days after the Director of the Of-  
18 fice of Management and Budget submits the imple-  
19 mentation plan described in subsection (c)(1) to the  
20 appropriate congressional committees, the Comp-  
21 troller General of the United States shall submit to  
22 the appropriate congressional committees an assess-  
23 ment of the plan, including any other matters the  
24 Comptroller General considers relevant to the plan.

1           (2) ASSESSMENT OF PROGRAM IMPLEMENTA-  
2           TION.—Not later than three years after the first  
3           contract with a commercial e-commerce portal pro-  
4           vider is awarded pursuant to subsection (a), the  
5           Comptroller General of the United States shall sub-  
6           mit to the appropriate congressional committees a  
7           report on the challenges and benefits the General  
8           Services Administration and participating depart-  
9           ments and agencies observe regarding implementa-  
10          tion of the program established pursuant to sub-  
11          section (a). The report shall include the following  
12          elements:

13                   (A) A description of the acquisition of the  
14                   commercial e-commerce portals (including the  
15                   extent to which the portals had to be configured  
16                   or otherwise modified to meet the needs of the  
17                   program) costs, and the implementation sched-  
18                   ule.

19                   (B) A description of participation by sup-  
20                   pliers, with particular attention to those de-  
21                   scribed under subsection (e), that have reg-  
22                   istered or that have sold goods with at least one  
23                   commercial e-commerce portal provider, includ-  
24                   ing numbers, categories, and trends.



1 (C) The effect, if any, of the program on  
2 the ability of agencies to meet goals established  
3 for suppliers and products described under sub-  
4 section (e), including goals established under  
5 section 15(g) of the Small Business Act (15  
6 U.S.C. 644(g)).

7 (D) A discussion of the limitations, if any,  
8 to participation by suppliers in the program.

9 (E) Any other matters the Comptroller  
10 General considers relevant to report.

11 (k) DEFINITIONS.—In this section:

12 (1) ADMINISTRATOR.—The term “Adminis-  
13 trator” means the Administrator of General Serv-  
14 ices.

15 (2) APPROPRIATE CONGRESSIONAL COMMIT-  
16 TEES.—The term “appropriate congressional com-  
17 mittees” means the following:

18 (A) The Committees on Armed Services of  
19 the Senate and House of Representatives.

20 (B) The Committee on Homeland Security  
21 and Governmental Affairs of the Senate and the  
22 Committee on Oversight and Government Re-  
23 form of the House of Representatives.

24 (C) The Committee on Small Business and  
25 Entrepreneurship of the Senate and the Com-

1           committee on Small Business of the House of Rep-  
2           resentatives.

3           (3) **COMMERCIAL E-COMMERCE PORTAL.**—The  
4           term “commercial e-commerce portal” means a com-  
5           mercial solution providing for the purchase of com-  
6           mercial products aggregated, distributed, sold, or  
7           manufactured via an online portal. The term does  
8           not include an online portal managed by the Govern-  
9           ment for, or predominantly for use by, Government  
10          agencies.

11          (4) **COMMERCIAL PRODUCT.**—The term “com-  
12          mercial product” means a commercially available off-  
13          the-shelf item, as defined in section 104 of title 41,  
14          United States Code, except the term does not in-  
15          clude services.

16          (5) **SMALL BUSINESS CONCERN.**—The term  
17          “small business concern” has the meaning given  
18          such term under section 3 of the Small Business Act  
19          (15 U.S.C. 632).

20 **SEC. 847. REVISION TO DEFINITION OF COMMERCIAL ITEM.**

21          (a) **IN GENERAL.**—Section 103(8) of title 41, United  
22          States Code, is amended by inserting before the period at  
23          the end the following: “or to multiple foreign govern-  
24          ments”.

1 (b) EFFECT ON SECTION 2464 OF TITLE 10.—Noth-  
2 ing in the amendment made by subsection (a) shall affect  
3 the meaning of the term “commercial item” for purposes  
4 of subsection (a)(5) of section 2464 of title 10, United  
5 States Code, or any requirement under subsection (a)(3)  
6 or subsection (c) of such section.

7 **SEC. 848. COMMERCIAL ITEM DETERMINATIONS.**

8 Section 2380 of title 10, United States Code, is  
9 amended—

10 (1) by striking “The Secretary” and inserting  
11 “(a) IN GENERAL.—The Secretary”; and

12 (2) by adding at the end the following new sub-  
13 section:

14 “(b) ITEMS PREVIOUSLY ACQUIRED USING COMMER-  
15 CIAL ITEM ACQUISITION PROCEDURES.—

16 “(1) DETERMINATIONS.—A contract for an  
17 item acquired using commercial item acquisition pro-  
18 cedures under part 12 of the Federal Acquisition  
19 Regulation shall serve as a prior commercial item  
20 determination with respect to such item for purposes  
21 of this chapter unless the senior procurement execu-  
22 tive of the military department or the Department of  
23 Defense as designated for purposes of section  
24 1702(c) of title 41 determines in writing that it is

1 no longer appropriate to acquire the item using com-  
2 mercial item acquisition procedures.

3 “(2) LIMITATION.—(A) Except as provided  
4 under subparagraph (B), funds appropriated or oth-  
5 erwise made available to the Department of Defense  
6 may not be used for the procurement under part 15  
7 of the Federal Acquisition Regulation of an item  
8 that was previously acquired under a contract using  
9 commercial item acquisition procedures under part  
10 12 of the Federal Acquisition Regulation.

11 “(B) The limitation under subparagraph (A)  
12 does not apply to the procurement of an item that  
13 was previously acquired using commercial item ac-  
14 quisition procedures under part 12 of the Federal  
15 Acquisition Regulation following—

16 “(i) a written determination by the head of  
17 contracting activity pursuant to section  
18 2306a(b)(4)(B) of this title that the use of such  
19 procedures was improper; or

20 “(ii) a written determination by the senior  
21 procurement executive of the military depart-  
22 ment or the Department of Defense as des-  
23 ignated for purposes of section 1702(c) of title  
24 41 that it is no longer appropriate to acquire  
25 the item using such procedures.”.

1 **SEC. 849. REVIEW OF REGULATIONS ON COMMERCIAL**  
2 **ITEMS.**

3 (a) REVIEW OF DETERMINATIONS NOT TO EXEMPT  
4 DEPARTMENT OF DEFENSE CONTRACTS FOR COMMER-  
5 CIAL ITEMS AND COMMERCIALY AVAILABLE OFF-THE-  
6 SHELF ITEMS FROM CERTAIN LAWS AND REGULA-  
7 TIONS.—Not later than one year after the date of the en-  
8 actment of this Act, the Secretary of Defense shall—

9 (1) review each determination of the Federal  
10 Acquisition Regulatory Council pursuant to section  
11 1906(b)(2), section 1906(c)(3), or section  
12 1907(a)(2) of title 41, United States Code, not to  
13 exempt contracts and subcontracts described in sub-  
14 section (a) of section 2375 of title 10, United States  
15 Code, from laws such contracts and subcontracts  
16 would otherwise be exempt from under section  
17 1906(d) of title 41, United States Code; and

18 (2) propose revisions to the Department of De-  
19 fense Supplement to the Federal Acquisition Regula-  
20 tion to provide an exemption from each law subject  
21 to such determination unless the Secretary deter-  
22 mines there is a specific reason not to provide the  
23 exemption.

24 (b) REVIEW OF CERTAIN CONTRACT CLAUSE RE-  
25 QUIREMENTS APPLICABLE TO COMMERCIAL ITEM CON-

1 TRACTS.—Not later than one year after the date of the  
2 enactment of this Act, the Secretary of Defense shall—

3 (1) review the Department of Defense Supple-  
4 ment to the Federal Acquisition Regulation to assess  
5 all regulations that require a specific contract clause  
6 for a contract using commercial item acquisition  
7 procedures under part 12 of the Federal Acquisition  
8 Regulation, except for regulations required by law or  
9 Executive order; and

10 (2) propose revisions to the Department of De-  
11 fense Supplement to the Federal Acquisition Regula-  
12 tion to eliminate regulations reviewed under para-  
13 graph (1) unless the Secretary determines on a case-  
14 by-case basis that there is a specific reason not to  
15 eliminate the regulation.

16 (c) ELIMINATION OF CERTAIN CONTRACT CLAUSE  
17 REGULATIONS APPLICABLE TO COMMERCIALY AVAIL-  
18 ABLE OFF-THE-SHELF ITEM SUBCONTRACTS.—Not later  
19 than one year after the date of the enactment of this Act,  
20 the Secretary of Defense shall—

21 (1) review the Department of Defense Supple-  
22 ment to the Federal Acquisition Regulation to assess  
23 all regulations that require a prime contractor to in-  
24 clude a specific contract clause in a subcontract for  
25 commercially available off-the-shelf items unless the

1 inclusion of such clause is required by law or Execu-  
2 tive order; and

3 (2) propose revisions to the Department of De-  
4 fense Supplement to the Federal Acquisition Regula-  
5 tion to eliminate regulations reviewed under para-  
6 graph (1) unless the Secretary determines on a case-  
7 by-case basis that there is a specific reason not to  
8 eliminate the regulation.

9 **SEC. 850. TRAINING IN COMMERCIAL ITEMS PROCURE-**  
10 **MENT.**

11 (a) TRAINING.—Not later than one year after the  
12 date of the enactment of this Act, the President of the  
13 Defense Acquisition University shall establish a com-  
14 prehensive training program on part 12 of the Federal Ac-  
15 quisition Regulation. The training shall cover, at a min-  
16 imum, the following topics:

17 (1) The origin of part 12 and the congressional  
18 mandate to prefer commercial procurements.

19 (2) The definition of a commercial item, with a  
20 particular focus on the “of a type” concept.

21 (3) Price analysis and negotiations.

22 (4) Market research and analysis.

23 (5) Independent cost estimates.

24 (6) Parametric estimating methods.

25 (7) Value analysis.

1           (8) Best practices in pricing from commercial  
2           sector organizations, foreign government organiza-  
3           tions, and other Federal, State, and local public sec-  
4           tors organizations.

5           (9) Other topics on commercial procurements  
6           necessary to ensure a well-educated acquisition  
7           workforce.

8           (b) ENROLLMENTS GOALS.—The President of the  
9           Defense Acquisition University shall set goals for student  
10          enrollment for the comprehensive training program estab-  
11          lished under subsection (a).

12          (c) SUPPORTING ACTIVITIES.—The Secretary of De-  
13          fense shall, in support of the achievement of the goals of  
14          this section—

15                (1) engage academic experts on research topics  
16                of interest to improve commercial item identification  
17                and pricing methodologies; and

18                (2) facilitate exchange and interface opportuni-  
19                ties between government personnel to increase  
20                awareness of best practices and challenges in com-  
21                mercial item identification and pricing.

22          (d) FUNDING.—The Secretary of Defense shall use  
23          amounts available in the Department of Defense Acquisi-  
24          tion Workforce Development Fund established under sec-  
25          tion 1705 of title 10, United States Code, to fund the com-



1 prehensive training program established under subsection  
2 (a).

3 **Subtitle F—Provisions Relating to**  
4 **Services Contracting**

5 **SEC. 851. IMPROVEMENT OF PLANNING FOR ACQUISITION**  
6 **OF SERVICES.**

7 (a) IN GENERAL.—

8 (1) IMPROVEMENT OF PLANNING FOR ACQUISITION OF SERVICES.—Chapter 137 of title 10, United  
9 States Code, is amended by inserting after section  
10 2328 the following new section:  
11 2328 the following new section:

12 **“§ 2329. Procurement of services: data analysis and**  
13 **requirements validation**

14 “(a) IN GENERAL.—The Secretary of Defense shall  
15 ensure that—

16 “(1) appropriate and sufficiently detailed data  
17 are collected and analyzed to support the validation  
18 of requirements for services contracts and inform  
19 the planning, programming, budgeting, and execu-  
20 tion process of the Department of Defense;

21 “(2) requirements for services contracts are  
22 evaluated appropriately and in a timely manner to  
23 inform decisions regarding the procurement of serv-  
24 ices; and

1           “(3) decisions regarding the procurement of  
2           services consider available resources and total force  
3           management policies and procedures.

4           “(b) SPECIFICATION OF AMOUNTS REQUESTED IN  
5 BUDGET.—Effective October 1, 2022, the Secretary of  
6 Defense shall annually submit to Congress information on  
7 services contracts that clearly and separately identifies the  
8 amount requested for each category of services to be pro-  
9 cured for each Defense Agency, Department of Defense  
10 Field Activity, command, or military installation. Such in-  
11 formation shall—

12           “(1) be submitted at or about the time of the  
13 budget submission by the President under section  
14 1105(a) of title 31;

15           “(2) cover the fiscal year covered by such budg-  
16 et submission by the President;

17           “(3) be consistent with total amounts of esti-  
18 mated expenditures and proposed appropriations  
19 necessary to support the programs, projects, and ac-  
20 tivities of the Department of Defense included in  
21 such budget submission by the President for that  
22 fiscal year; and

23           “(4) be organized using a common enterprise  
24 data structure developed under section 2222 of this  
25 title.

1           “(c) DATA ANALYSIS.—(1) Each Secretary of a mili-  
2       tary department shall regularly analyze past spending pat-  
3       terns and anticipated future requirements with respect to  
4       the procurement of services within such military depart-  
5       ment.

6           “(2)(A) The Secretary of Defense shall regularly ana-  
7       lyze past spending patterns and anticipated future re-  
8       quirements with respect to the procurement of services—

9           “(i) within each Defense Agency and Depart-  
10       ment of Defense Field Activity; and

11          “(ii) across military departments, Defense  
12       Agencies, and Department of Defense Field Activi-  
13       ties.

14          “(B) The Secretaries of the military departments  
15       shall make data on services contracts available to the Sec-  
16       retary of Defense for purposes of conducting the analysis  
17       required under subparagraph (A).

18          “(3) The analyses conducted under this subsection  
19       shall—

20          “(A) identify contracts for similar services that  
21       are procured for three or more consecutive years at  
22       each Defense Agency, Department of Defense Field  
23       Activity, command, or military installation;

24          “(B) evaluate patterns in the procurement of  
25       services, to the extent practicable, at each Defense

1 Agency, Department of Defense Field Activity, com-  
2 mand, or military installation and by category of  
3 services procured;

4 “(C) be used to validate requirements for serv-  
5 ices contracts entered into after the date of the en-  
6 actment of this subsection; and

7 “(D) be used to inform decisions on the award  
8 of and funding for such services contracts.

9 “(d) REQUIREMENTS EVALUATION.—Each Services  
10 Requirements Review Board shall evaluate each require-  
11 ment for a services contract, taking into consideration  
12 total force management policies and procedures, available  
13 resources, the analyses conducted under subsection (c),  
14 and contracting efficacy and efficiency. An evaluation of  
15 a services contract for compliance with contracting policies  
16 and procedures may not be considered to be an evaluation  
17 of a requirement for such services contract.

18 “(e) TIMELY PLANNING TO AVOID BRIDGE CON-  
19 TRACTS.—(1) Effective October 1, 2018, the Secretary of  
20 Defense shall ensure that a requirements owner shall, to  
21 the extent practicable, plan appropriately before the date  
22 of need of a service at a Defense Agency, Department of  
23 Defense Field Activity, command, or military installation  
24 to avoid the use of a bridge contract to provide for con-  
25 tinuation of a service to be performed through a services

1 contract. Such planning shall include allowing time for a  
2 requirement to be validated, a services contract to be en-  
3 tered into, and funding for the services contract to be se-  
4 cured.

5 “(2)(A) Upon the first use, due to inadequate plan-  
6 ning (as determined by the Secretary of Defense), of a  
7 bridge contract to provide for continuation of a service to  
8 be performed through a services contract, the require-  
9 ments owner, along with the contracting officer or a des-  
10 ignee of the contracting officer for the contract, shall—

11 “(i) for a services contract in an amount less  
12 than \$10,000,000, provide an update on the status  
13 of the bridge contract (including the rationale for  
14 using the bridge contract) to the commander or the  
15 senior civilian official of the Defense Agency con-  
16 cerned, Department of Defense Field Activity con-  
17 cerned, command concerned, or military installation  
18 concerned, as applicable; or

19 “(ii) for a services contract in an amount equal  
20 to or greater than \$10,000,000, provide an update  
21 on the status of the bridge contract (including the  
22 rationale for using the bridge contract) to the service  
23 acquisition executive for the military department  
24 concerned, the head of the Defense Agency con-  
25 cerned, the combatant commander concerned, or the

1 Under Secretary of Defense for Acquisition and  
2 Sustainment, as applicable.

3 “(B) Upon the second use, due to inadequate plan-  
4 ning (as determined by the Secretary of Defense), of a  
5 bridge contract to provide for continuation of a service to  
6 be performed through a services contract in an amount  
7 less than \$10,000,000, the commander or senior civilian  
8 official referred to in subparagraph (A)(i) shall provide no-  
9 tification of such second use to the Vice Chief of Staff  
10 of the armed force concerned and the service acquisition  
11 executive of the military department concerned, the head  
12 of the Defense Agency concerned, the combatant com-  
13 mander concerned, or the Under Secretary of Defense for  
14 Acquisition and Sustainment, as applicable.

15 “(f) EXCEPTION.—Except with respect to the anal-  
16 yses required under subsection (c), this section shall not  
17 apply to—

18 “(1) services contracts in support of contin-  
19 gency operations, humanitarian assistance, or dis-  
20 aster relief;

21 “(2) services contracts in support of a national  
22 security emergency declared with respect to a named  
23 operation; or

24 “(3) services contracts entered into pursuant to  
25 an international agreement.

1 “(g) DEFINITIONS.—In this section:

2 “(1) The term ‘bridge contact’ means—

3 “(A) an extension to an existing contract  
4 beyond the period of performance to avoid a  
5 lapse in service caused by a delay in awarding  
6 a subsequent contract; or

7 “(B) a new short-term contract awarded  
8 on a sole-source basis to avoid a lapse in service  
9 caused by a delay in awarding a subsequent  
10 contract.

11 “(2) The term ‘requirements owner’ means a  
12 member of the armed forces (other than the Coast  
13 Guard) or a civilian employee of the Department of  
14 Defense responsible for a requirement for a service  
15 to be performed through a services contract.

16 “(3) The term ‘Services Requirements Review  
17 Board’ has the meaning given in Department of De-  
18 fense Instruction 5000.74, titled ‘Defense Acquisi-  
19 tion of Services’ and dated January 5, 2016, or a  
20 successor instruction.”

21 (2) CLERICAL AMENDMENT.—The table of sec-  
22 tions at the beginning of such chapter is amended  
23 by inserting after the item relating to section 2328  
24 the following new item:

“2329. Procurement of services: data analysis and requirements validation.”.

1 **SEC. 852. STANDARD GUIDELINES FOR EVALUATION OF RE-**  
2 **QUIREMENTS FOR SERVICES CONTRACTS.**

3 (a) IN GENERAL.—The Secretary of Defense shall  
4 encourage the use of standard guidelines within the De-  
5 partment of Defense for the evaluation of requirements  
6 for services contracts. Such guidelines shall be available  
7 to the Services Requirements Review Boards (established  
8 under Department of Defense Instruction 5000.74, titled  
9 “Defense Acquisition of Services” and dated January 5,  
10 2016, or a successor instruction) within each Defense  
11 Agency, each Department of Defense Field Activity, and  
12 each military department for the purpose of standardizing  
13 the requirements evaluation required under section 2329  
14 of title 10, United States Code, as added by this Act.

15 (b) DEFINITIONS.—In this section—

16 (1) the terms “Defense Agency”, “Department  
17 of Defense Field Activity”, and “military depart-  
18 ment” have the meanings given those terms in sec-  
19 tion 101 of title 10, United States Code; and

20 (2) the term “total force management policies  
21 and procedures” means the policies and procedures  
22 established under section 129a of such title.

23 **SEC. 853. REPORT ON OUTCOME-BASED SERVICES CON-**  
24 **TRACTS.**

25 Not later than April 1, 2018, the Secretary of De-  
26 fense shall submit to the Committees on Armed Services



1 of the Senate and House of Representatives a report on  
2 the merits of using outcome-based services contracts with-  
3 in the Department of Defense. Such report shall include  
4 a comparison of the use of outcome-based services con-  
5 tracts by the Department of Defense compared to input-  
6 based services contracts, the limitations of outcome-based  
7 services contracts, and an analysis of the cost implications  
8 of both approaches.

9 **SEC. 854. PILOT PROGRAM FOR LONGER TERM MULTIYEAR**  
10 **SERVICE CONTRACTS.**

11 (a) ESTABLISHMENT.—The Secretary of Defense  
12 shall carry out a pilot program under which the Secretary  
13 may use the authority under subsection (a) of section  
14 2306c of title 10, United States Code, to enter into up  
15 to five contracts for periods of not more than 10 years  
16 for services described in subsection (b) of such section.  
17 Each contract entered into pursuant to this subsection  
18 may be extended for up to five additional one-year terms.

19 (b) STUDY.—

20 (1) IN GENERAL.—Not later than 90 days after  
21 the date of the enactment of this Act, the Secretary  
22 of Defense shall enter into an agreement with an  
23 independent organization with relevant expertise to  
24 study best practices and lessons learned from using  
25 services contracts for periods longer than five years

1 by commercial companies, foreign governments, and  
2 State governments, as well as service contracts for  
3 periods longer than five years used by the Federal  
4 Government, such as energy savings performance  
5 contracts (as defined in section to section 804(3) of  
6 the National Energy Conservation Policy Act (42  
7 U.S.C. 8287c(3)).

8 (2) REPORT.—Not later than one year after the  
9 date of the enactment of this Act, the Secretary of  
10 Defense shall submit to the congressional defense  
11 committees a report on the study conducted under  
12 paragraph (1).

13 (c) COMPTROLLER GENERAL REPORT.—Not later  
14 than five years after the date of the enactment of this Act,  
15 the Comptroller General of the United States shall submit  
16 to the congressional defense committees a report on the  
17 pilot program carried out under this section.

18 **Subtitle G—Provisions Relating to**  
19 **Other Transaction Authority**  
20 **and Prototyping**

21 **SEC. 861. CONTRACT AUTHORITY FOR ADVANCED DEVELOP-**  
22 **MENT OF INITIAL OR ADDITIONAL PROTO-**  
23 **TYPE UNITS.**

24 (a) PERMANENT AUTHORITY.—

1           (1) IN GENERAL.—Chapter 137 of title 10,  
2           United States Code, is amended by inserting after  
3           section 2302d the following new section:

4   **“§ 2302e. Contract authority for advanced develop-**  
5                   **ment of initial or additional prototype**  
6                   **units**

7           “(a) AUTHORITY.—A contract initially awarded from  
8           the competitive selection of a proposal resulting from a  
9           general solicitation referred to in section 2302(2)(B) of  
10          this title may contain a contract line item or contract op-  
11          tion for—

12                   “(1) the provision of advanced component de-  
13                   velopment, prototype, or initial production of tech-  
14                   nology developed under the contract; or

15                   “(2) the delivery of initial or additional items if  
16                   the item or a prototype thereof is created as the re-  
17                   sult of work performed under the contract.

18          “(b) LIMITATIONS.—

19                   “(1) MINIMAL AMOUNT.—A contract line item  
20                   or contract option described in subsection (a)(2)  
21                   shall require the delivery of the minimal amount of  
22                   initial or additional items to allow for the timely  
23                   competitive solicitation and award of a follow-on de-  
24                   velopment or production contract for those items.

1 “(2) **TERM.**—A contract line item or contract  
2 option described in subsection (a) shall be for a term  
3 of not more than 2 years.

4 “(3) **DOLLAR VALUE OF WORK.**—The dollar  
5 value of the work to be performed pursuant to a  
6 contract line item or contract option described in  
7 subsection (a) may not exceed \$100,000,000, in fis-  
8 cal year 2017 constant dollars.

9 “(4) **APPLICABILITY.**—The authority provided  
10 in subsection (a) applies only to the Secretary of De-  
11 fense, the Secretary of the Army, the Secretary of  
12 the Navy, and the Secretary of the Air Force.”.

13 (2) **CLERICAL AMENDMENT.**—The table of sec-  
14 tions at the beginning of such chapter is amended  
15 by inserting after the item relating to section 2302d  
16 the following new item:

“2302e. Contract authority for advanced development of initial or additional  
prototype units.”.

17 (b) **REPEAL OF OBSOLETE AUTHORITY.**—Section  
18 819 of the National Defense Authorization Act for Fiscal  
19 Year 2010 (Public Law 111–84; 10 U.S.C. 2302 note) is  
20 hereby repealed.

21 **SEC. 862. METHODS FOR ENTERING INTO RESEARCH**  
22 **AGREEMENTS.**

23 Section 2358(b) of title 10, United States Code, is  
24 amended—

1 (1) in paragraph (3), by striking “or”;

2 (2) in paragraph (4), by striking the period at  
3 the end and inserting a semicolon; and

4 (3) by adding at the end the following new  
5 paragraphs:

6 “(5) by transactions (other than contracts, co-  
7 operative agreements, and grants) entered into pur-  
8 suant to section 2371 or 2371b of this title; or

9 “(6) by purchases through procurement for ex-  
10 perimental purposes pursuant to section 2373 of this  
11 title.”.

12 **SEC. 863. EDUCATION AND TRAINING FOR TRANSACTIONS**

13 **OTHER THAN CONTRACTS AND GRANTS.**

14 Section 2371 of title 10, United States Code, is  
15 amended—

16 (1) by redesignating subsection (g) as sub-  
17 section (h); and

18 (2) by inserting after subsection (f) the fol-  
19 lowing new subsection:

20 “(g) **EDUCATION AND TRAINING.**—The Secretary of  
21 Defense shall—

22 “(1) ensure that management, technical, and  
23 contracting personnel of the Department of Defense  
24 involved in the award or administration of trans-  
25 actions under this section or other innovative forms

1 of contracting are afforded opportunities for ade-  
2 quate education and training; and

3 “(2) establish minimum levels and requirements  
4 for continuous and experiential learning for such  
5 personnel, including levels and requirements for ac-  
6 quisition certification programs.”.

7 **SEC. 864. OTHER TRANSACTION AUTHORITY FOR CERTAIN**  
8 **PROTOTYPE PROJECTS.**

9 (a) EXPANDED AUTHORITY FOR PROTOTYPE  
10 PROJECTS.—Subsection (a)(2) of section 2371b of title  
11 10, United States Code, is amended—

12 (1) by striking “for a prototype project” each  
13 place such term appears and inserting “for a trans-  
14 action (for a prototype project)”;

15 (2) in subparagraph (A)—

16 (A) by striking “\$50,000,000” and insert-  
17 ing “\$100,000,000”; and

18 (B) by striking “\$250,000,000” and in-  
19 serting “\$500,000,000”; and

20 (3) in subparagraph (B), by striking  
21 “\$250,000,000” and inserting “\$500,000,000”.

22 (b) CLARIFICATION OF INCLUSION OF SMALL BUSI-  
23 NESSES PARTICIPATING IN SBIR OR STTR.—Subpara-  
24 graph (B) of section 2371b(d)(1) of title 10, United States  
25 Code, is amended by inserting “(including small busi-

1 nesses participating in a program described under section  
2 9 of the Small Business Act (15 U.S.C. 638))” after  
3 “small businesses”.

4 (c) MODIFICATION OF COST SHARING REQUIREMENT  
5 FOR USE OF OTHER TRANSACTION AUTHORITY.—Sub-  
6 paragraph (C) of such section is amended by striking  
7 “provided by parties to the transaction” and inserting  
8 “provided by sources other than”.

9 (d) USE OF OTHER TRANSACTION AUTHORITY FOR  
10 ONGOING PROTOTYPE PROJECTS.—Subsection (f)(1) of  
11 section 2371b of title 10, United States Code, is amended  
12 by adding at the end the following: “A transaction in-  
13 cludes all individual prototype subprojects awarded under  
14 the transaction to a consortium of United States industry  
15 and academic institutions.”.

16 **SEC. 865. AMENDMENT TO NONTRADITIONAL AND SMALL**  
17 **CONTRACTOR INNOVATION PROTOTYPING**  
18 **PROGRAM.**

19 Section 884(d) of the National Defense Authorization  
20 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
21 2318; 10 U.S.C. 2302 note) is amended—

22 (1) by redesignating paragraph (9) as para-  
23 graph (10); and

24 (2) by inserting after paragraph (8) the fol-  
25 lowing new paragraph (9):

1           “(9) Unmanned ground logistics and unmanned  
2           air logistics capabilities enhancement.”.

3   **SEC. 866. MIDDLE TIER OF ACQUISITION FOR RAPID PRO-**  
4                           **TOTYPE AND RAPID FIELDING.**

5           Section 804(c)(2) of the National Defense Authoriza-  
6   tion Act for Fiscal Year 2016 (Public Law 114–92; 10  
7   U.S.C. 2302 note) is amended—

- 8           (1) by striking subparagraph (C); and  
9           (2) by redesignating subparagraphs (D) and  
10          (E) as subparagraphs (C) and (D), respectively.

11   **SEC. 867. PREFERENCE FOR USE OF OTHER TRANSACTIONS**  
12                           **AND EXPERIMENTAL AUTHORITY.**

13          In the execution of science and technology and proto-  
14   typing programs, the Secretary of Defense shall establish  
15   a preference, to be applied in circumstances determined  
16   appropriate by the Secretary, for using transactions other  
17   than contracts, cooperative agreements, and grants en-  
18   tered into pursuant to sections 2371 and 2371b of title  
19   10, United States Code, and authority for procurement  
20   for experimental purposes pursuant to section 2373 of  
21   title 10, United States Code.



1 **SEC. 868. PROTOTYPE PROJECTS TO DIGITIZE DEFENSE AC-**  
2 **QUISITION REGULATIONS, POLICIES, AND**  
3 **GUIDANCE, AND EMPOWER USER TAILORING**  
4 **OF ACQUISITION PROCESS.**

5 (a) IN GENERAL.—The Secretary of Defense, acting  
6 through the Under Secretary of Defense for Research and  
7 Engineering, shall conduct development efforts to develop  
8 prototypes to digitize defense acquisition regulations, poli-  
9 cies, and guidance and to develop a digital decision sup-  
10 port tool that facilitates the ability of users to tailor pro-  
11 grams in accordance with existing laws, regulations, and  
12 guidance.

13 (b) ELEMENTS.—Under the prototype projects, the  
14 Secretary shall—

15 (1) convert existing acquisition policies, guides,  
16 memos, templates, and reports to an online, inter-  
17 active digital format to create a dynamic, integrated,  
18 and authoritative knowledge environment for pur-  
19 poses of assisting program managers and the acqui-  
20 sition workforce of the Department of Defense to  
21 navigate the complex lifecycle for each major type of  
22 acquisition program or activity of the Department;

23 (2) as part of this digital environment, create a  
24 digital decision support capability that uses decision  
25 trees and tailored acquisition models to assist users

1 to develop strategies and facilitate coordination and  
2 approvals; and

3 (3) as part of this environment, establish a  
4 foundational data layer to enable advanced data  
5 analytics on the acquisition enterprise of the Depart-  
6 ment, to include business process reengineering to  
7 improve productivity.

8 (c) USE OF PROTOTYPES IN ACQUISITION ACTIVI-  
9 TIES.—The Under Secretary of Defense for Research and  
10 Engineering shall encourage the use of these prototypes  
11 to model, develop, and test any procedures, policies, in-  
12 structions, or other forms of direction and guidance that  
13 may be required to support acquisition training, practices,  
14 and policies of the Department of Defense.

15 (d) FUNDING.—The Secretary may use the authority  
16 under section 1705(e)(4)(B) of title 10, United States  
17 Code, to develop acquisition support prototypes and tools  
18 under this program.

## 19 **Subtitle H—Provisions Relating to** 20 **Software Acquisition**

### 21 **SEC. 871. NONCOMMERCIAL COMPUTER SOFTWARE ACQUI-** 22 **SITION CONSIDERATIONS.**

23 (a) IN GENERAL.—

24 (1) REQUIREMENT.—Chapter 137 of title 10,  
25 United States Code, as amended by section 802, is

1 further amended by inserting after section 2322 the  
2 following new section:

3 **“§ 2322a. Requirement for consideration of certain**  
4 **matters during acquisition of non-**  
5 **commercial computer software**

6 “(a) CONSIDERATION REQUIRED.—As part of any  
7 negotiation for the acquisition of noncommercial computer  
8 software, the Secretary of Defense shall ensure that such  
9 negotiations consider, to the maximum extent practicable,  
10 acquisition, at the appropriate time in the life cycle of the  
11 noncommercial computer software, of all software and re-  
12 lated materials necessary—

13 “(1) to reproduce, build, or recompile the soft-  
14 ware from original source code and required librar-  
15 ies;

16 “(2) to conduct required computer software  
17 testing; and

18 “(3) to deploy working computer software sys-  
19 tem binary files on relevant system hardware.

20 “(b) DELIVERY OF SOFTWARE AND RELATED MATE-  
21 RIALS.—Any noncommercial computer software or related  
22 materials required to be delivered as a result of consider-  
23 ations in subsection (a) shall, to the extent appropriate  
24 as determined by the Secretary—

1           “(1) include computer software delivered in a  
2 useable, digital format;

3           “(2) not rely on external or additional software  
4 code or data, unless such software code or data is  
5 included in the items to be delivered; and

6           “(3) in the case of negotiated terms that do not  
7 allow for the inclusion of dependent software code or  
8 data, sufficient documentation to support mainte-  
9 nance and understanding of interfaces and software  
10 revision history.”.

11           (2) CLERICAL AMENDMENT.—The table of sec-  
12 tions at the beginning of such chapter is amended  
13 by adding after the item relating to section 2322, as  
14 added by section 802, the following new item:

“2322a. Requirement for consideration of certain matters during acquisition of  
noncommercial computer software.”.

15           (b) GUIDANCE.—Not later than 180 days after the  
16 date of the enactment of this Act, the Secretary of Defense  
17 shall issue updated guidance to implement section 2322a  
18 of title 10, United States Code, as added by subsection  
19 (a).

20 **SEC. 872. DEFENSE INNOVATION BOARD ANALYSIS OF**  
21 **SOFTWARE ACQUISITION REGULATIONS.**

22           (a) STUDY.—

23           (1) IN GENERAL.—Not later than 30 days after  
24 the date of the enactment of this Act, the Secretary

1 of Defense shall direct the Defense Innovation  
2 Board to undertake a study on streamlining soft-  
3 ware development and acquisition regulations.

4 (2) MEMBER PARTICIPATION.—The Chairman  
5 of the Defense Innovation Board shall select appro-  
6 priate members from the membership of the Board  
7 to participate in the study, and may recommend ad-  
8 ditional temporary members or contracted support  
9 personnel to the Secretary of Defense for the pur-  
10 poses of the study. In considering additional ap-  
11 pointments to the study, the Secretary of Defense  
12 shall ensure that members have significant technical,  
13 legislative, or regulatory expertise and reflect diverse  
14 experiences in the public and private sector.

15 (3) SCOPE.—The study conducted pursuant to  
16 paragraph (1) shall—

17 (A) review the acquisition regulations ap-  
18 plicable to, and organizational structures with-  
19 in, the Department of Defense with a view to-  
20 ward streamlining and improving the efficiency  
21 and effectiveness of software acquisition in  
22 order to maintain defense technology advan-  
23 tage;

24 (B) review ongoing software development  
25 and acquisition programs, including a cross sec-

1           tion of programs that offer a variety of applica-  
2           tion types, functional communities, and scale, in  
3           order to identify case studies of best and worst  
4           practices currently in use within the Depart-  
5           ment of Defense;

6           (C) produce specific and detailed rec-  
7           ommendations for any legislation, including the  
8           amendment or repeal of regulations, as well as  
9           non-legislative approaches, that the members of  
10          the Board conducting the study determine nec-  
11          essary to—

12                 (i) streamline development and pro-  
13                 curement of software;

14                 (ii) adopt or adapt best practices from  
15                 the private sector applicable to Govern-  
16                 ment use;

17                 (iii) promote rapid adoption of new  
18                 technology;

19                 (iv) improve the talent management of  
20                 the software acquisition workforce, includ-  
21                 ing by providing incentives for the recruit-  
22                 ment and retention of such workforce with-  
23                 in the Department of Defense;

24                 (v) ensure continuing financial and  
25                 ethical integrity in procurement; and

1 (vi) protect the best interests of the  
2 Department of Defense; and

3 (D) produce such additional recommenda-  
4 tions for legislation as such members consider  
5 appropriate.

6 (4) ACCESS TO INFORMATION.—The Secretary  
7 of Defense shall provide the Defense Innovation  
8 Board with timely access to appropriate information,  
9 data, resources, and analysis so that the Board may  
10 conduct a thorough and independent analysis as re-  
11 quired under this subsection.

12 (b) REPORTS.—

13 (1) INTERIM REPORTS.—Not later than 150  
14 days after the date of the enactment of this Act, the  
15 Secretary of Defense shall submit a report to or  
16 brief the congressional defense committees on the in-  
17 terim findings of the study conducted pursuant to  
18 subsection (a). The Defense Innovation Board shall  
19 provide regular updates to the Secretary of Defense  
20 and the congressional defense committees for pur-  
21 poses of providing the interim report.

22 (2) FINAL REPORT.—Not later than one year  
23 after the Secretary of Defense directs the Defense  
24 Advisory Board to conduct the study, the Board  
25 shall transmit a final report of the study to the Sec-

1       retary. Not later than 30 days after receiving the  
2       final report, the Secretary of Defense shall transmit  
3       the final report, together with such comments as the  
4       Secretary determines appropriate, to the congress-  
5       sional defense committees.

6   **SEC. 873. PILOT PROGRAM TO USE AGILE OR ITERATIVE**  
7                   **DEVELOPMENT METHODS TO TAILOR MAJOR**  
8                   **SOFTWARE-INTENSIVE WARFIGHTING SYS-**  
9                   **TEMS AND DEFENSE BUSINESS SYSTEMS.**

10   (a) PILOT PROGRAM.—

11           (1) IN GENERAL.—Not later than 30 days after  
12       the date of the enactment of this Act, the Secretary  
13       of Defense, in consultation with the Secretaries of  
14       the military departments and the chiefs of the armed  
15       forces, shall establish a pilot program to tailor and  
16       simplify software development requirements and  
17       methods for major software-intensive warfighting  
18       systems and defense business systems.

19           (2) IMPLEMENTATION PLAN FOR PILOT PRO-  
20       GRAM.—Not later than 120 days after the date of  
21       the enactment of this Act, the Secretary of Defense,  
22       in consultation with the Secretaries of the military  
23       departments and the chiefs of the armed forces,  
24       shall develop a plan for implementing the pilot pro-  
25       gram required under this subsection, including guid-



1           ance for implementing the program and for selecting  
2           systems for participation in the program.

3           (3) SELECTION OF SYSTEMS FOR PILOT PRO-  
4           GRAM.—

5           (A) The implementation plan shall require  
6           that systems be selected as follows:

7                   (i) For major software-intensive  
8                   warfighting systems, one system per armed  
9                   force and one defense-wide system, includ-  
10                  ing at least one major defense acquisition  
11                  program or major automated information  
12                  system.

13                  (ii) For defense business systems, not  
14                  fewer than two systems and not greater  
15                  than eight systems.

16           (B) In selecting systems for participation,  
17           the Secretary shall prioritize systems as follows:

18                   (i) For major software-intensive  
19                   warfighting systems, systems that—

20                           (I) have identified software devel-  
21                           opment as a high risk;

22                           (II) have experienced cost growth  
23                           and schedule delay; and

1 (III) did not deliver any oper-  
2 ational capability within the prior cal-  
3 endar year.

4 (ii) For defense business systems, sys-  
5 tems that—

6 (I) have experienced cost growth  
7 and schedule delay;

8 (II) did not deliver any oper-  
9 ational capability within the prior cal-  
10 endar year; and

11 (III) are underperforming other  
12 systems within a defense business sys-  
13 tem portfolio with similar user re-  
14 quirements.

15 (b) REALIGNMENT PLANS.—

16 (1) IN GENERAL.—Not later than 60 days after  
17 selecting a system for the pilot program under sub-  
18 section (a)(3), the Secretary shall develop a plan for  
19 realigning the system by breaking down the system  
20 into smaller increments using agile or iterative devel-  
21 opment methods. The realignment plan shall include  
22 a revised cost estimate that is lower than the cost  
23 estimate for the system that was current as of the  
24 date of the enactment of this Act.

1           (2) REALIGNMENT EXECUTION.—Each incre-  
2           ment for a realigned system shall—

3                   (A) be designed to deliver a meaningfully  
4                   useful capability within the first 180 days fol-  
5                   lowing realignment;

6                   (B) be designed to deliver subsequent  
7                   meaningfully useful capabilities in time periods  
8                   of less than 180 days;

9                   (C) incorporate multidisciplinary teams fo-  
10                  cused on software production that prioritize  
11                  user needs and control of total cost of owner-  
12                  ship;

13                  (D) be staffed with highly qualified tech-  
14                  nically trained staff and personnel with man-  
15                  agement and business process expertise in lead-  
16                  ership positions to support requirements modi-  
17                  fication, acquisition strategy, and program deci-  
18                  sionmaking;

19                  (E) ensure that the acquisition strategy for  
20                  the realigned system is broad enough to allow  
21                  for proposals of a service, system, modified  
22                  business practice, configuration of personnel, or  
23                  combination thereof for implementing the strat-  
24                  egy;

1 (F) include periodic engagement with the  
2 user community, as well as representation by  
3 the user community in program management  
4 and software production activity;

5 (G) ensure that the acquisition strategy for  
6 the realigned system favors outcomes-based re-  
7 quirements definition and capability as a serv-  
8 ice, including the establishment of technical  
9 evaluation criteria as outcomes to be used to  
10 negotiate service-level agreements with vendors;  
11 and

12 (H) consider options for termination of the  
13 relationship with any vendor unable or unwill-  
14 ing to offer terms that meet the requirements  
15 of this section.

16 (c) REMOVAL OF SYSTEMS.—The Secretary may re-  
17 move a system selected for the pilot program under sub-  
18 section (a)(3) only after the Secretary submits to the Com-  
19 mittees on Armed Services of the Senate and House of  
20 Representatives a written determination that indicates  
21 that the selected system has been unsuccessful in reducing  
22 cost or schedule growth, or is not meeting the overall  
23 needs of the pilot program.

24 (d) EDUCATION AND TRAINING IN AGILE OR  
25 ITERATIVE DEVELOPMENT METHODS.—

1           (1) TRAINING REQUIREMENT.—The Secretary  
2           shall ensure that any personnel from the relevant or-  
3           ganizations in each of the military departments and  
4           Defense Agencies participating in the pilot program,  
5           including organizations responsible for engineering,  
6           budgeting, contracting, test and evaluation, require-  
7           ments validation, and certification and accreditation,  
8           receive targeted training in agile or iterative develop-  
9           ment methods, including the interim course required  
10          by section 891 of this Act.

11          (2) SUPPORT.—In carrying out the pilot pro-  
12          gram under subsection (a), the Secretary shall en-  
13          sure that personnel participating in the program  
14          provide feedback to inform the development of edu-  
15          cation and training curricula as required by section  
16          891.

17          (e) SUNSET.—The pilot program required under sub-  
18          section (a) shall terminate on September 30, 2023. Any  
19          system selected under subsection (a)(3) for the pilot pro-  
20          gram shall continue after that date through the execution  
21          of its realignment plan.

22          (f) AGILE OR ITERATIVE DEVELOPMENT DE-  
23          FINED.—In this section, the term “agile or iterative devel-  
24          opment”, with respect to software—

1           (1) means acquisition pursuant to a method for  
2           delivering multiple, rapid, incremental capabilities to  
3           the user for operational use, evaluation, and feed-  
4           back not exclusively linked to any single, proprietary  
5           method or process; and

6           (2) involves—

7                   (A) the incremental development and field-  
8                   ing of capabilities, commonly called “spirals”,  
9                   “spins”, or “sprints”, which can be measured  
10                  in a few weeks or months; and

11                   (B) continuous participation and collabora-  
12                  tion by users, testers, and requirements au-  
13                  thorities.

14 **SEC. 874. SOFTWARE DEVELOPMENT PILOT PROGRAM**  
15 **USING AGILE BEST PRACTICES.**

16           (a) **IN GENERAL.**—Not later than 30 days after the  
17           date of the enactment of this Act, the Secretary of Defense  
18           shall identify no fewer than four and up to eight software  
19           development activities within the Department of Defense  
20           or military departments to be developed in a pilot program  
21           using agile acquisition methods.

22           (b) **STREAMLINED PROCESSES.**—Software develop-  
23           ment activities identified under subsection (a) shall be se-  
24           lected for the pilot program and developed without incor-

1 poration of the following contract or transaction require-  
2 ments:

3 (1) Earned value management (EVM) or EVM-  
4 like reporting.

5 (2) Development of integrated master schedule.

6 (3) Development of integrated master plan.

7 (4) Development of technical requirement docu-  
8 ment.

9 (5) Development of systems requirement docu-  
10 ments.

11 (6) Use of information technology infrastruc-  
12 ture library agreements.

13 (7) Use of software development life cycle  
14 (methodology).

15 (c) ROLES AND RESPONSIBILITIES.—

16 (1) IN GENERAL.—Selected activities shall in-  
17 clude the following roles and responsibilities:

18 (A) A program manager that is authorized  
19 to make all programmatic decisions within the  
20 overarching activity objectives, including re-  
21 sources, funding, personnel, and contract or  
22 transaction termination recommendations.

23 (B) A product owner that reports directly  
24 to the program manager and is responsible for  
25 the overall design of the product, prioritization

1 of roadmap elements and interpretation of their  
2 acceptance criteria, and prioritization of the list  
3 of all features desired in the product.

4 (C) An engineering lead that reports di-  
5 rectly to the program manager and is respon-  
6 sible for the implementation and operation of  
7 the software.

8 (D) A design lead that reports directly to  
9 the program manager and is responsible for  
10 identifying, communicating, and visualizing user  
11 needs through a human-centered design proc-  
12 ess.

13 (2) QUALIFICATIONS.—The Secretary shall es-  
14 tablish qualifications for personnel filling the posi-  
15 tions described in paragraph (1) prior to their selec-  
16 tion. The qualifications may not include a positive  
17 education requirement and must be based on tech-  
18 nical expertise or experience in delivery of software  
19 products, including agile concepts.

20 (3) COORDINATION PLAN FOR TESTING AND  
21 CERTIFICATION ORGANIZATIONS.—The program  
22 manager shall ensure the availability of resources for  
23 test and certification organizations support of  
24 iterative development processes.



1 (d) PLAN.—The Secretary of Defense shall develop  
2 a plan for each selected activity under the pilot program.

3 The plan shall include the following elements:

4 (1) Definition of a product vision, identifying a  
5 succinct, clearly defined need the software will ad-  
6 dress.

7 (2) Definition of a product road map, outlining  
8 a noncontractual plan that identifies short-term and  
9 long-term product goals and specific technology solu-  
10 tions to help meet those goals and adjusts to mission  
11 and user needs at the product owner’s discretion.

12 (3) The use of a broad agency announcement,  
13 other transaction authority, or other rapid merit-  
14 based solicitation procedure.

15 (4) Identification of, and continuous engage-  
16 ment with, end users.

17 (5) Frequent and iterative end user validation  
18 of features and usability consistent with the prin-  
19 ciples outlined in the Digital Services Playbook of  
20 the U.S. Digital Service.

21 (6) Use of commercial best practices for ad-  
22 vanced computing systems, including, where applica-  
23 ble—

24 (A) Automated testing, integration, and  
25 deployment;

1 (B) compliance with applicable commercial  
2 accessibility standards;

3 (C) capability to support modern versions  
4 of multiple, common web browsers;

5 (D) capability to be viewable across com-  
6 monly used end user devices, including mobile  
7 devices; and

8 (E) built-in application monitoring.

9 (e) PROGRAM SCHEDULE.—The Secretary shall en-  
10 sure that each selected activity includes—

11 (1) award processes that take no longer than  
12 three months after a requirement is identified;

13 (2) planned frequent and iterative end user vali-  
14 dation of implemented features and their usability;

15 (3) delivery of a functional prototype or mini-  
16 mally viable product in three months or less from  
17 award; and

18 (4) follow-on delivery of iterative development  
19 cycles no longer than four weeks apart, including se-  
20 curity testing and configuration management as ap-  
21 plicable.

22 (f) OVERSIGHT METRICS.—The Secretary shall en-  
23 sure that the selected activities—

24 (1) use a modern tracking tool to execute re-  
25 quirements backlog tracking; and

1           (2) use agile development metrics that, at a  
2           minimum, track—

3                   (A) pace of work accomplishment;

4                   (B) completeness of scope of testing activi-  
5                   ties (such as code coverage, fault tolerance, and  
6                   boundary testing);

7                   (C) product quality attributes (such as  
8                   major and minor defects and measures of key  
9                   performance attributes and quality attributes);

10                  (D) delivery progress relative to the cur-  
11                  rent product roadmap; and

12                  (E) goals for each iteration.

13           (g) RESTRICTIONS.—

14                   (1) USE OF FUNDS.—No funds made available  
15                   for the selected activities may be expended on esti-  
16                   mation or evaluation using source lines of code  
17                   methodologies.

18                   (2) CONTRACT TYPES.—The Secretary of De-  
19                   fense may not use lowest price technically acceptable  
20                   contracting methods or cost plus contracts to carry  
21                   out selected activities under this section, and shall  
22                   encourage the use of existing streamlined and flexi-  
23                   ble contracting arrangements.

24           (h) REPORTS.—

1           (1) SOFTWARE DEVELOPMENT ACTIVITY COM-  
2           MENCEMENT.—

3           (A) IN GENERAL.—Not later than 30 days  
4           before the commencement of a software devel-  
5           opment activity under the pilot program under  
6           subsection (a), the Secretary shall submit to the  
7           congressional defense committees a report on  
8           the activity (in this subsection referred to as a  
9           “pilot activity”).

10          (B) ELEMENTS.—The report on a pilot ac-  
11          tivity under this paragraph shall set forth a de-  
12          scription of the pilot activity, including the fol-  
13          lowing information:

- 14                   (i) The purpose of the pilot activity.  
15                   (ii) The duration of the pilot activity.  
16                   (iii) The efficiencies and benefits an-  
17                   ticipated to accrue to the Government  
18                   under the pilot program.

19          (2) SOFTWARE DEVELOPMENT ACTIVITY COM-  
20          PLETION.—

21          (A) IN GENERAL.—Not later than 60 days  
22          after the completion of a pilot activity, the Sec-  
23          retary shall submit to the congressional defense  
24          committees a report on the pilot activity.

1 (B) ELEMENTS.—The report on a pilot ac-  
2 tivity under this paragraph shall include the fol-  
3 lowing elements:

4 (i) A description of results of the pilot  
5 activity.

6 (ii) Such recommendations for legisla-  
7 tive or administrative action as the Sec-  
8 retary considers appropriate in light of the  
9 pilot activity.

10 (i) DEFINITIONS.—In this section:

11 (1) AGILE ACQUISITION.—The term “agile ac-  
12 quisition” means acquisition using agile or iterative  
13 development.

14 (2) AGILE OR ITERATIVE DEVELOPMENT.—The  
15 term “agile or iterative development”, with respect  
16 to software—

17 (A) means acquisition pursuant to a meth-  
18 od for delivering multiple, rapid, incremental  
19 capabilities to the user for operational use, eval-  
20 uation, and feedback not exclusively linked to  
21 any single, proprietary method or process; and

22 (B) involves—

23 (i) the incremental development and  
24 fielding of capabilities, commonly called  
25 “spirals”, “spins”, or “sprints”, which can

1 be measured in a few weeks or months;  
2 and  
3 (ii) continuous participation and col-  
4 laboration by users, testers, and require-  
5 ments authorities.

6 **SEC. 875. PILOT PROGRAM FOR OPEN SOURCE SOFTWARE.**

7 (a) **IN GENERAL.**—Not later than 180 days after the  
8 date of the enactment of this Act, the Secretary of Defense  
9 shall initiate for the Department of Defense the open  
10 source software pilot program established by the Office of  
11 Management and Budget Memorandum M-16-21 titled  
12 “Federal Source Code Policy: Achieving Efficiency, Trans-  
13 parency, and Innovation through Reusable and Open  
14 Source Software” and dated August 8, 2016.

15 (b) **REPORT TO CONGRESS.**—Not later than 60 days  
16 after the date of the enactment of this Act, the Secretary  
17 of Defense shall provide a report to Congress with details  
18 of the plan of the Department of Defense to implement  
19 the pilot program required by subsection (a). Such plan  
20 shall include identifying candidate software programs, se-  
21 lection criteria, intellectual property and licensing issues,  
22 and other matters determined by the Secretary.

23 (c) **COMPTROLLER GENERAL REPORT.**—Not later  
24 than June 1, 2019, the Comptroller General of the United  
25 States shall provide a report to Congress on the implemen-

1 tation of the pilot program required by subsection (a) by  
2 the Secretary of Defense. The report shall address, at a  
3 minimum, the compliance of the Secretary with the re-  
4 quirements of the Office of Management and Budget  
5 Memorandum M-16-21, the views of various software and  
6 information technology stakeholders in the Department of  
7 Defense, and any other matters determined by the Comp-  
8 troller General.

## 9 **Subtitle I—Other Matters**

### 10 **SEC. 881. EXTENSION OF MAXIMUM DURATION OF FUEL** 11 **STORAGE CONTRACTS.**

12 (a) EXTENSION.—Section 2922(b) of title 10, United  
13 States Code, is amended by striking “20 years” and in-  
14 serting “30 years”.

15 (b) EFFECTIVE DATE.—The amendment made by  
16 subsection (a) shall apply with respect to contracts entered  
17 into on or after the date of the enactment of this Act,  
18 and may be applied to a contract entered into before that  
19 date if the total contract period under the contract (in-  
20 cluding options) has not expired as of the date of any ex-  
21 tension of such contract period by reason of such amend-  
22 ment.

1 **SEC. 882. PROCUREMENT OF AVIATION CRITICAL SAFETY**  
2 **ITEMS.**

3 Section 814(a) of the National Defense Authorization  
4 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
5 2271; 10 U.S.C. 2302 note) is amended—

6 (1) in paragraph (1)—

7 (A) by inserting “or an aviation critical  
8 safety item (as defined in section 2319(g) of  
9 this title)” after “personal protective equip-  
10 ment”; and

11 (B) by inserting “equipment or” after  
12 “failure of the”; and

13 (2) in paragraph (2), by inserting “or item”  
14 after “equipment”.

15 **SEC. 883. MODIFICATIONS TO THE ADVISORY PANEL ON**  
16 **STREAMLINING AND CODIFYING ACQUISI-**  
17 **TION REGULATIONS.**

18 (a) **EXTENSION OF DATE FOR FINAL REPORT.—**

19 (1) **TRANSMITTAL OF PANEL FINAL REPORT.—**

20 Subsection (e)(1) of section 809 of the National De-  
21 fense Authorization Act for Fiscal Year 2016 (Pub-  
22 lic Law 114–92; 129 Stat. 889), as amended by sec-  
23 tion 863(d) of the National Defense Authorization  
24 Act for Fiscal Year 2017 (Public Law 114–328; 130  
25 Stat. 2303), is amended—



1 (A) by striking “Not later than two years  
2 after the date on which the Secretary of De-  
3 fense establishes the advisory panel” and insert-  
4 ing “Not later than January 15, 2019”; and

5 (B) by striking “the Secretary.” and in-  
6 serting “the Secretary of Defense and the con-  
7 gressional defense committees.”.

8 (2) SECRETARY OF DEFENSE ACTION ON FINAL  
9 REPORT.—Subsection (e)(4) of such section is  
10 amended—

11 (A) by striking “Not later than 30 days”  
12 and inserting “Not later than 60 days”; and

13 (B) by striking “the final report, together  
14 with such comments as the Secretary deter-  
15 mines appropriate,” and inserting “such com-  
16 ments as the Secretary determines appro-  
17 priate”.

18 (b) TERMINATION OF PANEL.—Such section is fur-  
19 ther amended by adding at the end the following new sub-  
20 section:

21 “(g) TERMINATION OF PANEL.—The advisory panel  
22 shall terminate 180 days after the date on which the final  
23 report of the panel is transmitted pursuant to subsection  
24 (e)(1).”.

1 (c) TECHNICAL AMENDMENT.—Subsection (d) of  
2 such section is amended by striking “resources,” and in-  
3 serting “resources,”.

4 **SEC. 884. REPEAL OF EXPIRED PILOT PROGRAM FOR LEAS-**  
5 **ING COMMERCIAL UTILITY CARGO VEHICLES.**

6 Section 807(c) of the National Defense Authorization  
7 Act for Fiscal Year 1996 (Public Law 104–106; 10 U.S.C.  
8 2401a note) is repealed.

9 **SEC. 885. EXCEPTION FOR BUSINESS OPERATIONS FROM**  
10 **REQUIREMENT TO ACCEPT \$1 COINS.**

11 (a) IN GENERAL.—Paragraph (1) of section 5112(p)  
12 of title 31, United States Code, is amended by adding at  
13 the end the following new flush sentence:

14 “This paragraph does not apply with respect to busi-  
15 ness operations conducted by any entity under a  
16 contract with an agency or instrumentality of the  
17 United States, including with any nonappropriated  
18 fund instrumentality established under title 10,  
19 United States Code.”.

20 (b) CONFORMING AMENDMENT.—Such paragraph is  
21 further amended—

22 (1) by striking “and all entities that operate  
23 any business, including vending machines, on any  
24 premises owned by the United States or under the  
25 control of any agency or instrumentality of the

1 United States, including the legislative and judicial  
2 branches of the Federal Government,”; and

3 (2) by inserting “and” before “all transit sys-  
4 tems”.

5 (c) TECHNICAL AMENDMENT.—Subparagraph (B) of  
6 such paragraph is amended by striking “displays” and in-  
7 serting “display”.

8 **SEC. 886. DEVELOPMENT OF PROCUREMENT ADMINISTRA-**  
9 **TIVE LEAD TIME.**

10 (a) IN GENERAL.—Not later than 180 days after the  
11 date of the enactment of this Act, the Secretary of Defense  
12 shall develop, make available for public comment, and fi-  
13 nalize—

14 (1) a definition of the term “Procurement Ad-  
15 ministrative Lead Time” or “PALT”, to be applied  
16 Department of Defense-wide, that describes the  
17 amount of time from the date on which a solicitation  
18 is issued to the date of an initial award of a contract  
19 or task order of the Department of Defense; and

20 (2) a plan for measuring and publicly reporting  
21 data on PALT for Department of Defense contracts  
22 and task orders above the simplified acquisition  
23 threshold.

1 (b) REQUIREMENT FOR DEFINITION.—Unless the  
2 Secretary determines otherwise, the amount of time in the  
3 definition of PALT developed under subsection (a) shall—

4 (1) begin on the date on which the initial solici-  
5 tation is issued for a contract or task order of the  
6 Department of Defense by the Secretary of a mili-  
7 tary department or head of a Defense Agency; and  
8 (2) end on the date of the award of the contract  
9 or task order.

10 (c) COORDINATION.—In developing the definition of  
11 PALT, the Secretary shall coordinate with—

12 (1) the senior contracting official of each mili-  
13 tary department and Defense Agency to determine  
14 the variations of the definition in use across the De-  
15 partment of Defense and each military department  
16 and Defense Agency; and

17 (2) the Administrator of the General Services  
18 Administration on modifying the existing data sys-  
19 tem of the Federal Government to determine the  
20 date on which the initial solicitation is issued.

21 (d) USE OF EXISTING PROCUREMENT DATA SYS-  
22 TEMS.—In developing the plan for measuring and publicly  
23 reporting data on PALT required by subsection (a), the  
24 Secretary shall, to the maximum extent practicable, rely  
25 on the information contained in the Federal procurement

1 data system established pursuant to section 1122(a)(4) of  
2 title 41, United States Code, including any modifications  
3 to that system.

4 **SEC. 887. NOTIONAL MILESTONES AND STANDARD**  
5 **TIMELINES FOR CONTRACTS FOR FOREIGN**  
6 **MILITARY SALES.**

7 (a) ESTABLISHMENT.—

8 (1) IN GENERAL.—The Secretary of Defense  
9 shall establish specific notional milestones and  
10 standard timelines for the Department of Defense to  
11 achieve such milestones in its processing of a foreign  
12 military sale (as authorized under chapter 2 of the  
13 Arms Export Control Act (22 U.S.C. 2761 et seq.)).  
14 Such milestones and timelines—

15 (A) may vary depending on the complexity  
16 of the foreign military sale; and

17 (B) shall cover the period beginning on the  
18 date of receipt of a complete letter of request  
19 (as described in chapter 5 of the Security As-  
20 sistance Management Manual of the Defense  
21 Security Cooperation Agency) from a foreign  
22 country and ending on the date of the final de-  
23 livery of a defense article or defense service sold  
24 through the foreign military sale.

1           (2) REPORT.—Not later than 180 days after  
2           the date of the enactment of this Act, the Secretary  
3           shall submit to the appropriate committees of Con-  
4           gress a report describing the milestones and  
5           timelines developed pursuant to paragraph (1) of  
6           this section.

7           (b) SUBMISSIONS TO CONGRESS.—

8           (1) QUARTERLY NOTIFICATION.—During the  
9           period beginning 180 days after the date of the en-  
10          actment of this Act and ending on December 31,  
11          2021, the Secretary shall submit to the appropriate  
12          committees of Congress, on a quarterly basis, a re-  
13          port that includes a list of each foreign military sale  
14          with a value greater than or equal to the dollar  
15          threshold for congressional notification under section  
16          36 of the Arms Export Control Act (22 U.S.C.  
17          2776)—

18                 (A) for which the final delivery of a de-  
19                 fense article or defense service has not been  
20                 completed; and

21                 (B) that has not met a standard timeline  
22                 to achieve a notional milestone as established  
23                 under subsection (a).

24           (2) ANNUAL REPORT.—Not later than Novem-  
25          ber 1, 2019, and annually thereafter until December

1       31, 2021, the Secretary shall submit to the appro-  
2       priate committees of Congress a report that summa-  
3       rizes—

4               (A) the number, set forth separately by  
5       dollar value and notional milestone, of foreign  
6       military sales that met the standard timeline to  
7       achieve a notional milestone established under  
8       subsection (a) during the preceding fiscal year;  
9       and

10              (B) the number, set forth separately by  
11       dollar value and notional milestone, of each for-  
12       eign military sale that did not meet the stand-  
13       ard timeline to achieve a notional milestone es-  
14       tablished under subsection (a), and a descrip-  
15       tion of any extenuating factors explaining why  
16       such a sale did not achieve such milestone.

17       (c) DEFINITIONS.—In this section—

18              (1) the terms “defense article” and “defense  
19       service” have the meanings given those terms, re-  
20       spectively, in section 47 of the Arms Export Control  
21       Act (22 U.S.C. 2794); and

22              (2) the term “appropriate committees of Con-  
23       gress” means—

1 (A) the Committee on Armed Services and  
2 the Committee on Foreign Relations of the Sen-  
3 ate; and

4 (B) the Committee on Armed Services and  
5 the Committee on Foreign Affairs of the House  
6 of Representatives.

7 **SEC. 888. ASSESSMENT AND AUTHORITY TO TERMINATE OR**  
8 **PROHIBIT CONTRACTS FOR PROCUREMENT**  
9 **FROM CHINESE COMPANIES PROVIDING SUP-**  
10 **PORT TO THE DEMOCRATIC PEOPLE'S RE-**  
11 **PUBLIC OF KOREA.**

12 (a) ASSESSMENT REQUIRED.—

13 (1) IN GENERAL.—The Secretary of Defense, in  
14 consultation with the Secretary of State, the Sec-  
15 retary of the Treasury, and the Director of National  
16 Intelligence, shall conduct an assessment of trade  
17 between the People's Republic of China and the  
18 Democratic People's Republic of Korea, including  
19 elements deemed to be important to United States  
20 national security and defense.

21 (2) ELEMENTS.—The assessment required by  
22 paragraph (1) shall—

23 (A) assess the composition of all trade be-  
24 tween China and the Democratic People's Re-



1 public of Korea, including trade in goods and  
2 services;

3 (B) identify whether any Chinese commer-  
4 cial entities that are engaged in such trade ma-  
5 terially support illicit activities on the part of  
6 North Korea;

7 (C) evaluate the extent to which the  
8 United States Government procures goods or  
9 services from any commercial entity identified  
10 under subparagraph (B);

11 (D) provide a list of commercial entities  
12 identified under subparagraph (B) that provide  
13 defense goods or services for the Department of  
14 Defense; and

15 (E) evaluate the ramifications to United  
16 States national security, including any impacts  
17 to the defense industrial base, Department of  
18 Defense acquisition programs, and Department  
19 of Defense logistics or supply chains, of prohib-  
20 iting procurements from commercial entities  
21 listed under subparagraph (D).

22 (3) REPORT.—Not later than 180 days after  
23 the date of the enactment of this Act, the Secretary  
24 of Defense shall submit to Congress a report on the  
25 assessment required by paragraph (1). The report

1 shall be submitted in unclassified form, but may  
2 contain a classified annex.

3 (b) AUTHORITY.—The Secretary of Defense may ter-  
4 minate existing contracts or prohibit the award of con-  
5 tracts for the procurement of goods or services for the De-  
6 partment of Defense from a Chinese commercial entity in-  
7 cluded on the list described under subsection (a)(2)(D)  
8 based on a determination informed by the assessment re-  
9 quired under subsection (a)(1).

10 (c) NOTIFICATION.—The Secretary of Defense shall  
11 submit to the appropriate committees of Congress a notifi-  
12 cation of, and detailed justification for, any exercise of the  
13 authority in subsection (b) not less than 30 days before  
14 the date on which the authority is exercised.

15 (d) APPROPRIATE COMMITTEES OF CONGRESS DE-  
16 FINED.—In this section, the term “appropriate commit-  
17 tees of Congress” means—

18 (1) the Committee on Armed Services and the  
19 Committee on Foreign Relations of the Senate; and

20 (2) the Committee on Armed Services and the  
21 Committee on Foreign Affairs of the House of Rep-  
22 resentatives.

23 **SEC. 889. REPORT ON DEFENSE CONTRACTING FRAUD.**

24 (a) IN GENERAL.—Not later than 180 days after the  
25 date of the enactment of this Act, the Secretary of Defense

1 shall submit to the congressional defense committees a re-  
2 port on defense contracting fraud.

3 (b) ELEMENTS.—The report required under sub-  
4 section (a) shall include the following elements:

5 (1) A summary of fraud-related criminal convic-  
6 tions and civil judgments or settlements over the  
7 previous five fiscal years.

8 (2) A listing of contractors that within the pre-  
9 vious five fiscal years performed contracts for the  
10 Department of Defense and were debarred or sus-  
11 pended from Federal contracting based on a crimi-  
12 nal conviction for fraud.

13 (3) An assessment of the total value of Depart-  
14 ment of Defense contracts entered into during the  
15 previous five fiscal years with contractors that have  
16 been indicted for, settled charges of, been fined by  
17 any Federal department or agency for, or been con-  
18 victed of fraud in connection with any contract or  
19 other transaction entered into with the Federal Gov-  
20 ernment.

21 (4) Recommendations by the Inspector General  
22 of the Department of Defense or other appropriate  
23 Department of Defense official regarding how to pe-  
24 nalize contractors repeatedly involved in fraud in  
25 connection with contracts or other transactions en-

1       tered into with the Federal Government, including  
2       an update on implementation by the Department of  
3       any previous such recommendations.

4   **SEC. 890. COMPTROLLER GENERAL REPORT ON CON-**  
5               **TRACTOR BUSINESS SYSTEM REQUIRE-**  
6               **MENTS.**

7       (a) EVALUATION.—Not later than 1 year after the  
8       date of enactment of this Act, the Comptroller General  
9       of the United States shall submit to the congressional de-  
10      fense committees a report evaluating the implementation  
11      and effectiveness of the program for the improvement of  
12      contractor business systems established pursuant to sec-  
13      tion 893 of the Ike Skelton National Defense Authoriza-  
14      tion Act for Fiscal Year 2011 (Public Law 111–383; 10  
15      U.S.C. 2302 note). The report shall—

16           (1) describe how the requirements of such pro-  
17           gram were implemented, including the roles and re-  
18           sponsibilities of relevant Defense Agencies and  
19           known costs to the Federal Government and covered  
20           contractors;

21           (2) analyze the extent to which implementation  
22           of such program has affected, if at all, covered con-  
23           tractor performance or the management and over-  
24           sight of covered contracts of the Department of De-  
25           fense;

1           (3) assess how the amendments to contractor  
2           business system requirements made by section 893  
3           of the National Defense Authorization Act for Fiscal  
4           Year 2017 (Public Law 114–328; 130 Stat. 2324)  
5           were implemented, including—

6                   (A) the effects of revising the definition of  
7                   “covered contractor” in section 893(g)(2) of the  
8                   Ike Skelton National Defense Authorization Act  
9                   for Fiscal Year 2011 (Public Law 111–383; 10  
10                  U.S.C. 2302 note) and the feasibility and the  
11                  potential effects of further increasing the per-  
12                  centage of the total gross revenue included in  
13                  the definition; and

14                   (B) the extent to which third-party inde-  
15                  pendent auditors have conducted contractor  
16                  business system assessments pursuant to sec-  
17                  tion 893(e) of the Ike Skelton National Defense  
18                  Authorization Act for Fiscal Year 2011 (Public  
19                  Law 111–383; 10 U.S.C. 2302 note);

20           (4) identify any additional information or man-  
21           agement practices that could enhance the process for  
22           assessing contractor business systems, particularly  
23           when covered contractors have multiple covered con-  
24           tracts with the Department of Defense; and

1 (5) include any other matters the Comptroller  
2 General determines to be relevant.

3 (b) CONTRACTOR BUSINESS SYSTEM DEFINI-  
4 TIONS.—In this section, the terms “covered contractor”,  
5 “covered contract”, and “contractor business system”  
6 have the meanings given in section 893 of the Ike Skelton  
7 National Defense Authorization Act for Fiscal Year 2011  
8 (Public Law 111–383; 10 U.S.C. 2302 note).

9 **SEC. 891. TRAINING ON AGILE OR ITERATIVE DEVELOP-**  
10 **MENT METHODS.**

11 (a) IN GENERAL.—Not later than 180 days after the  
12 date of the enactment of this Act, the Secretary of De-  
13 fense, in consultation with the President of the Defense  
14 Acquisition University, shall establish a training course at  
15 the Defense Acquisition University on agile or iterative de-  
16 velopment methods to provide training for personnel im-  
17 plementing and supporting the pilot programs required by  
18 sections 873 and 874 of this Act.

19 (b) COURSE ELEMENTS.—

20 (1) IN GENERAL.—The course shall be taught  
21 in residence at the Defense Acquisition University  
22 and shall include the following elements:

23 (A) Training designed to instill a common  
24 understanding of all functional roles and de-  
25 pendencies involved in developing and producing

1 a capability using agile or iterative development  
2 methods.

3 (B) An exercise involving teams composed  
4 of personnel from pertinent functions and func-  
5 tional organizations engaged in developing an  
6 integrated agile or iterative development meth-  
7 od for a specific program.

8 (C) Instructors and content from non-gov-  
9 ernmental entities, as appropriate, to highlight  
10 commercial best practices in using an agile or  
11 iterative development method.

12 (2) COURSE UPDATES.—The Secretary shall en-  
13 sure that the course is updated as needed, including  
14 through incorporating lessons learned from the im-  
15 plementation of the pilot programs required by sec-  
16 tions 873 and 874 of this Act in subsequent versions  
17 of the course.

18 (c) COURSE ATTENDANCE.—The course shall be—

19 (1) available for certified acquisition personnel  
20 working on programs or projects using agile or  
21 iterative development methods; and

22 (2) mandatory for personnel participating in  
23 the pilot programs required by sections 873 and 874  
24 of this Act from the relevant organizations in each  
25 of the military departments and Defense Agencies,

1 including organizations responsible for engineering,  
2 budgeting, contracting, test and evaluation, require-  
3 ments validation, and certification and accreditation.

4 (d) AGILE ACQUISITION SUPPORT.—The Secretary  
5 and the senior acquisition executives in each of the mili-  
6 tary departments and Defense Agencies, in coordination  
7 with the Director of the Defense Digital Service, shall as-  
8 sign to offices supporting systems selected for participa-  
9 tion in the pilot programs required by sections 873 and  
10 874 of this Act a subject matter expert with knowledge  
11 of commercial agile acquisition methods and Department  
12 of Defense acquisition processes to provide assistance and  
13 to advise appropriate acquisition authorities of the ex-  
14 pert’s observations.

15 (e) AGILE RESEARCH PROGRAM.—The President of  
16 the Defense Acquisition University shall establish a re-  
17 search program to conduct research on and development  
18 of agile acquisition practices and tools best tailored to  
19 meet the mission needs of the Department of Defense.

20 (f) AGILE OR ITERATIVE DEVELOPMENT DE-  
21 FINED.—The term “agile or iterative development”, with  
22 respect to software—

23 (1) means acquisition pursuant to a method for  
24 delivering multiple, rapid, incremental capabilities to  
25 the user for operational use, evaluation, and feed-



1 back not exclusively linked to any single, proprietary  
2 method or process; and

3 (2) involves—

4 (A) the incremental development and field-  
5 ing of capabilities, commonly called “spirals”,  
6 “spins”, or “sprints”, which can be measured  
7 in a few weeks or months; and

8 (B) continuous participation and collabora-  
9 tion by users, testers, and requirements au-  
10 thorities.

11 **TITLE IX—DEPARTMENT OF DE-**  
12 **FENSE ORGANIZATION AND**  
13 **MANAGEMENT**

Subtitle A—Office of the Secretary of Defense and Related Matters

- Sec. 901. Treatment of incumbent Under Secretary of Defense for Acquisition, Technology, and Logistics.
- Sec. 902. Clarification of authority of Under Secretary of Defense for Acquisition and Sustainment with respect to service acquisition programs for which the service acquisition executive is the milestone decision authority.
- Sec. 903. Executive Schedule matters relating to Under Secretary of Defense for Acquisition and Sustainment.
- Sec. 904. Consistent period of relief from active duty as a commissioned officer of a regular component of the Armed Forces for appointment to Under Secretary of Defense positions.
- Sec. 905. Qualifications for appointment and additional duties and powers of certain officials within the Office of the Under Secretary of Defense (Comptroller).
- Sec. 906. Redesignation of Principal Deputy Under Secretaries of Defense as Deputy Under Secretaries of Defense and related matters.
- Sec. 907. Reduction of number and elimination of specific designations of Assistant Secretaries of Defense.
- Sec. 908. Limitation on maximum number of Deputy Assistant Secretaries of Defense.
- Sec. 909. Appointment and responsibilities of Chief Information Officer of the Department of Defense.
- Sec. 910. Chief Management Officer of the Department of Defense.

Subtitle B—Data Management and Analytics

- Sec. 911. Policy on treatment of defense business system data related to business operations and management.
- Sec. 912. Transparency of defense management data.
- Sec. 913. Establishment of set of activities that use data analysis, measurement, and other evaluation-related methods to improve acquisition program outcomes.

Subtitle C—Organization of Other Department of Defense Offices and Elements

- Sec. 921. Qualifications for appointment of Assistant Secretaries of the military departments for financial management.
- Sec. 922. Manner of carrying out reductions in major Department of Defense headquarters activities pursuant to headquarters reduction plan.
- Sec. 923. Certifications on cost savings achieved by reductions in major Department of Defense headquarters activities.
- Sec. 924. Corrosion control and prevention executives matters.
- Sec. 925. Background and security investigations for Department of Defense personnel.

Subtitle D—Miscellaneous Reporting Requirements

- Sec. 931. Additional elements in reports on policy, organization, and management goals of the Secretary of Defense for the Department of Defense.
- Sec. 932. Report and sense of Congress on responsibility for developmental test and evaluation within the Office of the Secretary of Defense.
- Sec. 933. Report on Office of Corrosion Policy and Oversight.

Subtitle D—Other Matters

- Sec. 941. Commission on the National Defense Strategy for the United States.

1 **Subtitle A—Office of the Secretary**  
2 **of Defense and Related Matters**

3 **SEC. 901. TREATMENT OF INCUMBENT UNDER SECRETARY**  
4 **OF DEFENSE FOR ACQUISITION, TECH-**  
5 **NOLOGY, AND LOGISTICS.**

6 Section 901(a) of the National Defense Authorization  
7 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
8 2339; 10 U.S.C. 133a note) is amended by striking para-  
9 graph (2).

1 **SEC. 902. CLARIFICATION OF AUTHORITY OF UNDER SEC-**  
2 **RETARY OF DEFENSE FOR ACQUISITION AND**  
3 **SUSTAINMENT WITH RESPECT TO SERVICE**  
4 **ACQUISITION PROGRAMS FOR WHICH THE**  
5 **SERVICE ACQUISITION EXECUTIVE IS THE**  
6 **MILESTONE DECISION AUTHORITY.**

7 Effective on February 1, 2018, and immediately after  
8 the coming into effect of the amendment made by section  
9 901(b) of the National Defense Authorization Act for Fis-  
10 cal Year 2017 (Public Law 114–328; 130 Stat. 2340),  
11 subsection (b)(6) of section 133b of title 10, United States  
12 Code, as added by such section 901(b), is amended by  
13 striking “supervisory authority” and inserting “advisory  
14 authority”.

15 **SEC. 903. EXECUTIVE SCHEDULE MATTERS RELATING TO**  
16 **UNDER SECRETARY OF DEFENSE FOR ACQUI-**  
17 **SITION AND SUSTAINMENT.**

18 (a) REPEAL OF PENDING EXECUTIVE SCHEDULE  
19 AMENDMENT.—Section 901(h) of the National Defense  
20 Authorization Act for Fiscal Year 2017 (Public Law 114–  
21 328; 130 Stat. 2342; 5 U.S.C. 5313 note) is amended—

22 (1) by striking “new items” and inserting “new  
23 item”; and

24 (2) by striking the item relating to the Under  
25 Secretary of Defense for Acquisition and  
26 Sustainment.

1 (b) EXECUTIVE SCHEDULE LEVEL III.—Effective on  
2 February 1, 2018, section 5314 of title 5, United States  
3 Code, is amended by inserting before the item relating to  
4 the Under Secretary of Defense for Policy the following  
5 new item:

6 “Under Secretary of Defense for Acquisition  
7 and Sustainment.”.

8 **SEC. 904. CONSISTENT PERIOD OF RELIEF FROM ACTIVE**  
9 **DUTY AS A COMMISSIONED OFFICER OF A**  
10 **REGULAR COMPONENT OF THE ARMED**  
11 **FORCES FOR APPOINTMENT TO UNDER SEC-**  
12 **RETARY OF DEFENSE POSITIONS.**

13 Chapter 4 of title 10, United States Code, is amend-  
14 ed—

15 (1) in section 135(a), by adding at the end the  
16 following new sentence: “A person may not be ap-  
17 pointed as Under Secretary within seven years after  
18 relief from active duty as a commissioned officer of  
19 a regular component of the armed forces.”;

20 (2) in section 136(a), by adding at the end the  
21 following new sentence: “A person may not be ap-  
22 pointed as Under Secretary within seven years after  
23 relief from active duty as a commissioned officer of  
24 a regular component of the armed forces.”; and

1           (3) in section 137(a), by adding at the end the  
2 following new sentence: “A person may not be ap-  
3 pointed as Under Secretary within seven years after  
4 relief from active duty as a commissioned officer of  
5 a regular component of the armed forces.”.

6 **SEC. 905. QUALIFICATIONS FOR APPOINTMENT AND ADDI-**  
7 **TIONAL DUTIES AND POWERS OF CERTAIN**  
8 **OFFICIALS WITHIN THE OFFICE OF THE**  
9 **UNDER SECRETARY OF DEFENSE (COMP-**  
10 **TROLLER).**

11       (a) UNDER SECRETARY OF DEFENSE (COMP-  
12 TROLLER).—

13           (1) QUALIFICATION FOR APPOINTMENT.—Sec-  
14 tion 135(a) of title 10, United States Code, as  
15 amended by section 904, is further amended—

16                   (A) by inserting “(1)” after “(a)”; and

17                   (B) by adding at the end the following new  
18 paragraph:

19       “(2) The Under Secretary of Defense (Comptroller)  
20 shall be appointed from among persons who have signifi-  
21 cant budget, financial management, or audit experience in  
22 complex organizations.”.

23           (2) DUTIES AND POWERS.—Section 135 of title  
24 10, United States Code, is further amended—

1 (A) by redesignating subsections (d) and  
2 (e) as subsections (e) and (f), respectively; and

3 (B) by inserting after subsection (c) the  
4 following new subsection (d):

5 “(d) In addition to any duties under subsection (c),  
6 the Under Secretary of Defense (Comptroller) shall, sub-  
7 ject to the authority, direction, and control of the Sec-  
8 retary of Defense, do the following:

9 “(1) Provide guidance and instruction on an-  
10 nual performance plans and evaluations to the fol-  
11 lowing:

12 “(A) The Assistant Secretaries of the mili-  
13 tary departments for financial management.

14 “(B) Any other official of an agency, orga-  
15 nization, or element of the Department of De-  
16 fense with responsibility for financial manage-  
17 ment.

18 “(2) Give directions to the military depart-  
19 ments, Defense Agencies, and other organizations  
20 and elements of the Department of Defense regard-  
21 ing their financial statements and the audit and  
22 audit readiness of such financial statements.”.

23 (b) QUALIFICATION FOR APPOINTMENT AS DEPUTY  
24 CHIEF FINANCIAL OFFICER.—The Deputy Chief Finan-  
25 cial Officer of the Department of Defense shall be ap-

1 pointed from among persons who have significant budget,  
2 financial management, or audit experience in complex or-  
3 ganizations.

4 (c) APPLICABILITY.—The appointment qualifications  
5 imposed by the amendments made by subsection (a)(1)  
6 and the appointment qualifications imposed by subsection  
7 (b) shall apply with respect to appointments as Under Sec-  
8 retary of Defense (Comptroller) and Deputy Chief Finan-  
9 cial Officer of the Department of Defense that are made  
10 on or after the date of the enactment of this Act.

11 **SEC. 906. REDESIGNATION OF PRINCIPAL DEPUTY UNDER**  
12 **SECRETARIES OF DEFENSE AS DEPUTY**  
13 **UNDER SECRETARIES OF DEFENSE AND RE-**  
14 **LATED MATTERS.**

15 (a) REDESIGNATION.—Section 137a of title 10,  
16 United States Code, is amended by striking “Principal”  
17 each place it appears.

18 (b) INCREASE IN AUTHORIZED NUMBER.—Section  
19 137a(a)(1) of title 10, United States Code, is amended  
20 by striking “five” and inserting “six”.

21 (c) REPLACEMENT OF ATL POSITION WITH TWO  
22 POSITIONS IN CONNECTION WITH OSD REFORM.—Effec-  
23 tive on February 1, 2018, section 137a(c) of title 10,  
24 United States Code, is amended—

1 (1) by redesignating paragraphs (2) through  
2 (5) as paragraphs (3) through (6), respectively; and

3 (2) by striking paragraph (1) and inserting the  
4 following new paragraphs:

5 “(1) One of the Deputy Under Secretaries is the Dep-  
6 uty Under Secretary of Defense for Research and Engi-  
7 neering.

8 “(2) One of the Deputy Under Secretaries is the Dep-  
9 uty Under Secretary of Defense for Acquisition and  
10 Sustainment.”.

11 (d) CONFORMING AMENDMENTS.—

12 (1) OSD.—Paragraph (6) of section 131(b) of  
13 title 10, United States Code, is amended to read as  
14 follows:

15 “(6) The Deputy Under Secretaries of De-  
16 fense.”.

17 (2) PRECEDENCE.—Section 138(d) of title 10,  
18 United States Code, is amended by striking “Prin-  
19 cipal”.

20 (e) EXECUTIVE SCHEDULE LEVEL IV.—Section  
21 5315 of title 5, United States Code, is amended—

22 (1) by striking “Principal” in the items relating  
23 to the Principal Deputy Under Secretary of Defense  
24 for Policy, the Principal Deputy Under Secretary of  
25 Defense for Personnel and Readiness, the Principal



1 Deputy Under Secretary of Defense (Comptroller),  
2 and the Principal Deputy Under Secretary of De-  
3 fense for Intelligence; and

4 (2) by inserting before the item relating to the  
5 Deputy Under Secretary of Defense for Policy, as  
6 amended by paragraph (1), the following new items:

7 “Deputy Under Secretary of Defense for Re-  
8 search and Engineering.

9 “Deputy Under Secretary of Defense for Acqui-  
10 sition and Sustainment.”.

11 (f) CLERICAL AMENDMENTS.—

12 (1) HEADING AMENDMENT.—The heading of  
13 section 137a of title 10, United States Code, is  
14 amended to read as follows:

15 **“§ 137a. Deputy Under Secretaries of Defense”.**

16 (2) CLERICAL AMENDMENT.—The table of sec-  
17 tions at the beginning of chapter 4 of title 10,  
18 United States Code, is amended by striking the item  
19 relating to section 137a and inserting the following  
20 new item:

“137a. Deputy Under Secretaries of Defense.”.

1 **SEC. 907. REDUCTION OF NUMBER AND ELIMINATION OF**  
2 **SPECIFIC DESIGNATIONS OF ASSISTANT SEC-**  
3 **RETARIES OF DEFENSE.**

4 (a) REDUCTION OF AUTHORIZED NUMBER.—Section  
5 138(a)(1) of title 10, United States Code, is amended by  
6 striking “14” and inserting “13”.

7 (b) ELIMINATION OF CERTAIN SPECIFIC DESIGNA-  
8 TIONS.—Section 138(b) of title 10, United States Code,  
9 is amended—

10 (1) by striking paragraphs (2) and (3); and

11 (2) by redesignating paragraphs (4), (5), and

12 (6) as paragraphs (2), (3), and (4), respectively.

13 **SEC. 908. LIMITATION ON MAXIMUM NUMBER OF DEPUTY**  
14 **ASSISTANT SECRETARIES OF DEFENSE.**

15 The maximum number of Deputy Assistant Secre-  
16 taries of Defense after the date of the enactment of this  
17 Act may not exceed 48.

18 **SEC. 909. APPOINTMENT AND RESPONSIBILITIES OF CHIEF**  
19 **INFORMATION OFFICER OF THE DEPART-**  
20 **MENT OF DEFENSE.**

21 (a) APPOINTMENT METHOD AND QUALIFICATIONS.—  
22 Section 142(a) of title 10, United States Code, is amended  
23 by inserting before the period at the end the following:  
24 “, who shall be appointed by the President, by and with  
25 the advice and consent of the Senate, from among civilians  
26 who are qualified to serve as such officer”.

1 (b) CLARIFICATION OF CERTAIN RESPONSIBIL-  
2 ITIES.—Section 142(b)(1)(I) of title 10, United States  
3 Code, is amended by striking “the networking and cyber  
4 defense architecture” and inserting “the information tech-  
5 nology, networking, information assurance, cybersecurity,  
6 and cyber capability architectures”.

7 (c) ADDITIONAL RESPONSIBILITIES RELATED TO  
8 BUDGETS AND STANDARDS.—Section 142(b) of title 10,  
9 United States Code, is amended—

10 (1) by redesignating paragraph (2) as para-  
11 graph (4); and

12 (2) by inserting after paragraph (1) the fol-  
13 lowing new paragraphs:

14 “(2)(A) The Secretary of Defense, acting through the  
15 Under Secretary of Defense (Comptroller), shall require  
16 the Secretaries of the military departments and the heads  
17 of the Defense Agencies with responsibilities associated  
18 with any activity specified in paragraph (1) to transmit  
19 the proposed budget for such activities for a fiscal year  
20 and for the period covered by the future-years defense pro-  
21 gram submitted to Congress under section 221 of this title  
22 for that fiscal year to the Chief Information Officer for  
23 review under subparagraph (B) before submitting the pro-  
24 posed budget to the Under Secretary of Defense (Comp-  
25 troller).

1           “(B) The Chief Information Officer shall review each  
2 proposed budget transmitted under subparagraph (A)  
3 and, not later than January 31 of the year preceding the  
4 fiscal year for which the budget is proposed, shall submit  
5 to the Secretary of Defense a report containing the com-  
6 ments of the Chief Information Officer with respect to all  
7 such proposed budgets, together with the certification of  
8 the Chief Information Officer regarding whether each pro-  
9 posed budget is adequate.

10           “(C) Not later than March 31 of each year, the Sec-  
11 retary of Defense shall submit to Congress a report speci-  
12 fying each proposed budget contained in the most-recent  
13 report submitted under subparagraph (B) that the Chief  
14 Information Officer did not certify to be adequate. The  
15 report of the Secretary shall include the following matters:

16           “(i) A discussion of the actions that the Sec-  
17 retary proposes to take, together with any rec-  
18 ommended legislation that the Secretary considers  
19 appropriate, to address the inadequacy of the pro-  
20 posed budgets specified in the report.

21           “(ii) Any additional comments that the Sec-  
22 retary considers appropriate regarding the inad-  
23 equacy of the proposed budgets.

24           “(3)(A) The Secretary of a military department or  
25 head of a Defense Agency may not develop or procure in-

1 formation technology (as defined in section 11101 of title  
2 40) that does not fully comply with such standards as the  
3 Chief Information Officer may establish.

4 “(B) The Chief Information Officer shall implement  
5 and enforce a process for—

6 “(i) developing, adopting, or publishing stand-  
7 ards for information technology, networking, or  
8 cyber capabilities to which any military department  
9 or defense agency would need to adhere in order to  
10 run such capabilities on defense networks; and

11 “(ii) certifying on a regular and ongoing basis  
12 that any capabilities being developed or procured  
13 meets such standards as have been published by the  
14 Department at the time of certification.

15 “(C) The Chief Information Officer shall identify  
16 gaps in standards and mitigation plans for operating in  
17 the absence of acceptable standards.”.

18 (d) DIRECTION AND PRECEDENCE.—Section 142 of  
19 title 10, United States Code, is amended by adding at the  
20 end the following new subsections:

21 “(c) The Chief Information Officer of the Depart-  
22 ment of Defense shall report directly to the Secretary of  
23 Defense in the performance of duties under this section.

24 “(d) The Chief Information Officer of the Depart-  
25 ment of Defense takes precedence in the Department of

1 Defense with the officials serving in positions specified in  
2 section 131(b)(4) of this title. The officials serving in posi-  
3 tions specified in such section and the Chief Information  
4 Officer take precedence among themselves in the order  
5 prescribed by the Secretary of Defense.”.

6 (e) ALTERNATIVE PROPOSAL.—Not later than March  
7 1, 2018, the Secretary of Defense shall submit to the con-  
8 gressional defense committees a proposal for such alter-  
9 natives or modifications to the realignment of responsibil-  
10 ities of the Chief Information Officer of the Department  
11 of Defense required by the amendments made by sub-  
12 section (a) as the Secretary considers appropriate, to-  
13 gether with an implementation plan for such proposal. The  
14 proposal may not be carried out unless approved by stat-  
15 ute.

16 (f) SERVICE OF INCUMBENT WITHOUT FURTHER AP-  
17 POINTMENT.—The individual serving in the position of  
18 Chief Information Officer of the Department of Defense  
19 as of January 1, 2019, may continue to serve in such posi-  
20 tion commencing as of that date without further appoint-  
21 ment pursuant to section 142 of title 10, United States  
22 Code, as amended by this section.

23 (g) EFFECTIVE DATE OF AMENDMENTS.—The  
24 amendments made by this section shall take effect on Jan-  
25 uary 1, 2019.

1 **SEC. 910. CHIEF MANAGEMENT OFFICER OF THE DEPART-**  
2 **MENT OF DEFENSE.**

3 (a) CHIEF MANAGEMENT OFFICER.—

4 (1) IN GENERAL.—Effective February 1, 2018,  
5 section 132a of title 10, United States Code, is  
6 amended to read as follows:

7 **“§ 132a. Chief Management Officer**

8 “(a) APPOINTMENT AND QUALIFICATIONS.—(1)  
9 There is a Chief Management Officer of the Department  
10 of Defense, appointed from civilian life by the President,  
11 by and with the advice and consent of the Senate.

12 “(2) The Chief Management Officer shall be ap-  
13 pointed from among persons who have an extensive man-  
14 agement or business background and experience with man-  
15 aging large or complex organizations. A person may not  
16 be appointed as Chief Management Officer within seven  
17 years after relief from active duty as a commissioned offi-  
18 cer of a regular component of an armed force.

19 “(b) RESPONSIBILITIES.—Subject to the authority,  
20 direction, and control of the Secretary of Defense and the  
21 Deputy Secretary of Defense, the Chief Management Offi-  
22 cer shall perform such duties and exercise such powers as  
23 the Secretary or the Deputy Secretary may prescribe, in-  
24 cluding the following:

25 “(1) Serving as the chief management officer of  
26 the Department of Defense with the mission of man-

1       aging enterprise business operations and shared  
2       services of the Department of Defense.

3               “(2) Serving as the principal advisor to the Sec-  
4       retary and the Deputy Secretary on establishing  
5       policies for, and directing, all enterprise business op-  
6       erations of the Department, including planning and  
7       processes, business transformation, performance  
8       measurement and management, and business infor-  
9       mation technology management and improvement  
10      activities and programs, including the allocation of  
11      resources for enterprise business operations and uni-  
12      fying business management efforts across the De-  
13      partment.

14              “(3) Exercising authority, direction, and control  
15      over the Defense Agencies and Department of De-  
16      fense Field Activities providing shared business serv-  
17      ices for the Department that are designated by the  
18      Secretary or the Deputy Secretary for purposes of  
19      this paragraph.

20              “(4) As of January 1, 2019—

21                      “(A) serving as the Chief Information Offi-  
22                      cer of the Department for purposes of section  
23                      2222 of this title;

24                      “(B) administering the responsibilities and  
25                      duties specified in sections 11315 and 11319 of



1 title 40, section 3506(a)(2) of title 44, and sec-  
2 tion 2223(a) of this title for business systems  
3 and management; and

4 “(C) Exercising any responsibilities, duties,  
5 and powers relating to business systems or  
6 management that are exercisable by a chief in-  
7 formation officer for the Department, other  
8 than those responsibilities, duties, and powers  
9 of a chief information officer that are vested in  
10 the Chief Information Officer of the Depart-  
11 ment of Defense by section 142 of this title.

12 “(5) Serving as the official with principal re-  
13 sponsibility in the Department for providing for the  
14 availability of common, usable, Defense-wide data  
15 sets with applications such as improving acquisition  
16 outcomes and personnel management.

17 “(6) Authority to direct the Secretaries of the  
18 military departments and the heads of all other ele-  
19 ments of the Department with regard to matters for  
20 which the Chief Management Officer has responsi-  
21 bility under this section.

22 “(c) PRECEDENCE.—The Chief Management Officer  
23 takes precedence in the Department of Defense after the  
24 Secretary of Defense and the Deputy Secretary of De-  
25 fense.

1       “(d) ENTERPRISE BUSINESS OPERATION DE-  
2 FINED.—In this section, the term ‘enterprise business op-  
3 erations’ means those activities that constitute the cross-  
4 cutting business operations used by multiple components  
5 of the Department of Defense, but not those activities that  
6 are directly tied to a single military department or Depart-  
7 ment of Defense component. The term includes business-  
8 support functions designated by the Secretary of Defense  
9 or the Deputy Secretary of Defense for purposes of this  
10 section, such as aspects of financial management,  
11 healthcare, acquisition and procurement, supply chain and  
12 logistics, certain information technology, real property,  
13 and human resources operations.”.

14           (2) CLERICAL AMENDMENT.—Effective Feb-  
15 ruary 1, 2018, the table of sections at the beginning  
16 of chapter 4 of title 10, United States Code, is  
17 amended by striking the item relating to section  
18 132a and inserting the following new item:

“132a. Chief Management Officer.”.

19       (b) CONFORMING REPEAL OF PRIOR AUTHORITIES  
20 ON CHIEF MANAGEMENT OFFICER.—

21           (1) IN GENERAL.—Effective on January 31,  
22 2018, subsection (c) of section 901 of the National  
23 Defense Authorization Act for Fiscal Year 2017  
24 (Public Law 114–328; 130 Stat. 2341; 10 U.S.C.  
25 131 note) is repealed, and the amendments to be

1 made by paragraph (4) of that subsection shall not  
2 be made.

3 (2) FURTHER CONFORMING AMENDMENTS.—  
4 Effective on February 1, 2018, section 132 of title  
5 10, United States Code, is amended—

6 (A) by striking subsection (c); and

7 (B) by redesignating subsection (d) as sub-  
8 section (c).

9 (c) CONFORMING AMENDMENTS ON PRECEDENCE IN  
10 DoD.—Effective on February 1, 2018, and immediately  
11 after the coming into effect of the amendments made by  
12 section 901 of the National Defense Authorization Act for  
13 Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2339;  
14 10 U.S.C. 131 note)—

15 (1) section 131(b) of title 10, United States  
16 Code, as amended by section 906(d)(1) of this Act,  
17 is further amended—

18 (A) by redesignating paragraphs (2)  
19 through (9) as paragraphs (3) through (10), re-  
20 spectively; and

21 (B) by inserting after paragraph (1) the  
22 following new paragraph (2):

23 “(2) The Chief Management Officer of the De-  
24 partment of Defense.”;

25 (2) section 133a(c) of such title is amended—

1 (A) in paragraph (1), by striking “and the  
2 Deputy Secretary of Defense” and inserting “,  
3 the Deputy Secretary of Defense, and the Chief  
4 Management Officer of the Department of De-  
5 fense”; and

6 (B) in paragraph (2), by inserting “the  
7 Chief Management Officer,” after “the Deputy  
8 Secretary,”; and

9 (3) section 133b(c) of such title is amended—

10 (A) in paragraph (1), by inserting “the  
11 Chief Management Officer of the Department  
12 of Defense,” after “the Deputy Secretary of  
13 Defense,”; and

14 (B) in paragraph (2), by inserting “the  
15 Chief Management Officer,” after “the Deputy  
16 Secretary,”.

17 (d) EXECUTIVE SCHEDULE LEVEL II.—Effective on  
18 February 1, 2018, and immediately after the coming into  
19 effect of the amendment made by section 901(h) of the  
20 National Defense Authorization Act for Fiscal Year 2017  
21 (Public Law 114–328; 130 Stat. 2342; 5 U.S.C. 5313  
22 note), section 5313 of title 5, United States Code, is  
23 amended by inserting before the item relating to the  
24 Under Secretary of Defense for Research and Engineering  
25 the following new item:

1           “Chief Management Officer of the Department  
2           of Defense.”.

3           (e) SERVICE OF INCUMBENT DEPUTY CHIEF MAN-  
4           AGEMENT OFFICER AS CHIEF MANAGEMENT OFFICER  
5           UPON COMMENCEMENT OF LATTER POSITION WITHOUT  
6           FURTHER APPOINTMENT.—The individual serving in the  
7           position of Deputy Chief Management Officer of the De-  
8           partment of Defense as of February 1, 2018, may con-  
9           tinue to serve as Chief Management Officer of the Depart-  
10          ment of Defense under section 132a of title 10, United  
11          States Code (as amended by subsection (a)), commencing  
12          as of that date without further appointment pursuant to  
13          such section 132a.

14          (f) DEFENSE AGENCIES AND FIELD ACTIVITIES  
15          PROVIDING SHARED BUSINESS SERVICES.—

16               (1) INITIAL REPORTING REQUIREMENT.—Not  
17               later than January 15, 2018, the Secretary of De-  
18               fense shall submit to the congressional defense com-  
19               mittees a report specifying each Defense Agency and  
20               Department of Defense Field Activity providing  
21               shared business services for the Department of De-  
22               fense that is to be designated by the Secretary of  
23               Defense or the Deputy Secretary of Defense for pur-  
24               poses of subsection (b)(3) of section 132a of title 10,

1 United States Code (as amended by subsection (a)),  
2 as of the coming into effect of such section 132a.

3 (2) NOTICE TO CONGRESS ON TRANSFER OF  
4 OVERSIGHT.—Upon the transfer to the Chief Man-  
5 agement Officer of the Department of Defense of re-  
6 sponsibility for oversight of shared business services  
7 of a Defense Agency or Department of Defense  
8 Field Activity specified in the report required by  
9 paragraph (1), the Secretary of Defense shall submit  
10 to the congressional defense committees a notice of  
11 the transfer, including the Defense Agency or Field  
12 Activity subject to the transfer and a description of  
13 the nature and scope of the responsibility for over-  
14 sight transferred.

15 **Subtitle B—Data Management and**  
16 **Analytics**

17 **SEC. 911. POLICY ON TREATMENT OF DEFENSE BUSINESS**  
18 **SYSTEM DATA RELATED TO BUSINESS OPER-**  
19 **ATIONS AND MANAGEMENT.**

20 (a) ESTABLISHMENT OF POLICY.—Not later than  
21 one year after the date of the enactment of this Act, the  
22 Secretary of Defense shall establish a data policy for the  
23 Department of Defense that mandates that any data con-  
24 tained in a defense business system related to business

1 operations and management is an asset of the Department  
2 of Defense.

3 (b) AVAILABILITY.—As part of the policy required by  
4 subsection (a), the Secretary of Defense shall ensure that,  
5 except as otherwise provided by law or regulation, data  
6 described in such subsection shall be made readily avail-  
7 able to members of the Office of the Secretary of Defense,  
8 the Joint Staff, the military departments, the combatant  
9 commands, the Defense Agencies, the Department of De-  
10 fense Field Activities, and all other offices, agencies, ac-  
11 tivities, and commands of the Department of Defense, as  
12 applicable.

13 **SEC. 912. TRANSPARENCY OF DEFENSE MANAGEMENT**  
14 **DATA.**

15 (a) COMMON ENTERPRISE DATA.—

16 (1) IN GENERAL.—Section 2222(e) of title 10,  
17 United States Code, is amended by adding at the  
18 end the following new paragraphs:

19 “(5) COMMON ENTERPRISE DATA.—The defense  
20 business enterprise shall include enterprise data that  
21 may be automatically extracted from the relevant  
22 systems to facilitate Department of Defense-wide  
23 analysis and management of its business operations.

24 “(6) ROLES AND RESPONSIBILITIES.—

1           “(A) The Chief Management Officer of the  
2 Department of Defense shall have primary deci-  
3 sion-making authority with respect to the devel-  
4 opment of common enterprise data. In consulta-  
5 tion with the Defense Business Council, the  
6 Chief Management Officer shall—

7           “(i) develop an associated data gov-  
8 ernance process; and

9           “(ii) oversee the preparation, extrac-  
10 tion, and provision of data across the de-  
11 fense business enterprise.

12           “(B) The Chief Management Officer and  
13 the Under Secretary of Defense (Comptroller)  
14 shall—

15           “(i) in consultation with the Defense  
16 Business Council, document and maintain  
17 any common enterprise data for their re-  
18 spective areas of authority;

19           “(ii) participate in any related data  
20 governance process;

21           “(iii) extract data from defense busi-  
22 ness systems as needed to support priority  
23 activities and analyses;

24           “(iv) when appropriate, ensure the  
25 source data is the same as that used to



1 produce the financial statements subject to  
2 annual audit;

3 “(v) in consultation with the Defense  
4 Business Council, provide access, except as  
5 otherwise provided by law or regulation, to  
6 such data to the Office of the Secretary of  
7 Defense, the Joint Staff, the military de-  
8 partments, the combatant commands, the  
9 Defense Agencies, the Department of De-  
10 fense Field Activities, and all other offices,  
11 agencies, activities, and commands of the  
12 Department of Defense; and

13 “(vi) ensure consistency of the com-  
14 mon enterprise data maintained by their  
15 respective organizations.

16 “(C) The Director of Cost Assessment and  
17 Program Evaluation shall have access to data  
18 for the purpose of executing missions as des-  
19 ignated by the Secretary of Defense.

20 “(D) The Secretary of Defense, the Chair-  
21 man of the Joint Chiefs of Staff, the Secre-  
22 taries of the military departments, commanders  
23 of combatant commands, the heads of the De-  
24 fense Agencies, the heads of the Department of  
25 Defense Field Activities, and the heads of all

1 other offices, agencies, activities, and commands  
2 of the Department of Defense shall provide ac-  
3 cess to the relevant system of such department,  
4 combatant command, Defense Agency, Defense  
5 Field Activity, or office, agency, activity, and  
6 command organization, as applicable, and data  
7 extracted from such system, for purposes of  
8 automatically populating data sets coded with  
9 common enterprise data.”.

10 (2) DEFINITIONS.—Section 2222(i) of title 10,  
11 United States Code, is amended by adding at the  
12 end the following new paragraphs:

13 “(10) COMMON ENTERPRISE DATA.—The term  
14 ‘common enterprise data’ means business operations  
15 or management-related data, generally from defense  
16 business systems, in a usable format that is auto-  
17 matically accessible by authorized personnel and or-  
18 ganizations.

19 “(11) DATA GOVERNANCE PROCESS.—The term  
20 ‘data governance process’ means a system to manage  
21 the timely Department of Defense-wide sharing of  
22 data described under subsection (a)(6)(A).”.

23 (b) DUTIES OF UNDER SECRETARY OF DEFENSE  
24 (COMPTROLLER).—Section 135(b) of title 10, United  
25 States Code, is amended in the second sentence by insert-

1 ing after “shall perform” the following: “the duties as-  
2 signed to the Under Secretary in section 2222 of this title  
3 and”.

4 (c) DUTIES OF DIRECTOR OF COST ASSESSMENT  
5 AND PROGRAM EVALUATION.—Section 139a(d) of title  
6 10, United States Code, is amended by adding at the end  
7 the following new paragraph:

8 “(9) Performing the duties assigned to the Di-  
9 rector in section 2222 of this title.”.

10 (d) IMPLEMENTATION PLAN FOR COMMON ENTER-  
11 PRISE DATA.—

12 (1) PLAN REQUIRED.—Not later than one year  
13 after the date of the enactment of this Act, the Dep-  
14 uty Secretary of Defense, acting through the Chief  
15 Management Officer of the Department of Defense,  
16 shall develop a plan to implement the amendments  
17 made by subsection (a).

18 (2) ELEMENTS.—At a minimum, the implemen-  
19 tation plan required by paragraph (1) shall include  
20 the following elements:

21 (A) The major tasks required to implement  
22 the requirements imposed by the amendments  
23 made by subsection (a) and the recommended  
24 time frames for each task.

1 (B) The estimated resources required to  
2 complete each major task identified pursuant to  
3 subparagraph (A).

4 (C) Any challenges associated with each  
5 major task identified pursuant to subparagraph  
6 (A) and related steps to mitigate such chal-  
7 lenge.

8 (D) A description of how data security  
9 issues will be appropriately addressed in the im-  
10 plementation of such requirements.

11 (E) A review of the curriculum taught at  
12 the National Defense University, the Defense  
13 Acquisition University, professional military  
14 educational institutions, and appropriate private  
15 sector academic institutions to determine the  
16 extent to which the curricula include appro-  
17 priate courses on data management, data ana-  
18 lytics and other evaluation-related methods.

19 (3) ROLE OF UNDER SECRETARY OF DEFENSE  
20 (COMPTROLLER).—The Under Secretary of Defense  
21 (Comptroller) shall ensure that the implementation  
22 plan required by paragraph (1) does not conflict  
23 with the financial statement audit priorities and  
24 timeline of the Department of Defense.

1           (4) SUBMISSION TO CONGRESS.—Upon comple-  
2           tion of the implementation plan required by para-  
3           graph (1), the Chief Management Officer shall sub-  
4           mit the plan to the congressional defense commit-  
5           tees.

6           (e) APPLICATION OF NEW AUTHORITIES RE-  
7           QUIRED.—

8           (1) DATA ANALYTICS CAPABILITY REQUIRED.—  
9           Not later than September 30, 2020, the Chief Man-  
10          agement Officer of the Department of Defense shall  
11          establish and maintain within the Department of  
12          Defense a data analytics capability for purposes of  
13          supporting enhanced oversight and management of  
14          the Defense Agencies and Department of Defense  
15          Field Activities.

16          (2) ELEMENTS.—The data analytics capability  
17          shall permit the following:

18                 (A) The maintenance on a continuing basis  
19                 of an accurate tabulation of the amounts ex-  
20                 pended by the Defense Agencies and Depart-  
21                 ment of Defense Field Activities on Government  
22                 and contractor personnel.

23                 (B) The maintenance on a continuing basis  
24                 of an accurate number of the personnel cur-  
25                 rently supporting the Defense Agencies and De-

1           partment of Defense Field Activities, including  
2           the following:

3                   (i) Members of the regular compo-  
4                   nents of the Armed Forces.

5                   (ii) Members of the reserve compo-  
6                   nents of the Armed Forces.

7                   (iii) Civilian employees of the Depart-  
8                   ment of Defense.

9                   (iv) Detailees, whether from another  
10                  organization or element of the Department  
11                  or from another department or agency of  
12                  the Federal Government.

13                (C) The tracking of costs for employing  
14                contract personnel, including federally funded  
15                research and development centers.

16                (D) The maintenance on a continuing  
17                basis of the following:

18                   (i) An identification of the functions  
19                   being performed by each Defense Agency  
20                   and Department of Defense Field Activity.

21                   (ii) An accurate tabulation of the  
22                   amounts being expended by each Defense  
23                   Agency and Department of Defense Field  
24                   Activity on its functions.

25                (3) REPORTING REQUIREMENTS.—

1 (A) INTERIM REPORT.—Not later than one  
2 year after the date of the enactment of this Act,  
3 the Chief Management Officer of the Depart-  
4 ment of Defense shall submit to the congress-  
5 sional defense committees a report on progress  
6 in establishing the data analytics capability.  
7 The report shall include the following:

8 (i) A description and assessment of  
9 the efforts of the Chief Management Offi-  
10 cer through the date of the report to estab-  
11 lish the data analytics capability.

12 (ii) A description of current gaps in  
13 the data required to establish the data  
14 analytics capability, and a description of  
15 the efforts to be undertaken to eliminate  
16 such gaps.

17 (B) FINAL REPORT.—Not later than De-  
18 cember 31, 2020, the Chief Management Offi-  
19 cer shall submit to the congressional defense  
20 committees a report on the data analytics capa-  
21 bility as established pursuant to this section.

22 (f) ADDITIONAL PILOT PROGRAMS REQUIRED.—

23 (1) IN GENERAL.—The Secretary of Defense  
24 shall carry out pilot programs to develop data inte-  
25 gration strategies for the Department of Defense to

1 address high-priority management challenges of the  
2 Department.

3 (2) ELEMENTS.—The pilot programs carried  
4 out under the authority of this subsection shall in-  
5 volve data integration strategies to address chal-  
6 lenges of the Department with respect to the fol-  
7 lowing:

8 (A) The budget of the Department.

9 (B) Logistics.

10 (C) Personnel security and insider threats.

11 (D) At least two other high-priority chal-  
12 lenges of the Department identified by the Sec-  
13 retary for purposes of this subsection.

14 (3) REPORT ON PILOT PROGRAMS.—Not later  
15 than one year after the date of the enactment of this  
16 Act, the Secretary of Defense shall submit to the  
17 congressional defense committees a report describing  
18 the pilot programs to be carried out under this sec-  
19 tion, including the challenge of the Department to  
20 be addressed by the pilot program and the manner  
21 in which the data integration strategy under the  
22 pilot program will address the challenge. If any pro-  
23 posed pilot program requires legislative action for  
24 the waiver or modification of a statutory require-  
25 ment that otherwise prevents or impedes the imple-



1       mentation of the pilot program, the Secretary shall  
2       include in the report a recommendation for legisla-  
3       tive action to waive or modify the statutory require-  
4       ment.

5 **SEC. 913. ESTABLISHMENT OF SET OF ACTIVITIES THAT**  
6                   **USE DATA ANALYSIS, MEASUREMENT, AND**  
7                   **OTHER EVALUATION-RELATED METHODS TO**  
8                   **IMPROVE ACQUISITION PROGRAM OUT-**  
9                   **COMES.**

10       (a) ESTABLISHMENT REQUIRED.—Not later than  
11 one year after the date of the enactment of this Act, the  
12 Secretary of Defense shall establish a set of activities that  
13 use data analysis, measurement, and other evaluation-re-  
14 lated methods to improve the acquisition outcomes of the  
15 Department of Defense and enhance organizational learn-  
16 ing.

17       (b) TYPES OF ACTIVITIES.—The set of activities es-  
18 tablished under subsection (a) may include any or all of  
19 the following: —

20           (1) Establishment of data analytics capabilities  
21       and organizations within an Armed Force.

22           (2) Development of capabilities in Department  
23       of Defense laboratories, test centers, and federally  
24       funded research and development centers to provide  
25       technical support for data analytics activities that

1 support acquisition program management and busi-  
2 ness process re-engineering activities.

3 (3) Increased use of existing analytical capabili-  
4 ties available to acquisition programs and offices to  
5 support improved acquisition outcomes.

6 (4) Funding of intramural and extramural re-  
7 search and development activities to develop and im-  
8 plement data analytics capabilities in support of im-  
9 proved acquisition outcomes.

10 (5) Publication, to the maximum extent prac-  
11 ticable, and in a manner that protects classified and  
12 proprietary information, of data collected by the De-  
13 partment of Defense related to acquisition program  
14 costs and activities for access and analyses by the  
15 general public or Department research and edu-  
16 cation organizations.

17 (6) Promulgation by the Chief of Staff of the  
18 Army, the Chief of Naval Operations, the Chief of  
19 Staff of the Air Force, and the Commandant of the  
20 Marine Corps, in coordination with the Deputy Sec-  
21 retary of Defense, the Under Secretary of Defense  
22 for Research and Engineering, and the Under Sec-  
23 retary for Acquisition and Sustainment, of a con-  
24 sistent policy as to the role of data analytics in es-

1        tablishing budgets and making milestone decisions  
2        for major defense acquisition programs.

3            (7) Continual assessment, in consultation with  
4        the private sector, of the efficiency of current data  
5        collection and analyses processes, so as to minimize  
6        the requirement for collection and delivery of data  
7        by, from, and to Government organizations.

8            (8) Promulgation of guidance to acquisition  
9        programs and activities on the efficient use, quality,  
10       and sharing of enterprise data between programs  
11       and organizations to improve acquisition program  
12       analytics and outcomes.

13           (9) Establishment of focused research and edu-  
14       cational activities at the Defense Acquisition Univer-  
15       sity, and appropriate private sector academic institu-  
16       tions, to support enhanced use of data management,  
17       data analytics, and other evaluation-related methods  
18       to improve acquisition outcomes.

1 **Subtitle C—Organization of Other**  
2 **Department of Defense Offices**  
3 **and Elements**

4 **SEC. 921. QUALIFICATIONS FOR APPOINTMENT OF ASSIST-**  
5 **ANT SECRETARIES OF THE MILITARY DE-**  
6 **PARTMENTS FOR FINANCIAL MANAGEMENT.**

7 (a) ASSISTANT SECRETARY OF THE ARMY.—Section  
8 3016(b)(4) of title 10, United States Code, is amended—

9 (1) by inserting “(A)” after “(4)”;

10 (2) by striking “The Assistant Secretary shall  
11 have as his principal responsibility” and inserting  
12 the following:

13 “(C) The principal responsibility of the Assistant Sec-  
14 retary shall be”; and

15 (3) by inserting after subparagraph (A), as des-  
16 igned by paragraph (1), the following new sub-  
17 paragraph (B):

18 “(B) The Assistant Secretary shall be appointed from  
19 among persons who have significant budget, financial  
20 management, or audit experience in complex organiza-  
21 tions.”.

22 (b) ASSISTANT SECRETARY OF THE NAVY.—Section  
23 5016(b)(3) of title 10, United States Code, is amended—

24 (1) by inserting “(A)” after “(3)”;

1           (2) by striking “The Assistant Secretary shall  
2           have as his principal responsibility” and inserting  
3           the following:

4           “(C) The principal responsibility of the Assistant Sec-  
5           retary shall be”; and

6           (3) by inserting after subparagraph (A), as des-  
7           ignated by paragraph (1), the following new sub-  
8           paragraph (B):

9           “(B) The Assistant Secretary shall be appointed from  
10          among persons who have significant budget, financial  
11          management, or audit experience in complex organiza-  
12          tions.”.

13          (c) ASSISTANT SECRETARY OF THE AIR FORCE.—  
14          Section 8016(b)(3) of title 10, United States Code, is  
15          amended—

16                 (1) by inserting “(A)” after “(3)”;

17                 (2) by striking “The Assistant Secretary shall  
18                 have as his principal responsibility” and inserting  
19                 the following:

20                 “(C) The principal responsibility of the Assistant Sec-  
21                 retary shall be”; and

22                 (3) by inserting after subparagraph (A), as des-  
23                 ignated by paragraph (1), the following new sub-  
24                 paragraph (B):

1           “(B) The Assistant Secretary shall be appointed from  
2 among persons who have significant budget, financial  
3 management, or audit experience in complex organiza-  
4 tions.”.

5           (d) APPLICABILITY.—The appointment qualifications  
6 imposed by the amendments made by this section shall  
7 apply with respect to an appointment as an Assistant Sec-  
8 retary of a military department for financial management  
9 that is made on or after the date of the enactment of this  
10 Act.

11 **SEC. 922. MANNER OF CARRYING OUT REDUCTIONS IN**  
12                           **MAJOR DEPARTMENT OF DEFENSE HEAD-**  
13                           **QUARTERS ACTIVITIES PURSUANT TO HEAD-**  
14                           **QUARTERS REDUCTION PLAN.**

15           Section 346(b) of the National Defense Authorization  
16 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.  
17 796; 10 U.S.C. 111 note) is amended by adding at the  
18 end the following new paragraph:

19                           “(5) MANNER OF CARRYING OUT REDUC-  
20                           TIONS.—

21   “(A) IN GENERAL.—The Secretary of De-  
22   fense shall implement the headquarters reduc-  
23   tion plan referred to in paragraph (1), as modi-  
24   fied pursuant to that paragraph, so that reduc-  
25   tions in major Department of Defense head-

1           quarters activities pursuant to the plan are car-  
2           ried out only after consideration of—

3                   “(i) the current manpower levels of  
4                   major Department of Defense head-  
5                   quarters activities;

6                   “(ii) the historic manpower levels of  
7                   major Department of Defense head-  
8                   quarters activities;

9                   “(iii) the mission requirements of  
10                  major Department of Defense head-  
11                  quarters activities; and

12                  “(iv) the anticipated staffing needs of  
13                  major Department of Defense head-  
14                  quarters activities necessary to meet na-  
15                  tional defense objectives.

16                  “(B) CONFORMING MODIFICATION OF  
17                  PLAN FOR ACHIEVEMENT OF COST SAVINGS.—  
18                  The Secretary of Defense shall modify the plan  
19                  for achievement of cost savings required by sub-  
20                  section (a) to take into account the requirement  
21                  specified in subparagraph (A).”.

1 **SEC. 923. CERTIFICATIONS ON COST SAVINGS ACHIEVED BY**  
2 **REDUCTIONS IN MAJOR DEPARTMENT OF DE-**  
3 **FENSE HEADQUARTERS ACTIVITIES.**

4 Section 346(b) of the National Defense Authorization  
5 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.  
6 796 10 U.S.C. 111 note), as amended by section 922, is  
7 further amended by adding at the end the following new  
8 paragraph:

9 “(6) CERTIFICATIONS ON COST SAVINGS  
10 ACHIEVED.—Not later than 120 days after the date  
11 of the enactment of this paragraph, and not later  
12 than 60 days after the end of each of fiscal years  
13 2018 through 2020, the Director of Cost Assess-  
14 ment and Program Evaluation shall certify to the  
15 Secretary of Defense, and to the congressional de-  
16 fense committees, the following:

17 “(A) The validity of the cost savings  
18 achieved for each major Department of Defense  
19 headquarters activity during the previous fiscal  
20 year, including the cost of personnel detailed by  
21 another Department entity to the headquarters  
22 activity.

23 “(B) Whether the cost savings achieved for  
24 each major Department of Defense head-  
25 quarters activity during that fiscal year met the  
26 savings objective for the headquarters activity



1 for that fiscal year, as established pursuant to  
2 paragraph (1).”.

3 **SEC. 924. CORROSION CONTROL AND PREVENTION EXECU-**  
4 **TIVES MATTERS.**

5 (a) SCOPE AND LEVEL OF POSITIONS.—Section  
6 903(a) of the Duncan Hunter National Defense Author-  
7 ization Act for Fiscal Year 2009 (Public Law 110–417;  
8 10 U.S.C. 2228 note) is amended—

9 (1) by striking “shall be the senior official” and  
10 inserting “shall be a senior official”; and

11 (2) by adding at the end the following new sen-  
12 tence: “Each individual so designated shall be a sen-  
13 ior civilian employee of the military department con-  
14 cerned in pay grade GS–15 or higher.”.

15 (b) QUALIFICATIONS.—Section 903 of the Duncan  
16 Hunter National Defense Authorization Act for Fiscal  
17 Year 2009 (Public Law 110–417; 10 U.S.C. 2228 note)  
18 is further amended—

19 (1) by redesignating subsection (b) as sub-  
20 section (c); and

21 (2) by inserting after subsection (a) the fol-  
22 lowing new subsection (b):

23 “(b) QUALIFICATIONS.—Any individual designated as  
24 a corrosion control and prevention executive of a military  
25 department pursuant to subsection (a) shall—

1           “(1) have a working knowledge of corrosion  
2 prevention and control;

3           “(2) have strong program management and  
4 communication skills; and

5           “(3) understand the acquisition, research, de-  
6 velopment, test, and evaluation, and sustainment  
7 policies and procedures of the military department,  
8 including for the sustainment of infrastructure.”.

9 **SEC. 925. BACKGROUND AND SECURITY INVESTIGATIONS**  
10 **FOR DEPARTMENT OF DEFENSE PERSONNEL.**

11 (a) **TRANSITION TO DISCHARGE BY DEFENSE SECU-**  
12 **RITY SERVICE.—**

13 (1) **SECRETARIAL AUTHORITY.—**The Secretary  
14 of Defense has the authority to conduct security,  
15 suitability, and credentialing background investiga-  
16 tions for Department of Defense personnel. In car-  
17 rying out such authority, the Secretary may use  
18 such authority, or may delegate such authority to  
19 another entity.

20 (2) **PHASED TRANSITION.—**As part of providing  
21 for the conduct of background investigations initi-  
22 ated by the Department of Defense through the De-  
23 fense Security Service by not later than the deadline  
24 specified in subsection (b), the Secretary shall, in  
25 consultation with the Director of the Office of Per-

1       sonnel Management, provide for a phased transition  
2       from the conduct of such investigations by the Na-  
3       tional Background Investigations Bureau of the Of-  
4       fice of Personnel Management to the conduct of  
5       such investigations by the Defense Security Service  
6       by that deadline.

7               (3) TRANSITION ELEMENTS.—The phased tran-  
8       sition required by paragraph (2) shall—

9                       (A) provide for the transition of the con-  
10       duct of investigations to the Defense Security  
11       Service using a risk management approach; and

12                      (B) be consistent with the transition from  
13       legacy information technology operated by the  
14       Office of Personnel Management to the new in-  
15       formation technology, including the National  
16       Background Investigations System, as described  
17       in subsection (f).

18       (b) COMMENCEMENT OF IMPLEMENTATION PLAN  
19       FOR ONGOING DISCHARGE OF INVESTIGATIONS THROUGH  
20       DSS.—Not later than October 1, 2020, the Secretary of  
21       Defense shall commence carrying out the implementation  
22       plan developed pursuant to section 951(a)(1) of the Na-  
23       tional Defense Authorization Act for Fiscal Year 2017  
24       (Public Law 114–328; 130 Stat. 2371; 10 U.S.C. 1564  
25       note).

1 (c) TRANSFER OF CERTAIN FUNCTIONS WITHIN  
2 DoD TO DSS.—

3 (1) TRANSFER REQUIRED.—For purposes of  
4 meeting the requirements in subsections (a) and (b),  
5 the Secretary of Defense shall transfer to the De-  
6 fense Security Service the functions, personnel, and  
7 associated resources of the following organizations:

8 (A) The Consolidated Adjudications Facil-  
9 ity.

10 (B) Other organizations identified by the  
11 Secretary for purposes of this paragraph.

12 (2) SUPPORTING ORGANIZATIONS.—In addition  
13 to the organizations identified pursuant to para-  
14 graph (1), the following organizations shall prioritize  
15 resources to directly support the execution of re-  
16 quirements in subsections (a) and (b):

17 (A) The Office of Cost Analysis and Pro-  
18 gram Evaluation.

19 (B) The Defense Digital Service.

20 (C) Other organizations designated by the  
21 Secretary for purposes of this paragraph.

22 (3) TIMING AND MANNER OF TRANSFER.—The  
23 Secretary—

24 (A) may carry out the transfer required by  
25 paragraph (1) at any time before the date spec-

1           ified in subsection (b) that the Secretary con-  
2           siders appropriate for purposes of this section;  
3           and

4                   (B) shall carry out the transfer in a man-  
5           ner designed to minimize disruptions to the  
6           conduct of background investigations for per-  
7           sonnel of the Department of Defense.

8           (d) TRANSFER OF CERTAIN FUNCTIONS IN OPM TO  
9           DSS.—

10                   (1) IN GENERAL.—For purposes of meeting the  
11           requirements in subsections (a) and (b), the Sec-  
12           retary of Defense shall provide for the transfer of  
13           the functions described in paragraph (2), and any  
14           associated personnel and resources, to the Depart-  
15           ment of Defense.

16                   (2) FUNCTIONS.—The functions to be trans-  
17           ferred pursuant to paragraph (1) are the following:

18                           (A) Any personnel security investigations  
19           functions transferred by the Secretary to the  
20           Director of the Office of Personnel Management  
21           pursuant to section 906 of the National De-  
22           fense Authorization Act for Fiscal Year 2004  
23           (Public Law 108–136; 5 U.S.C. 1101 note).

24                           (B) Any other functions of the Office of  
25           Personnel Management in connection with

1 background investigations initiated by the De-  
2 partment of Defense that the Secretary and the  
3 Director jointly consider appropriate.

4 (3) ASSESSMENT.—In carrying out the transfer  
5 of functions pursuant to paragraph (1), the Sec-  
6 retary shall conduct a comprehensive assessment of  
7 workforce requirements for both the Department of  
8 Defense and the National Background Investigations  
9 Bureau synchronized to the transition plan, includ-  
10 ing a forecast of workforce needs across the current  
11 future-years defense plan for the Department. Not  
12 later than 180 days after the date of the enactment  
13 of this Act, the Secretary shall submit to the appro-  
14 priate congressional committees a report containing  
15 the results of the assessment.

16 (4) CONSULTATION.—The Secretary shall carry  
17 out paragraphs (1), (2), and (3) in consultation with  
18 the Director of the Office of Personnel Management  
19 and the Director of the Office of Management and  
20 Budget.

21 (5) LOCATION WITHIN DOD.—Any functions  
22 transferred to the Department of Defense pursuant  
23 to this subsection shall be located within the Defense  
24 Security Service.

1 (e) CONDUCT OF CERTAIN ACTIONS.—For purposes  
2 of the conduct of background investigations following the  
3 commencement of carrying out the implementation plan  
4 referred to in subsection (b), the Secretary of Defense  
5 shall provide for the following:

6 (1) A single capability for the centralized fund-  
7 ing, submissions, and processing of all background  
8 investigations, from within the Defense Security  
9 Service.

10 (2) The discharge by the Consolidated Adju-  
11 dications Facility, from within the Defense Security  
12 Service pursuant to transfer under subsection (c), of  
13 adjudications in connection with the following:

14 (A) Background investigations.

15 (B) Continuous evaluation and vetting  
16 checks.

17 (f) ENHANCEMENT OF INFORMATION TECHNOLOGY  
18 CAPABILITIES OF NBIS.—

19 (1) IN GENERAL.—The Secretary of Defense  
20 shall conduct a review of the information technology  
21 capabilities of the National Background Investiga-  
22 tions System in order to determine whether enhance-  
23 ments to such capabilities are required for the fol-  
24 lowing:

1           (A) Support for background investigations  
2           pursuant to this section and section 951 of the  
3           National Defense Authorization Act for Fiscal  
4           Year 2017 (Public Law 114–328; 130 Stat.  
5           2371; 10 U.S.C. 1564 note).

6           (B) Support of the National Background  
7           Investigations Bureau.

8           (C) Execution of the conduct of back-  
9           ground investigations initiated by the Depart-  
10          ment of Defense pursuant to this section, in-  
11          cluding submissions and adjudications.

12          (2) COMMON COMPONENT.—In providing for  
13          the transition and operation of the National Back-  
14          ground Investigations System as described in para-  
15          graph (1)(C), the Secretary shall develop a common  
16          component of the System usable for background in-  
17          vestigations by both the Defense Security Service  
18          and the National Background Investigations Bu-  
19          reau.

20          (3) ENHANCEMENTS.—If the review pursuant  
21          to paragraph (1) determines that enhancements de-  
22          scribed in that paragraph are required, the Sec-  
23          retary shall carry out such enhancements.



1           (4) CONSULTATION.—The Secretary shall carry  
2           out this subsection in consultation with the Director  
3           of the Office of Personnel Management.

4           (g) USE OF CERTAIN PRIVATE INDUSTRY DATA.—  
5           In carrying out background and security investigations  
6           pursuant to this section and section 951 of the National  
7           Defense Authorization Act for Fiscal Year 2017 (Public  
8           Law 114–328; 130 Stat. 2371; 10 U.S.C. 1564 note), the  
9           Secretary of Defense may use background materials col-  
10          lected on individuals by the private sector, in accordance  
11          with national policies and standards, that are applicable  
12          to such investigations, including materials as follows:

13           (1) Financial information, including credit  
14           scores and credit status.

15           (2) Criminal records.

16           (3) Drug screening.

17           (4) Verifications of information on resumes and  
18           employment applications, such as previous employ-  
19           ers, educational achievement, and educational insti-  
20           tutions attended.

21           (5) Other publicly available electronic informa-  
22           tion.

23           (h) SECURITY CLEARANCES FOR CONTRACTOR PER-  
24           SONNEL.—

1           (1) IN GENERAL.—The Secretary of Defense  
2 shall review the requirements of the Department of  
3 Defense relating to position sensitivity designations  
4 for contractor personnel in order to determine  
5 whether such requirements may be reassessed or  
6 modified to reduce the number and range of con-  
7 tractor personnel who are issued security clearances  
8 in connection with work under contracts with the  
9 Department.

10           (2) GUIDANCE.—The Secretary shall issue  
11 guidance to program managers, contracting officers,  
12 and security personnel of the Department specifying  
13 requirements for the review of contractor position  
14 sensitivity designations and the number of con-  
15 tractor personnel of the Department who are issued  
16 security clearances for the purposes of determining  
17 whether the number of such personnel who are  
18 issued security clearances should and can be re-  
19 duced.

20           (i) PERSONNEL TO SUPPORT THE TRANSFER OF  
21 FUNCTIONS.—The Secretary of Defense shall authorize  
22 the Director of the Defense Security Service to promptly  
23 increase the number of personnel of the Defense Security  
24 Service for the purpose of beginning the establishment and  
25 expansion of investigative capacity to support the phased

1 transfer of investigative functions from the Office of Per-  
2 sonnel Management to the Department of Defense under  
3 this section. The Director of Cost Analysis and Program  
4 Assessment shall advise the Secretary on the size of the  
5 initial investigative workforce and the rate of growth of  
6 that workforce.

7 (j) REPORT ON FUTURE PERIODIC REINVESTIGA-  
8 TIONS, INSIDER THREAT, AND CONTINUOUS VETTING.—

9 (1) REPORT REQUIRED.—Not later than 90  
10 days after the date of the enactment of this Act, the  
11 Secretary of Defense shall submit to the appropriate  
12 congressional committees a report that includes the  
13 following:

14 (A) An assessment of the feasibility and  
15 advisability of periodic reinvestigations of back-  
16 grounds of Government and contractor per-  
17 sonnel with security clearances, including les-  
18 sons from all of the continuous evaluation pilots  
19 being conducted throughout the Government,  
20 and identification of new or additional data  
21 sources and data analytic tools needed for im-  
22 proving current continuous evaluation or vetting  
23 capabilities.

24 (B) A plan to provide the Government with  
25 an enhanced risk management model that re-

1           duces the gaps in coverage perpetuated by the  
2           current time-based periodic reinvestigations  
3           model, particularly in light of the increasing use  
4           of continuous background evaluations of per-  
5           sonnel referred to in subparagraph (A).

6           (C) A plan for expanding continuous back-  
7           ground vetting capabilities, such as the Installa-  
8           tion Matching Engine for Security and Anal-  
9           ysis, to the broader population, including those  
10          at the lowest tiers and levels of access, which  
11          plan shall include details to ensure that all indi-  
12          viduals credentialed for physical access to De-  
13          partment of Defense facilities and installations  
14          are vetted to the same level of fitness deter-  
15          minations and subject to appropriate contin-  
16          uous vetting.

17          (D) A plan to fully integrate and incor-  
18          porate insider threat data, tools, and capabili-  
19          ties into the new end-to-end vetting processes  
20          and supporting information technology estab-  
21          lished by the Defense Security Service to ensure  
22          a holistic and transformational approach to de-  
23          tecting, deterring, and mitigating threats posed  
24          by trusted insiders.

1           (2) CONSULTATION.—The Secretary shall pre-  
2           pare the report under paragraph (1) in consultation  
3           with the Director of National Intelligence and the  
4           Director of the Office of Personnel Management.

5           (k) QUARTERLY AND ANNUAL BRIEFINGS AND RE-  
6           PORTS.—

7           (1) ANNUAL ASSESSMENT OF TIMELINESS.—  
8           Not later than December 31, 2018, and each De-  
9           cember 31 thereafter through the date specified in  
10          paragraph (4), the Security Executive Agent, in co-  
11          ordination with the Chair and other Principals of  
12          the Security, Suitability, and Credentialing Perform-  
13          ance Accountability Council, shall submit to the ap-  
14          propriate committees of Congress a report on the  
15          timeliness of personnel security clearance initiations,  
16          investigations, and adjudications, by clearance level,  
17          for both initial investigations and periodic reinves-  
18          tigations during the prior fiscal year for Government  
19          and contractor employees, including the following:

20                   (A) The average periods of time taken by  
21                   each authorized investigative agency and au-  
22                   thorized adjudicative agency to initiate cases,  
23                   conduct investigations, and adjudicate cases as  
24                   compared with established timeliness objectives,  
25                   from the date a completed security clearance

1 application is received to the date of adjudica-  
2 tion and notification to the subject and the sub-  
3 ject's employer.

4 (B) The number of initial investigations  
5 and periodic reinvestigations initiated and adju-  
6 dicated by each authorized adjudicative agency.

7 (C) The number of initial investigations  
8 and periodic reinvestigations carried over from  
9 prior fiscal years by each authorized investiga-  
10 tive and adjudicative agency.

11 (D) The number of initial investigations  
12 and periodic reinvestigations that resulted in a  
13 denial or revocation of a security clearance by  
14 each authorized adjudicative agency.

15 (E) The costs to the executive branch re-  
16 lated to personnel security clearance initiations,  
17 investigations, adjudications, revocations, and  
18 continuous evaluation.

19 (F) A discussion of any impediments to  
20 the timely processing of personnel security  
21 clearances.

22 (G) The number of clearance holders en-  
23 rolled in continuous evaluation and the numbers  
24 and types of adverse actions taken as a result  
25 by each authorized adjudicative agency.

1           (H) The number of personnel security  
2 clearance cases, both initial investigations and  
3 periodic reinvestigations, awaiting or under in-  
4 vestigation by the National Background Inves-  
5 tigation Bureau.

6           (I) Other information as appropriate, in-  
7 cluding any recommendations to improve the  
8 timeliness and efficiency of personnel security  
9 clearance initiations, investigations, and adju-  
10 dications.

11           (2) QUARTERLY BRIEFINGS.—Not later than  
12 the end of each calendar-year quarter beginning  
13 after January 1, 2018, through the date specified in  
14 paragraph (4), the Secretary of Defense shall pro-  
15 vide the appropriate congressional committees a  
16 briefing on the progress of the Secretary in carrying  
17 out the requirements of this section during that cal-  
18 endar-year quarter. Until the backlog of security  
19 clearance applications at the National Background  
20 Investigation Bureau is eliminated, each quarterly  
21 briefing shall also include the current status of the  
22 backlog and the resulting mission and resource im-  
23 pact to the Department of Defense and the defense  
24 industrial base. Until the phased transition described  
25 in subsection (a) is complete, each quarterly briefing

1 shall also include identification of any resources  
2 planned for movement from the National Back-  
3 ground Investigations Bureau to the Department of  
4 Defense during the next calendar-year quarter.

5 (3) ANNUAL REPORTS.—Not later than Decem-  
6 ber 31, 2018, and each December 31 thereafter  
7 through the date specified in paragraph (4), the Sec-  
8 retary of Defense shall submit to the appropriate  
9 congressional committees a report on the following  
10 for the calendar year in which the report is to be  
11 submitted:

12 (A) The status of the Secretary in meeting  
13 the requirements in subsections (a), (b), and  
14 (c).

15 (B) The status of any transfers to be car-  
16 ried out pursuant to subsection (d).

17 (C) An assessment of the personnel secu-  
18 rity capabilities of the Department of Defense.

19 (D) The average periods of time taken by  
20 each authorized investigative agency and au-  
21 thorized adjudicative agency to initiate cases,  
22 conduct investigations, and adjudicate cases as  
23 compared with established timeliness objectives,  
24 from the date a completed security clearance  
25 application is received to the date of adjudica-



1           tion and notification to the subject and the sub-  
2           ject's employer.

3           (E) The number of initial investigations  
4           and periodic reinvestigations initiated and adjudi-  
5           cated by each authorized adjudicative agency.

6           (F) The number of initial investigations  
7           and periodic reinvestigations carried over from  
8           prior fiscal years by each authorized investiga-  
9           tive and adjudicative agency.

10          (G) The number of initial investigations  
11          and periodic reinvestigations that resulted in a  
12          denial or revocation of a security clearance by  
13          each authorized adjudicative agency.

14          (H) The costs to the Department of De-  
15          fense related to personnel security clearance ini-  
16          tiations, investigations, adjudications, revoca-  
17          tions, and continuous evaluation.

18          (I) A discussion of any impediments to the  
19          timely processing of personnel security clear-  
20          ances.

21          (J) The number of clearance holders en-  
22          rolled in continuous evaluation and the numbers  
23          and types of adverse actions taken as a result.

24          (K) The number of personnel security  
25          clearance cases, both initial investigations and

1 periodic reinvestigations, awaiting or under in-  
2 vestigation by the National Background Inves-  
3 tigation Bureau.

4 (L) Other information that the Secretary  
5 considers appropriate, including any rec-  
6 ommendations to improve the timeliness and ef-  
7 ficiency of personnel security clearance initi-  
8 ations, investigations, and adjudications.

9 (4) TERMINATION.—No briefing or report is re-  
10 quired under this subsection after December 31,  
11 2021.

12 (I) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
13 FINED.—In this section, the term “appropriate congres-  
14 sional committees” means—

15 (1) the Committees on Armed Services, Appro-  
16 priations, Homeland Security and Governmental Af-  
17 fairs, and the Select Committee on Intelligence of  
18 the Senate; and

19 (2) the Committees on Armed Services, Appro-  
20 priations, Oversight and Government Reform, and  
21 the Permanent Select Committee on Intelligence of  
22 the House of Representatives.

1                   **Subtitle D—Miscellaneous**  
2                   **Reporting Requirements**

3   **SEC. 931. ADDITIONAL ELEMENTS IN REPORTS ON POLICY,**  
4                   **ORGANIZATION, AND MANAGEMENT GOALS**  
5                   **OF THE SECRETARY OF DEFENSE FOR THE**  
6                   **DEPARTMENT OF DEFENSE.**

7           Section 912(a)(2) of the National Defense Authoriza-  
8   tion Act for Fiscal Year 2017 (Public Law 114–328; 130  
9   Stat. 2349) is amended by adding at the end the following  
10   new subparagraphs:

11                   “(D) A civilian operating force structure  
12                   sized for operational effectiveness that is  
13                   manned, equipped, and trained to support de-  
14                   ployment time and rotation ratios that sustain  
15                   the readiness and needed retention levels of the  
16                   regular and reserve components of the Armed  
17                   Forces.

18                   “(E) The hiring authorities and other ac-  
19                   tions that the Secretary of Defense or the Sec-  
20                   retaries of the military departments will take to  
21                   eliminate any gaps between desired pro-  
22                   grammed civilian workforce levels and the cur-  
23                   rent size of the civilian workforce, set forth by  
24                   mission and functional area.”.

1 **SEC. 932. REPORT AND SENSE OF CONGRESS ON RESPONSIBI-**  
2 **LITY FOR DEVELOPMENTAL TEST AND**  
3 **EVALUATION WITHIN THE OFFICE OF THE**  
4 **SECRETARY OF DEFENSE.**

5 (a) REPORT ON PLANS TO ADDRESS DEVELOP-  
6 MENTAL TEST AND EVALUATION RESPONSIBILITIES  
7 WITHIN THE OFFICE OF THE SECRETARY OF DE-  
8 FENSE.—

9 (1) IN GENERAL.—Not later than 60 days after  
10 the date of the enactment of this Act, the Secretary  
11 of Defense shall submit to the Committees on Armed  
12 Services of the Senate and the House of Representa-  
13 tives a report containing a strategy to ensure that  
14 there is sufficient expertise, oversight, and policy di-  
15 rection on developmental test and evaluation within  
16 the Office of the Secretary of Defense after the com-  
17 pletion of the reorganization of such Office required  
18 under section 901 of the National Defense Author-  
19 ization Act for Fiscal Year 2017 (Public Law 114–  
20 328; 130 Stat. 2339).

21 (2) ELEMENTS.—The report required by para-  
22 graph (1) shall address the following:

23 (A) The structure of the roles and respon-  
24 sibilities of the senior Department of Defense  
25 official responsible for developmental test and

1 evaluation, as distinct from operational test and  
2 evaluation or systems engineering.

3 (B) The location of the senior Department  
4 of Defense official responsible for developmental  
5 test and evaluation within the organizational  
6 structure of the Office of the Secretary of De-  
7 fense.

8 (C) An estimate of personnel and other re-  
9 sources that should be made available to the  
10 senior Department of Defense official respon-  
11 sible for developmental test and evaluation to  
12 ensure that such official can provide inde-  
13 pendent expertise, oversight, and policy direc-  
14 tion and guidance Department of Defense-wide.

15 (D) Methods to ensure that the senior De-  
16 partment of Defense official responsible for de-  
17 velopmental test and evaluation will be empow-  
18 ered to facilitate Department of Defense-wide  
19 efficiencies by helping programs to optimize test  
20 designs and activities, including ensuring access  
21 to program data and participation in acquisi-  
22 tion program oversight.

23 (E) Methods to ensure that an advocate  
24 for test and evaluation workforce will continue  
25 to exist within the acquisition workforce.

1 (b) SENSE OF CONGRESS.—It is the sense of Con-  
2 gress that—

3 (1) developmental testing is critical to reducing  
4 acquisition program risk by providing valuable infor-  
5 mation to support sound decision making;

6 (2) major defense acquisition programs often do  
7 not conduct enough developmental testing, so too  
8 many problems are first identified during oper-  
9 ational testing, when they are expensive and time-  
10 consuming to fix; and

11 (3) in order to ensure that effective develop-  
12 mental testing is conducted on major defense acqui-  
13 sition programs, the Secretary of Defense should—

14 (A) carefully consider where the senior De-  
15 partment of Defense official responsible for de-  
16 velopmental test and evaluation is located with-  
17 in the organizational structure of the Office of  
18 the Secretary of Defense; and

19 (B) ensure that such official has sufficient  
20 authority and resources to provide oversight  
21 and policy direction on developmental test and  
22 evaluation Department of Defense-wide.

1 **SEC. 933. REPORT ON OFFICE OF CORROSION POLICY AND**  
2 **OVERSIGHT.**

3 (a) REPORT REQUIRED.—Not later than 90 days  
4 after the date of the enactment of this Act, the Secretary  
5 of Defense shall submit to the Committees on Armed Serv-  
6 ices of the Senate and the House of Representatives a re-  
7 port—

8 (1) evaluating the continued need for the Office  
9 of Corrosion Policy and Oversight; and

10 (2) containing a recommendation regarding  
11 whether to retain or terminate the Office.

12 (b) ASSESSMENT.—As part of the report required by  
13 subsection (a), the Secretary of Defense shall conduct an  
14 assessment to determine whether there is duplication in  
15 matters relating to corrosion prevention and control and  
16 mitigation of corrosion of the military equipment and in-  
17 frastructure of the Department of Defense between the  
18 Office of Corrosion Policy and Oversight and other ele-  
19 ments of the Department, including, in particular, the  
20 Corrosion Control and Prevention Executives of the mili-  
21 tary departments.

22 (c) RECOMMENDATION.—If the report required by  
23 subsection (a) includes a recommendation to terminate the  
24 Office of Corrosion Policy and Oversight, the Secretary  
25 of Defense shall include recommendations for such addi-  
26 tional authorities, if any, for the military departments and

1 the Armed Forces as the Secretary considers appropriate  
2 to ensure the proper discharge by the Department of De-  
3 fense of functions relating to corrosion prevention and  
4 control and mitigation of corrosion in the absence of the  
5 Office.

## 6 **Subtitle D—Other Matters**

### 7 **SEC. 941. COMMISSION ON THE NATIONAL DEFENSE STRAT-** 8 **EGY FOR THE UNITED STATES.**

9 (a) EXTENSION OF DEADLINES FOR REPORTING AND  
10 BRIEFING REQUIREMENTS.—Section 942(e) of the Na-  
11 tional Defense Authorization Act for Fiscal Year 2017  
12 (Public Law 114–328; 130 Stat. 2368) is amended—

13 (1) in paragraph (1), by striking “December 1,  
14 2017” and inserting “July 1, 2018”; and

15 (2) in paragraph (2), by striking “June 1,  
16 2017” and inserting “March 1, 2018”.

17 (b) TREATMENT OF COMMISSION.—Section 942 of  
18 the National Defense Authorization Act for Fiscal Year  
19 2017 (Public Law 114–328; 130 Stat. 2368) is amended  
20 by adding at the end the following new subsection:

21 “(h) LEGISLATIVE ADVISORY COMMITTEE.—The  
22 Commission shall operate as a legislative advisory com-  
23 mittee and shall not be subject to the provisions of the  
24 Federal Advisory Committee Act (Public Law 92–463; 5  
25 U.S.C. App.) or section 552b of title 5, United States



- 1 Code (commonly known as the Government in the Sun-  
2 shine Act).”.

### 3 **TITLE X—GENERAL PROVISIONS**

#### Subtitle A—Financial Matters

- Sec. 1001. General transfer authority.  
Sec. 1002. Consolidation, codification, and improvement of certain authorities and requirements in connection with the audit of the financial statements of the Department of Defense.  
Sec. 1003. Improper payment matters.  
Sec. 1004. Rankings of auditability of financial statements of the organizations and elements of the Department of Defense.  
Sec. 1005. Financial operations dashboard for the Department of Defense.  
Sec. 1006. Review and recommendations on efforts to obtain audit opinion on full financial statements.  
Sec. 1007. Notification requirement for certain contracts for audit services.

#### Subtitle B—Counterdrug Activities

- Sec. 1011. Extension of authority to support a unified counterdrug and counterterrorism campaign in Colombia.  
Sec. 1012. Venue for prosecution of maritime drug trafficking.

#### Subtitle C—Naval Vessels and Shipyards

- Sec. 1021. National Defense Sealift Fund.  
Sec. 1022. Use of National Sea-Based Deterrence Fund for multiyear procurement of certain critical components.  
Sec. 1023. Operational readiness of littoral combat ships on extended deployment.  
Sec. 1024. Availability of funds for retirement or inactivation of Ticonderoga-class cruisers or dock landing ships.  
Sec. 1025. Policy of the United States on minimum number of battle force ships.  
Sec. 1026. Surveying ships.

#### Subtitle D—Counterterrorism

- Sec. 1031. Modification of authority on support of special operations to combat terrorism.  
Sec. 1032. Termination of requirement to submit annual budget justification display for Department of Defense combating terrorism program.  
Sec. 1033. Prohibition on use of funds for transfer or release of individuals detained at United States Naval Station, Guantanamo Bay, Cuba to the United States.  
Sec. 1034. Prohibition on use of funds to construct or modify facilities in the United States to house detainees transferred from United States Naval Station, Guantanamo Bay, Cuba.  
Sec. 1035. Prohibition on use of funds for transfer or release of individuals detained at United States Naval Station, Guantanamo Bay, Cuba, to certain countries.

- Sec. 1036. Prohibition on use of funds to close or relinquish control of United States Naval Station, Guantanamo Bay, Cuba.
- Sec. 1037. Sense of Congress regarding providing for timely victim and family testimony in military commission trials.
- Sec. 1038. Report on public availability of military commissions proceedings.

#### Subtitle E—Miscellaneous Authorities and Limitations

- Sec. 1041. Limitation on expenditure of funds for emergency and extraordinary expenses for intelligence and counter-intelligence activities.
- Sec. 1042. Matters relating to the submittal of future-years defense programs.
- Sec. 1043. Modifications to humanitarian demining assistance authorities.
- Sec. 1044. Prohibition on charge of certain tariffs on aircraft traveling through channel routes.
- Sec. 1045. Prohibition on lobbying activities with respect to the Department of Defense by certain officers of the Armed Forces and civilian employees of the Department following separation from military service or employment with the Department.
- Sec. 1046. Prohibition on use of funds for retirement of legacy maritime mine countermeasures platforms.
- Sec. 1047. Report on western Pacific Ocean ship depot maintenance capability and capacity.
- Sec. 1048. Annual training regarding the influence campaign of the Russian Federation.
- Sec. 1049. Workforce issues for military realignments in the Pacific.

#### Subtitle F—Studies and Reports

- Sec. 1051. Elimination of reporting requirements terminated after November 25, 2017, pursuant to section 1080 of the National Defense Authorization Act for Fiscal Year 2016.
- Sec. 1052. Report on transfer of defense articles to units committing gross violations of human rights.
- Sec. 1053. Report on the National Biodefense Analysis and Countermeasures Center.
- Sec. 1054. Report on Department of Defense Arctic capability and resource gaps and required infrastructure.
- Sec. 1055. Review and assessment of Department of Defense personnel recovery and nonconventional assisted recovery mechanisms.
- Sec. 1056. Mine warfare readiness inspection plan and report.
- Sec. 1057. Annual report on civilian casualties in connection with United States military operations.
- Sec. 1058. Report on Joint Pacific Alaska Range Complex modernization.
- Sec. 1059. Report on alternatives to aqueous film forming foam.
- Sec. 1060. Assessment of global force posture.
- Sec. 1061. Army modernization strategy.
- Sec. 1062. Report on Army plan to improve operational unit readiness by reducing number of non-deployable soldiers assigned to operational units.
- Sec. 1063. Efforts to combat physiological episodes on certain Navy aircraft.
- Sec. 1064. Studies on aircraft inventories for the Air Force.
- Sec. 1065. Department of Defense review of Navy capabilities in the Arctic region.
- Sec. 1066. Comprehensive review of maritime intelligence, surveillance, reconnaissance, and targeting capabilities.

- Sec. 1067. Report on the need for a Joint Chemical-Biological Defense Logistics Center.
- Sec. 1068. Missile Technology Control Regime Category I unmanned aerial vehicle systems.
- Sec. 1069. Recommendations for interagency vetting of foreign investments affecting national security.
- Sec. 1070. Briefing on prior attempted Russian cyber attacks against defense systems.
- Sec. 1071. Enhanced analytical and monitoring capability of the defense industrial base.
- Sec. 1072. Report on defense of combat logistics and strategic mobility forces.
- Sec. 1073. Report on acquisition strategy to recapitalize the existing system for undersea fixed surveillance.
- Sec. 1074. Report on implementation of requirements in connection with the organization of the Department of Defense for management of special operations forces and special operations.
- Sec. 1075. Report on the global food system and vulnerabilities relevant to Department of Defense missions.

#### Subtitle G—Modernizing Government Technology

- Sec. 1076. Definitions.
- Sec. 1077. Establishment of agency information technology systems modernization and working capital funds.
- Sec. 1078. Establishment of technology modernization fund and board.

#### Subtitle H—Other Matters

- Sec. 1081. Technical, conforming, and clerical amendments.
- Sec. 1082. Clarification of applicability of certain provisions of law to civilian judges of the United States Court of Military Commission Review.
- Sec. 1083. Modification of requirement relating to conversion of certain military technician (dual status) positions to civilian positions.
- Sec. 1084. National Guard accessibility to Department of Defense issued unmanned aircraft.
- Sec. 1085. Sense of Congress regarding aircraft carriers.
- Sec. 1086. Sense of Congress recognizing the United States Navy Seabees.
- Sec. 1087. Construction of memorial to the crew of the Apollo I launch test accident at Arlington National Cemetery.
- Sec. 1088. Department of Defense engagement with covered non-Federal entities.
- Sec. 1089. Prize competition to identify root cause of physiological episodes on Navy, Marine Corps, and Air Force training and operational aircraft.
- Sec. 1090. Providing assistance to House of Representatives in response to cybersecurity events.
- Sec. 1091. Transfer of surplus firearms to Corporation for the Promotion of Rifle Practice and Firearms Safety.
- Sec. 1092. Collaboration between Federal Aviation Administration and Department of Defense on unmanned aircraft systems.
- Sec. 1093. Carriage of certain programming.
- Sec. 1094. National strategy for countering violent extremism.
- Sec. 1095. Sense of Congress regarding World War I.
- Sec. 1096. Notice to Congress of terms of Department of Defense settlement agreements.

Sec. 1097. Office of Special Counsel reauthorization.

Sec. 1098. Air transportation of civilian Department of Defense personnel to and from Afghanistan.

## 1           **Subtitle A—Financial Matters**

### 2   **SEC. 1001. GENERAL TRANSFER AUTHORITY.**

#### 3           (a) AUTHORITY TO TRANSFER AUTHORIZATIONS.—

4                   (1) AUTHORITY.—Upon determination by the  
5           Secretary of Defense that such action is necessary in  
6           the national interest, the Secretary may transfer  
7           amounts of authorizations made available to the De-  
8           partment of Defense in this division for fiscal year  
9           2018 between any such authorizations for that fiscal  
10          year (or any subdivisions thereof). Amounts of au-  
11          thorizations so transferred shall be merged with and  
12          be available for the same purposes as the authoriza-  
13          tion to which transferred.

14                  (2) LIMITATION.—Except as provided in para-  
15          graph (3), the total amount of authorizations that  
16          the Secretary may transfer under the authority of  
17          this section may not exceed \$4,500,000,000.

18                  (3) EXCEPTION FOR TRANSFERS BETWEEN  
19          MILITARY PERSONNEL AUTHORIZATIONS.—A trans-  
20          fer of funds between military personnel authoriza-  
21          tions under title IV shall not be counted toward the  
22          dollar limitation in paragraph (2).

23           (b) LIMITATIONS.—The authority provided by sub-  
24   section (a) to transfer authorizations—

1           (1) may only be used to provide authority for  
2 items that have a higher priority than the items  
3 from which authority is transferred; and

4           (2) may not be used to provide authority for an  
5 item that has been denied authorization by Con-  
6 gress.

7       (c) EFFECT ON AUTHORIZATION AMOUNTS.—A  
8 transfer made from one account to another under the au-  
9 thority of this section shall be deemed to increase the  
10 amount authorized for the account to which the amount  
11 is transferred by an amount equal to the amount trans-  
12 ferred.

13       (d) NOTICE TO CONGRESS.—The Secretary shall  
14 promptly notify Congress of each transfer made under  
15 subsection (a).

16 **SEC. 1002. CONSOLIDATION, CODIFICATION, AND IMPROVE-**  
17 **MENT OF CERTAIN AUTHORITIES AND RE-**  
18 **QUIREMENTS IN CONNECTION WITH THE**  
19 **AUDIT OF THE FINANCIAL STATEMENTS OF**  
20 **THE DEPARTMENT OF DEFENSE.**

21       (a) ESTABLISHMENT OF NEW CHAPTER ON  
22 AUDIT.—

23           (1) IN GENERAL.—Part I of subtitle A of title  
24 10, United States Code, is amended by inserting  
25 after chapter 9 the following new chapter:

1 **“CHAPTER 9A—AUDIT**

“Sec.

“251. Audit of Department of Defense financial statements.

“252. Financial Improvement and Audit Remediation Plan.

“253. Audit: consolidated corrective action plan; centralized reporting system.

“254. Audits: audit of financial statements of Department of Defense components by independent external auditors.

“254a. Audits: use of commercial data integration and analysis products in preparing audits.

“254b. Audits: selection of service providers for audit services.”.

2 (2) CLERICAL AMENDMENTS.—The tables of  
3 chapters at the beginning of subtitle A of title 10,  
4 United States Code, and part I of such subtitle, are  
5 each amended by inserting after the item relating to  
6 chapter 9 the following new item:

**“9A. Audit ..... 251”.**

7 (b) REQUIREMENT FOR AUDIT OF FINANCIAL  
8 STATEMENTS.—

9 (1) IN GENERAL.—Chapter 9A of title 10,  
10 United States Code, as added by subsection (a), is  
11 amended by inserting after the table of sections a  
12 new section 251 as follows:

13 **“§ 251. Audit of Department of Defense financial**  
14 **statements**

15 “(a) ANNUAL AUDIT REQUIRED.—The Secretary of  
16 Defense shall ensure that a full audit is performed on the  
17 financial statements of the Department of Defense for  
18 each fiscal year as required by section 3521(e) of title 31.

19 “(b) ANNUAL REPORT ON AUDIT.—The Secretary  
20 shall submit to Congress the results of the audit per-

1 formed in accordance with subsection (a) for a fiscal year  
2 by not later than March 31 of the following fiscal year.”.

3 (2) CONFORMING REPEAL.—Section 1003 of  
4 the National Defense Authorization Act for Fiscal  
5 Year 2014 (Public Law 113–66; 127 Stat. 842; 10  
6 U.S.C. 2222 note) is repealed.

7 (c) FINANCIAL IMPROVEMENT AND AUDIT REMEDI-  
8 ATION PLAN.—

9 (1) IN GENERAL.—Chapter 9A of title 10,  
10 United States Code, as added and amended by this  
11 section, is further amended by inserting after section  
12 251, as added by subsection (b), a new section 252  
13 consisting of—

14 (A) a heading as follows:

15 “§ 252. **Financial Improvement and Audit Remedi-**  
16 **ation Plan”;** and

17 (B) a text consisting subsection (a) of sec-  
18 tion 1003 of the National Defense Authoriza-  
19 tion Act for Fiscal Year 2010 (10 U.S.C. 2222  
20 note).

21 (2) AMENDMENTS IN CONNECTION WITH CODI-  
22 FICATION.—Subsection (a) of section 252 of title 10,  
23 United States Code, as added by paragraph (1), is  
24 amended—

1 (A) in paragraph (1), by striking “develop  
2 and”; and

3 (B) in paragraph (2)(B), by striking “of  
4 title 10, United States Code” and inserting “of  
5 this title”.

6 (3) IMPROVEMENTS.—Such section 252, as  
7 added and amended by this subsection, is further  
8 amended—

9 (A) in the subsection headings for sub-  
10 section (a), by striking “FINANCIAL IMPROVE-  
11 MENT AND AUDIT READINESS PLAN” and in-  
12 serting “FINANCIAL IMPROVEMENT AND AUDIT  
13 REMEDIATION PLAN”;

14 (B) in subsection (a)—

15 (i) in paragraph (1), by striking “Fi-  
16 nancial Improvement and Audit Readiness  
17 Plan” and inserting “Financial Improve-  
18 ment and Audit Remediation Plan”; and

19 (ii) in paragraph (2)—

20 (I) in subparagraph (A)—

21 (aa) by striking the matter  
22 preceding clause (i) and inserting  
23 the following:

24 “(A) describe specific actions to be taken,  
25 including interim milestones with a detailed de-



1 description of the subordinate activities required,  
2 and estimate the costs associated with—”;

3 (bb) in clause (ii), by strik-  
4 ing “are validated as ready for  
5 audit” and all that follows and  
6 inserting “go under full financial  
7 statement audit, and that the  
8 Department leadership makes  
9 every effort to reach an unmodi-  
10 fied opinion as soon as possible;”;  
11 and

12 (cc) by adding at the end  
13 the following new clauses:

14 “(iii) achieving an unqualified audit  
15 opinion for each major element of the  
16 statement of budgetary resources of the  
17 Department of Defense; and

18 “(iv) addressing the existence and  
19 completeness of each major category of  
20 Department of Defense assets; and”;

21 (II) in subparagraph (B)—

22 (aa) by inserting “business”  
23 before “process and control”;

1 (bb) by striking “the busi-  
2 ness enterprise architecture and  
3 transition plan required by”; and

4 (cc) by striking the semi-  
5 colon at the end and inserting a  
6 period; and

7 (III) by striking subparagraphs  
8 (C) and (D); and

9 (C) by inserting after subsection (a) the  
10 following new subsection (b):

11 “(b) REPORT AND BRIEFING REQUIREMENTS.—

12 “(1) ANNUAL REPORT.—

13 “(A) IN GENERAL.—Not later than June  
14 30, 2019, and annually thereafter, the Under  
15 Secretary of Defense (Comptroller) shall submit  
16 to the congressional defense committees a re-  
17 port on the status of the implementation by the  
18 Department of Defense of the Financial Im-  
19 provement and Audit Remediation Plan under  
20 subsection (a).

21 “(B) ELEMENTS.—Each report under sub-  
22 paragraph (A) shall include the following:

23 “(i) An analysis of the consolidated  
24 corrective action plan management sum-

1           mary prepared pursuant to section 253a of  
2           this title.

3           “(ii) Current Department of Defense-  
4           wide information on the status of correc-  
5           tive actions plans related to critical capa-  
6           bilities and material weaknesses, including  
7           the standard data elements recommended  
8           in the implementation guide for Office of  
9           Management and Budget Circular A-123,  
10          for the armed forces, military departments,  
11          and Defense Agencies.

12          “(iii) A current description of the  
13          work undertaken and planned to be under-  
14          taken by the Department of Defense, and  
15          the military departments, Defense Agen-  
16          cies, and other organizations and elements  
17          of the Department, to test and verify  
18          transaction data pertinent to obtaining an  
19          unqualified audit of their financial state-  
20          ments, including from feeder systems.

21          “(iv) A current projected timeline of  
22          the Department in connection with the  
23          audit of the full financial statements of the  
24          Department, to be submitted to Congress  
25          annually not later than six months after

1 the submittal to Congress of the budget of  
2 the President for a fiscal year under sec-  
3 tion 1105 of title 31, including the fol-  
4 lowing:

5 “(I) The date on which the De-  
6 partment projects the beginning of an  
7 audit of the full financial statements  
8 of the Department, and the military  
9 departments, Defense Agencies, and  
10 other organizations and elements of  
11 the Department, for a fiscal year.

12 “(II) The date on which the De-  
13 partment projects the completions of  
14 audits of the full financial statements  
15 of the Department, and the military  
16 departments, Defense Agencies, and  
17 other organizations and elements of  
18 the Department, for a fiscal year.

19 “(III) The dates on which the  
20 Department estimates it will obtain  
21 an unqualified audit opinion on the  
22 full financial statements of the De-  
23 partment, the military departments,  
24 the Defense Agencies, and other orga-

1                   nizations and elements of the Depart-  
2                   ment for a fiscal year.

3                   “(v) A current estimate of the antici-  
4                   pated annual costs of maintaining an un-  
5                   qualified audit opinion on the full financial  
6                   statements of the Department, the military  
7                   departments, the Defense Agencies, and  
8                   other organizations and elements of the  
9                   Department for a fiscal year after an un-  
10                  qualified audit opinion on such full finan-  
11                  cial statements for a fiscal year is first ob-  
12                  tained.

13                  “(vi) A certification of the results of  
14                  the audit of the financial statements of the  
15                  Department performed for the preceding  
16                  fiscal year, and a statement summarizing,  
17                  based on such results, the current condi-  
18                  tion of the financial statements of the De-  
19                  partment.

20                  “(2) SEMIANNUAL BRIEFINGS.—Not later than  
21                  January 31 and June 30 each year, the Under Sec-  
22                  retary of Defense (Comptroller) and the comptrollers  
23                  of the military departments shall provide a briefing  
24                  to the congressional defense committees on the sta-  
25                  tus of the corrective action plan.

1           “(3) CRITICAL CAPABILITIES DEFINED.—In  
2           this subsection, the term ‘critical capabilities’ means  
3           the critical capabilities described in the Department  
4           of Defense report titled ‘Financial Improvement and  
5           Audit Readiness (FIAR) Plan Status Report’ and  
6           dated May 2016.”.

7           (4) CONFORMING REPEAL.—Section 1003 of  
8           the National Defense Authorization Act for Fiscal  
9           Year 2010 is repealed.

10          (d) CONSOLIDATED CORRECTIVE ACTION PLAN.—  
11          Chapter 9A of title 10, United States Code, as added and  
12          amended by this section, is further amended by adding  
13          after section 252, as added and amended by subsection  
14          (c), a new section 253 consisting of—

15                 (1) a heading as follows:

16          “**§ 253. Audit: consolidated corrective action plan;**  
17                         **centralized reporting system”;** and

18                 (2) a text as follows:

19                 “The Under Secretary of Defense (Comptroller)  
20          shall—

21                         “(1) on a bimonthly basis, prepare a consoli-  
22                         dated corrective action plan management summary  
23                         on the status of key corrective actions plans related  
24                         to critical capabilities for the armed forces and for

1 the components of the Department of Defense that  
2 support the armed forces; and

3 “(2) develop and maintain a centralized moni-  
4 toring and reporting process that captures and  
5 maintains up-to-date information, including the  
6 standard data elements recommended in the imple-  
7 mentation guide for Office of Management and  
8 Budget Circular A–123, for key corrective action  
9 plans and findings and recommendations Depart-  
10 ment-wide that pertain to critical capabilities.”.

11 (e) AUDIT OF DOD COMPONENTS BY INDEPENDENT  
12 EXTERNAL AUDITORS.—

13 (1) IN GENERAL.—Chapter 9A of title 10,  
14 United States Code, as added and amended by this  
15 section, is further amended by adding after section  
16 253, as added and amended by subsection (d), a new  
17 section 254 consisting of—

18 (A) a heading as follows:

19 **“§ 254. Audits: audit of financial statements of De-**  
20 **partment of Defense components by inde-**  
21 **pendent external auditors”; and**

22 (B) a text consisting of the text of section  
23 1005 of the National Defense Authorization Act  
24 for Fiscal Year 2016 (Public Law 114–92; 129  
25 Stat. 861; 10 U.S.C. 2222 note).

1           (2) AMENDMENTS IN CONNECTION WITH CODI-  
2           FICATION.—Section 254 of title 10, United States  
3           Code, as added by paragraph (1), is further amend-  
4           ed—

5                   (A) in subsections (d)(1)(A) and (e)(3), by  
6           striking “, United States Code”; and

7                   (B) in subsections (a) and (e)(2), by strik-  
8           ing “, United States Code.”.

9           (3) IMPROVEMENTS.—Such section 254, as  
10          added and amended by this subsection, is further  
11          amended—

12                   (A) in subsection (d)(1)—

13                           (i) in subparagraph (A), by inserting  
14                           “and the Chief Management Officer of the  
15                           Department of Defense” before the semi-  
16                           colon;

17                           (ii) in subparagraph (B), by striking  
18                           “and” at the end;

19                           (iii) by redesignating subparagraph  
20                           (C) as subparagraph (D); and

21                           (iv) by inserting after subparagraph  
22                           (B), the following new subparagraph (C):

23                           “(C) the head of each component audited;  
24                           and”; and

25                   (B) in subsection (e)—



1 (i) by striking paragraph (1); and  
2 (ii) by redesignating paragraphs (2)  
3 and (3) as paragraphs (1) and (2), respec-  
4 tively.

5 (4) CONFORMING REPEAL.—Section 1005 of  
6 the National Defense Authorization Act for Fiscal  
7 Year 2016 is repealed.

8 (f) USE OF COMMERCIAL DATA INTEGRATION AND  
9 ANALYSIS PRODUCTS.—

10 (1) IN GENERAL.—Chapter 9A of title 10,  
11 United States Code, as added and amended by this  
12 section, is further amended by adding after section  
13 254, as added and amended by subsection (e), a new  
14 section 254a consisting of—

15 (A) a heading as follows:

16 **“§ 254a. Audits: use of commercial data integration**  
17 **and analysis products in preparing au-**  
18 **dits”; and**

19 (B) a text consisting of subsections (a) and  
20 (b) of section 1003 of the National Defense Au-  
21 thorization Act for Fiscal Year 2017 (Public  
22 Law 114–328; 130 Stat. 2380; 10 U.S.C. 2222  
23 note).

1           (2) AMENDMENTS IN CONNECTION WITH CODI-  
2           FICATION.—Section 254a of title 10, United States  
3           Code, as added by paragraph (1), is amended—

4                   (A) in subsection (a)—

5                           (i) by striking “of title 10, United  
6                           States Code,” and inserting “of this title”;  
7                           and

8                           (ii) by striking “, as soon as prac-  
9                           ticable,”; and

10                   (B) in subsection (b), by striking “this de-  
11                   ployment” and inserting “deployment of tech-  
12                   nologies and services as described in subsection  
13                   (a)”.

14           (3) CONFORMING REPEAL.—Section 1003 of  
15           the National Defense Authorization Act for Fiscal  
16           Year 2017 is repealed.

17           (g) SELECTION OF SERVICE PROVIDERS FOR AUDIT  
18           SERVICES.—

19                   (1) IN GENERAL.—Chapter 9A of title 10,  
20                   United States Code, as added and amended by this  
21                   section, is further amended by adding after section  
22                   254a, as added and amended by subsection (f), a  
23                   new section 254b consisting of—

24                           (A) a heading as follows:

1 **“§ 254b. Audits: selection of service providers for**  
2 **audit services”; and**

3 (B) a text consisting of the text of section  
4 892 of the National Defense Authorization Act  
5 for Fiscal Year 2017 (Public Law 114–328;  
6 130 Stat. 2324; 10 U.S.C. 2331 note).

7 (2) IMPROVEMENT.—Section 254b of title 10,  
8 United States Code, as added by paragraph (1), is  
9 amended by striking “and audit readiness services”.

10 (3) CONFORMING REPEAL.—Section 892 of the  
11 National Defense Authorization Act for Fiscal Year  
12 2017 is repealed.

13 (h) REPEAL OF CERTAIN REQUIREMENTS IN CON-  
14 NECTION WITH RELIABILITY OF DOD FINANCIAL STATE-  
15 MENTS.—Section 1008 of the National Defense Author-  
16 ization Act for Fiscal Year 2002 (10 U.S.C. 113 note)  
17 is amended by striking subsections (d), (e), and (f).

18 **SEC. 1003. IMPROPER PAYMENT MATTERS.**

19 Subject to the authority, direction, and control of the  
20 Secretary of Defense, the Under Secretary of Defense  
21 (Comptroller) shall take the following actions:

22 (1) With regard to estimating improper pay-  
23 ments:

24 (A) Establish and implement key quality  
25 assurance procedures, such as reconciliations, to

1 ensure the completeness and accuracy of sam-  
2 pled populations.

3 (B) Revise the procedures for the sampling  
4 methodologies of the Department of Defense so  
5 that such procedures—

6 (i) comply with Office of Management  
7 and Budget guidance and generally accept-  
8 ed statistical standards;

9 (ii) produce statistically valid im-  
10 proper payment error rates, statistically  
11 valid improper payment dollar estimates,  
12 and appropriate confidence intervals for  
13 both; and

14 (iii) in meeting clauses (i) and (ii),  
15 take into account the size and complexity  
16 of the transactions being sampled.

17 (2) With regard to identifying programs suscep-  
18 tible to significant improper payments, conduct a  
19 risk assessment that complies with the Improper  
20 Payments Elimination and Recovery Act of 2010  
21 (Public Law 111–204) and the amendments made  
22 by that Act (in this section collectively referred to as  
23 “IPERA”).

1           (3) With regard to reducing improper pay-  
2           ments, establish procedures that produce corrective  
3           action plans that—

4                   (A) comply fully with IPERA and associ-  
5                   ated Office of Management and Budget guid-  
6                   ance, including by holding individuals respon-  
7                   sible for implementing corrective actions and  
8                   monitoring the status of corrective actions; and

9                   (B) are in accordance with best practices,  
10                  such as those recommended by the Chief Finan-  
11                  cial Officers Council, including by providing  
12                  for—

13                           (i) measurement of the progress made  
14                           toward remediating root causes of im-  
15                           proper payments; and

16                           (ii) communication to the Secretary of  
17                           Defense and the heads of departments,  
18                           agencies, and organizations and elements  
19                           of the Department of Defense, and key  
20                           stakeholders, on the progress made toward  
21                           remediating the root causes of improper  
22                           payments.

23           (4) With regard to implementing recovery au-  
24           dits for improper payments, develop and implement  
25           procedures to—

1 (A) identify costs related to the recovery  
2 audits and recovery efforts of the Department  
3 of Defense; and

4 (B) evaluate improper payment recovery  
5 efforts in order to ensure that they are cost ef-  
6 fective.

7 (5) Monitor the implementation of the revised  
8 chapter of the Financial Management Regulations  
9 on recovery audits in order to ensure that the De-  
10 partment of Defense, the military departments, the  
11 Defense Agencies, and the other organizations and  
12 elements of the Department of Defense either con-  
13 duct recovery audits or demonstrate that it is not  
14 cost effective to do so.

15 (6) Develop and submit to the Office of Man-  
16 agement and Budget for approval a payment recap-  
17 ture audit plan that fully complies with Office of  
18 Management and Budget guidance.

19 (7) With regard to reporting on improper pay-  
20 ments, design and implement procedures to ensure  
21 that the annual improper payment and recovery  
22 audit reporting of the Department of Defense is  
23 complete, accurate, and complies with IPERA and  
24 associated Office of Management and Budget guid-  
25 ance.

1 **SEC. 1004. RANKINGS OF AUDITABILITY OF FINANCIAL**  
2 **STATEMENTS OF THE ORGANIZATIONS AND**  
3 **ELEMENTS OF THE DEPARTMENT OF DE-**  
4 **FENSE.**

5 Not later than 90 days after the date of the enact-  
6 ment of this Act, the Secretary of Defense shall, in coordi-  
7 nation with the Under Secretary of Defense (Comptroller),  
8 submit to the congressional defense committees a report  
9 setting forth a ranking of the auditability of the financial  
10 statements of the departments, agencies, organizations,  
11 and elements of the Department of Defense according to  
12 the progress made toward achieving auditability as re-  
13 quired by law. The Under Secretary shall determine the  
14 criteria to be used for purposes of the rankings.

15 **SEC. 1005. FINANCIAL OPERATIONS DASHBOARD FOR THE**  
16 **DEPARTMENT OF DEFENSE.**

17 (a) IN GENERAL.—The Under Secretary of Defense  
18 (Comptroller) shall develop and maintain on an Internet  
19 website available to Department of Defense agencies a tool  
20 (commonly referred to as a “dashboard”) to permit offi-  
21 cials to track key indicators of the financial performance  
22 of the Department of Defense. Such key indicators may  
23 include outstanding accounts payable, abnormal accounts  
24 payable, outstanding advances, unmatched disbursements,  
25 abnormal undelivered orders, negative unliquidated obliga-  
26 tions, violations of sections 1341 and 1517(a) of title 31,

1 United States Code (commonly referred to as the “Anti-  
2 Deficiency Act”), costs deriving from payment delays, in-  
3 terest penalty payments, and improper payments, and ac-  
4 tual savings realized through interest payments made, dis-  
5 counts for timely or advanced payments, and other finan-  
6 cial management and improvement initiatives.

7 (b) INFORMATION COVERED.—The tool shall cover fi-  
8 nancial performance information for the military depart-  
9 ments, the defense agencies, and any other organizations  
10 or elements of the Department of Defense.

11 (c) TRACKING OF PERFORMANCE OVER TIME.—The  
12 tool shall permit the tracking of financial performance  
13 over time, including by month, quarter, and year, and per-  
14 mit users of the tool to export both current and historical  
15 data on financial performance.

16 (d) UPDATES.—The information covered by the tool  
17 shall be updated not less frequently than quarterly.

18 **SEC. 1006. REVIEW AND RECOMMENDATIONS ON EFFORTS**  
19 **TO OBTAIN AUDIT OPINION ON FULL FINAN-**  
20 **CIAL STATEMENTS.**

21 (a) IN GENERAL.—The Secretary of Defense may es-  
22 tablish within the Department of Defense a team of distin-  
23 guished, private sector experts with experience conducting  
24 financial audits of large public or private sector organiza-  
25 tions to review and make recommendations to improve the



1 efforts of the Department to obtain an audit opinion on  
2 its full financial statements.

3 (b) SCOPE OF ACTIVITIES.—A team established pur-  
4 suant to subsection (a) shall—

5 (1) identify impediments to the progress of the  
6 Department in obtaining an audit opinion on its full  
7 financial statements, including an identification of  
8 the organizations or elements that are lagging in  
9 their efforts toward obtaining such audit opinion;

10 (2) estimate when an audit opinion on the full  
11 financial statements of the Department will be ob-  
12 tained; and

13 (3) consider mechanisms and incentives to sup-  
14 port efficient achievement by the Department of its  
15 audit goals, including organizational mechanisms to  
16 transfer direction and management control of audit  
17 activities from subordinate organizations to the Of-  
18 fice of the Secretary of Defense, individual personnel  
19 incentives, workforce improvements (including in  
20 senior leadership positions), business process, tech-  
21 nology, and systems improvements (including the  
22 use of data analytics), and metrics by which the Sec-  
23 retary and Congress may measure and assess  
24 progress toward achievement of the audit goals of  
25 the Department.

1 (c) REPORTS.—

2 (1) REPORT ON ESTABLISHMENT OF TEAM.—If  
3 the Secretary takes action pursuant to subsection  
4 (a), the Secretary shall, not later than September  
5 30, 2019, submit to the congressional defense com-  
6 mittees a report on the team established pursuant to  
7 that subsection, including a description of the ac-  
8 tions taken and to be taken by the team pursuant  
9 to subsection (b).

10 (2) REPORT ON DETERMINATION NOT TO ES-  
11 TABLISH TEAM.—If as of June 1, 2019, the Sec-  
12 retary has determined not to establish a team au-  
13 thorized by subsection (a), the Secretary shall sub-  
14 mit to the Committees on Armed Services of the  
15 Senate and the House of Representatives on that  
16 date a report on the determination, including an ex-  
17 planation and justification for the determination.

18 **SEC. 1007. NOTIFICATION REQUIREMENT FOR CERTAIN**  
19 **CONTRACTS FOR AUDIT SERVICES.**

20 (a) NOTIFICATION TO CONGRESS.—If the Under Sec-  
21 retary of Defense (Comptroller) makes a written finding  
22 that a delay in performance of a covered contract while  
23 a protest is pending would hinder the annual preparation  
24 of audited financial statements for the Department of De-  
25 fense, and the head of the procuring activity responsible

1 for the award of the covered contract does not authorize  
2 the award of the contract (pursuant to section 3553(e)(2)  
3 of title 31, United States Code) or the performance of the  
4 contract (pursuant to section 3553(d)(3)(C) of such title),  
5 the Secretary of Defense shall—

6 (1) notify the congressional defense committees  
7 within 10 days after such finding is made; and

8 (2) describe any steps the Department of De-  
9 fense plans to take to mitigate any hindrance identi-  
10 fied in such finding to the annual preparation of au-  
11 dited financial statements for the Department.

12 (b) COVERED CONTRACT DEFINED.—In this section,  
13 the term “covered contract” means a contract for services  
14 to perform an audit to comply with the requirements of  
15 section 3515 of title 31, United States Code.

## 16 **Subtitle B—Counterdrug Activities**

### 17 **SEC. 1011. EXTENSION OF AUTHORITY TO SUPPORT A UNI-** 18 **FIED COUNTERDRUG AND COUNTERTER-** 19 **RORISM CAMPAIGN IN COLOMBIA.**

20 Section 1021 of the Ronald W. Reagan National De-  
21 fense Authorization Act for Fiscal Year 2005 (Public Law  
22 108–375; 118 Stat. 2042), as most recently amended by  
23 section 1013 of the National Defense Authorization Act  
24 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
25 2385), is further amended—

1 (1) in subsection (a)(1), by striking “2019” and  
2 inserting “2022”; and

3 (2) in subsection (c), by striking “2019” and  
4 inserting “2022”.

5 **SEC. 1012. VENUE FOR PROSECUTION OF MARITIME DRUG**  
6 **TRAFFICKING.**

7 (a) IN GENERAL.—Section 70504(b) of title 46,  
8 United States Code, is amended to read as follows:

9 “(b) VENUE.—A person violating section 70503 or  
10 70508—

11 “(1) shall be tried in the district in which such  
12 offense was committed; or

13 “(2) if the offense was begun or committed  
14 upon the high seas, or elsewhere outside the jurisdic-  
15 tion of any particular State or district, may be tried  
16 in any district.”.

17 (b) CONFORMING AMENDMENT.—Section 1009(d) of  
18 the Controlled Substances Import and Export Act (21  
19 U.S.C. 959(d)) is amended—

20 (1) in the subsection title, by striking “;  
21 VENUE”; and

22 (2) by striking “Any person who violates this  
23 section shall be tried in the United States district  
24 court at the point of entry where such person enters

1 the United States, or in the United States District  
2 Court for the District of Columbia.”.

3 **Subtitle C—Naval Vessels and**  
4 **Shipyards**

5 **SEC. 1021. NATIONAL DEFENSE SEALIFT FUND.**

6 (a) FUND PURPOSES; DEPOSITS.—Section 2218 of  
7 title 10, United States Code, is amended—

8 (1) in subsection (c)—

9 (A) in paragraph (1)—

10 (i) by striking subparagraph (D); and

11 (ii) by redesignating subparagraph

12 (E) as subparagraph (D);

13 (B) in paragraph (3), by striking “or (D)”;

14 and

15 (2) in subsection (d)—

16 (A) in paragraph (1)—

17 (i) in subparagraph (B), by inserting

18 “and” after the semicolon;

19 (ii) in subparagraph (C), by striking

20 “; and” and inserting a period; and

21 (iii) by striking subparagraph (D);

22 and

23 (B) by adding at the end the following new

24 paragraph (4):

1           “(4) Any other funds made available to the De-  
2           partment of Defense to carry out any of the pur-  
3           poses described in subsection (c).”.

4           (b) **AUTHORITY TO PURCHASE USED VESSELS.—**  
5           Subsection (f) of such section is amended by adding at  
6           the end the following new paragraph:

7           “(3)(A) Notwithstanding the limitations under sub-  
8           section (c)(1)(E) and paragraph (1), the Secretary of De-  
9           fense may, as part of a program to recapitalize the Ready  
10          Reserve Force component of the national defense reserve  
11          fleet and the Military Sealift Command surge fleet, pur-  
12          chase any used vessel, regardless of where such vessel was  
13          constructed if such vessel—

14                 “(i) participated in the Maritime Security Fleet;  
15                 and

16                 “(ii) is available for purchase at a reasonable  
17                 cost, as determined by the Secretary.

18          “(B) If the Secretary determines that no used vessel  
19          meeting the requirements under clauses (i) and (ii) of sub-  
20          paragraph (A) is available, the Secretary may purchase  
21          a used vessel comparable to a vessel described in clause  
22          (i) of subparagraph (A), regardless of the source of the  
23          vessel or where the vessel was constructed, if such vessel  
24          is available for purchase at a reasonable cost, as deter-  
25          mined by the Secretary.

1           “(C) The Secretary may not use the authority under  
2 this paragraph to purchase more than two foreign con-  
3 structed ships.

4           “(D) The Secretary shall ensure that the initial con-  
5 version, or modernization of any vessel purchased under  
6 the authority of subparagraph (A) occurs in a shipyard  
7 located in the United States.

8           “(E) Not later than 30 days after the purchase of  
9 any vessel using the authority under this paragraph, the  
10 Secretary, in consultation with the Maritime Adminis-  
11 trator, shall submit to the congressional defense commit-  
12 tees a report that contains each of the following with re-  
13 spect to such purchase:

14                 “(i) The date of the purchase.

15                 “(ii) The price at which the vessel was pur-  
16 chased.

17                 “(iii) The anticipated cost of modernization of  
18 the vessel.

19                 “(iv) The proposed military utility of the vessel.

20                 “(v) The proposed date on which the vessel will  
21 be available for use by the Ready Reserve.

22                 “(vi) The contracting office responsible for the  
23 completion of the purchase.

24                 “(vii) Certification that—

1           “(I) there was no vessel available for pur-  
2           chase at a reasonable price that was con-  
3           structed in the United States; and

4           “(II) the used vessel purchased supports  
5           the recapitalization of the Ready Reserve Force  
6           component of the National Defense Reserve  
7           Fleet or the Military Sealift Command surge  
8           fleet.”.

9           (c) DEFINITION OF MARITIME SECURITY FLEET.—  
10          Subsection (k) of such section is amended by adding at  
11          the end the following new paragraph:

12           “(5) The term ‘Maritime Security Fleet’ means  
13          the fleet established under section 53102(a) of title  
14          46.”.

15          (d) BUDGETING FOR CONSTRUCTION OF NAVAL VES-  
16          SELS.—Section 231 of title 10, United States Code, is  
17          amended—

18           (1) in subsection (a)—

19           (A) by striking “year—” and inserting  
20           “year each of the following:”;

21           (B) in paragraph (1)—

22           (i) by striking “a plan” and inserting  
23           “A plan”;



1 (ii) by striking “combatant and sup-  
2 port vessels for the Navy” and inserting  
3 “naval vessels”;

4 (iii) by striking the semicolon and in-  
5 serting “for each of the following classes of  
6 ships:”; and

7 (iv) by adding at the end the following  
8 new subparagraphs:

9 “(A) Combatant and support vessels.

10 “(B) Auxiliary vessels.”; and

11 (C) in paragraph (2), by striking “a cer-  
12 tification” and inserting “A certification”;

13 (2) in subsection (b)(2)—

14 (A) by redesignating subparagraphs (B)  
15 through (D) as subparagraphs (C) through (E),  
16 respectively;

17 (B) by inserting after subparagraph (A)  
18 the following new subparagraph (B):

19 “(B) A detailed program for the construction of  
20 auxiliary vessels for the Navy over the next 30 fiscal  
21 years.”; and

22 (C) in subparagraph (E), as redesignated  
23 by subparagraph (A), by striking “subpara-  
24 graph (C)” and inserting “subparagraph (D)”;  
25 and

1           (3) in subsection (f), by adding at the end the  
2 following new paragraph:

3           “(5) The term ‘auxiliary vessel’ means any ship  
4 designed to operate in the open ocean in a variety  
5 of sea states to provide general support to either  
6 combatant forces or shore based establishments.”.

7 **SEC. 1022. USE OF NATIONAL SEA-BASED DETERRENCE**  
8           **FUND FOR MULTIYEAR PROCUREMENT OF**  
9           **CERTAIN CRITICAL COMPONENTS.**

10          (a) IN GENERAL.—Subsection (i) of section 2218a of  
11 title 10, United States Code, is amended—

12           (1) by striking “the common missile compart-  
13 ment” each place it appears and inserting “critical  
14 components”; and

15           (2) in paragraph (1), by striking “critical parts,  
16 components, systems, and subsystems” and inserting  
17 “critical components”.

18          (b) DEFINITION OF CRITICAL COMPONENT.—Sub-  
19 section (k) of such section is amended by adding at the  
20 end the following new paragraph:

21           “(3) The term ‘critical component’ means any  
22 of the following:

23           “(A) A common missile compartment com-  
24 ponent.

25           “(B) A spherical air flask.

1 “(C) An air induction diesel exhaust valve.

2 “(D) An auxiliary seawater valve.

3 “(E) A hovering valve.

4 “(F) A missile compensation valve.

5 “(G) A main seawater valve.

6 “(H) A launch tube.

7 “(I) A trash disposal unit.

8 “(J) A logistics escape trunk.

9 “(K) A torpedo tube.

10 “(L) A weapons shipping cradle weldment.

11 “(M) A control surface.

12 “(N) A launcher component.

13 “(O) A propulsor.”.

14 (c) CLERICAL AMENDMENT.—The subsection head-  
15 ing for subsection (i) of such section is amended by strik-  
16 ing “OF THE COMMON MISSILE COMPARTMENT”.

17 **SEC. 1023. OPERATIONAL READINESS OF LITTORAL COM-**  
18 **BAT SHIPS ON EXTENDED DEPLOYMENT.**

19 Section 7310(a) of title 10, United States Code, is  
20 amended—

21 (1) by inserting “UNDER JURISDICTION OF  
22 THE SECRETARY OF THE NAVY” in the subsection  
23 heading after “VESSELS”;

1           (2) by striking “A naval vessel (or any other  
2 vessel under the jurisdiction of the Secretary of the  
3 Navy)” and inserting “(1) A naval vessel”; and

4           (3) by adding at the end the following new  
5 paragraph:

6           “(2)(A) Notwithstanding paragraph (1) and subject  
7 to subparagraph (B), in the case of a naval vessel classi-  
8 fied as a Littoral Combat Ship and operating on deploy-  
9 ment, corrective and preventive maintenance or repair  
10 (whether intermediate or depot level) and facilities mainte-  
11 nance may be performed on the vessel—

12           “(i) in a foreign shipyard;

13           “(ii) at a facility outside of a foreign shipyard;

14           or

15           “(iii) at any other facility convenient to the ves-  
16 sel.

17           “(B)(i) Corrective and preventive maintenance or re-  
18 pair may be performed on a vessel as described in sub-  
19 paragraph (A) if the work is performed by United States  
20 Government personnel or United States contractor per-  
21 sonnel.

22           “(ii) Facilities maintenance may be performed by a  
23 foreign contractor on a vessel as described in subpara-  
24 graph (A) only as approved by the Secretary of the Navy.

25           “(C) In this paragraph:

1           “(i) The term ‘corrective and preventive mainte-  
2 nance or repair’ means—

3           “(I) maintenance or repair actions per-  
4 formed as a result of a failure in order to re-  
5 turn or restore equipment to acceptable per-  
6 formance levels; and

7           “(II) scheduled maintenance or repair ac-  
8 tions to prevent or discover functional failures.

9           “(ii) The term ‘facilities maintenance’ means  
10 preservation or corrosion control efforts and cleaning  
11 services.

12          “(D) This paragraph shall expire on September 30,  
13 2020.”.

14 **SEC. 1024. AVAILABILITY OF FUNDS FOR RETIREMENT OR**  
15 **INACTIVATION OF TICONDEROGA-CLASS**  
16 **CRUISERS OR DOCK LANDING SHIPS.**

17          None of the funds authorized to be appropriated by  
18 this Act or otherwise made available for the Department  
19 of Defense for fiscal year 2018 may be obligated or ex-  
20 pended—

21           (1) to retire, prepare to retire, or inactivate a  
22 cruiser or dock landing ship; or

23           (2) to place more than six cruisers and one  
24 dock landing ship in the modernization program  
25 under section 1026(a)(2) of the Carl Levin and

1 Howard P. “Buck” McKeon National Defense Au-  
2 thorization Act for Fiscal Year 2015 (Public Law  
3 113–291; 128 Stat. 3490).

4 **SEC. 1025. POLICY OF THE UNITED STATES ON MINIMUM**  
5 **NUMBER OF BATTLE FORCE SHIPS.**

6 (a) POLICY.—It shall be the policy of the United  
7 States to have available, as soon as practicable, not fewer  
8 than 355 battle force ships, comprised of the optimal mix  
9 of platforms, with funding subject to the availability of  
10 appropriations or other funds.

11 (b) BATTLE FORCE SHIPS DEFINED.—In this sec-  
12 tion, the term “battle force ship” has the meaning given  
13 the term in Secretary of the Navy Instruction 5030.8C.

14 **SEC. 1026. SURVEYING SHIPS.**

15 (a) SURVEYING SHIP REQUIREMENT.—Not later  
16 than 120 days after the date of the enactment of this Act,  
17 the Chief of Naval Operations shall submit to the congres-  
18 sional defense committees a report setting forth a force  
19 structure assessment that establishes a surveying ship re-  
20 quirement. The Chief of Naval Operations shall conduct  
21 the assessment for purposes of the report, and may limit  
22 the assessment to surveying ships.

23 (b) DEFINITIONS.—In this section:

1           (1) The term “surveying ship” has the meaning  
2           given the term in Secretary of the Navy Instruction  
3           5030.8C.

4           (2) The term “force structure assessment” has  
5           the meaning given the term in Chief of Naval Oper-  
6           ations Instruction 3050.27.

## 7           **Subtitle D—Counterterrorism**

### 8           **SEC. 1031. MODIFICATION OF AUTHORITY ON SUPPORT OF** 9                                   **SPECIAL OPERATIONS TO COMBAT TER-** 10                                   **RORISM.**

11           (a) OVERSIGHT OF SUPPORT.—Section 127e of title  
12           10, United States Code, is amended—

13                           (1) by redesignating subsection (g) as sub-  
14                           section (h); and

15                           (2) by inserting after subsection (f) the fol-  
16                           lowing new subsection (g):

17           “(g) OVERSIGHT BY ASD FOR SOLIC.—The Assist-  
18           ant Secretary of Defense for Special Operations and Low-  
19           Intensity Conflict shall have primary responsibility within  
20           the Office of the Secretary of Defense for oversight of poli-  
21           cies and programs for support authorized by this sec-  
22           tion.”.

23           (b) REPORT SUBMITTAL MATTERS.—Subsection (h)  
24           of such section, as redesignated by subsection (a)(1) of  
25           this section, is amended—

1           (1) in paragraph (1), by striking “March 1  
2       each year” and inserting “120 days after the last  
3       day of each fiscal year”; and

4           (2) in paragraph (2)—

5                (A) by striking “September 1 each year”  
6       and inserting “six months after the date of the  
7       submittal of the report most recently submitted  
8       under paragraph (1)”; and

9                (B) by inserting “under this paragraph”  
10       after “in which the report”.

11 **SEC. 1032. TERMINATION OF REQUIREMENT TO SUBMIT AN-**  
12 **NUAL BUDGET JUSTIFICATION DISPLAY FOR**  
13 **DEPARTMENT OF DEFENSE COMBATING TER-**  
14 **RORISM PROGRAM.**

15       Section 229 of title 10, United States Code, is  
16 amended by adding at the end the following new sub-  
17 section:

18       “(e) **TERMINATION.**—The requirement to submit a  
19 budget justification display under this section shall termi-  
20 nate on December 31, 2020.”.



1 **SEC. 1033. PROHIBITION ON USE OF FUNDS FOR TRANSFER**  
2 **OR RELEASE OF INDIVIDUALS DETAINED AT**  
3 **UNITED STATES NAVAL STATION, GUANTA-**  
4 **NAMO BAY, CUBA TO THE UNITED STATES.**

5 No amounts authorized to be appropriated or other-  
6 wise made available for the Department of Defense may  
7 be used during the period beginning on the date of the  
8 enactment of this Act and ending on December 31, 2018,  
9 to transfer, release, or assist in the transfer or release to  
10 or within the United States, its territories, or possessions  
11 of Khalid Sheikh Mohammed or any other detainee who—

12 (1) is not a United States citizen or a member  
13 of the Armed Forces of the United States; and

14 (2) is or was held on or after January 20,  
15 2009, at United States Naval Station, Guantanamo  
16 Bay, Cuba, by the Department of Defense.

17 **SEC. 1034. PROHIBITION ON USE OF FUNDS TO CONSTRUCT**  
18 **OR MODIFY FACILITIES IN THE UNITED**  
19 **STATES TO HOUSE DETAINEES TRANS-**  
20 **FERRED FROM UNITED STATES NAVAL STA-**  
21 **TION, GUANTANAMO BAY, CUBA.**

22 (a) IN GENERAL.—No amounts authorized to be ap-  
23 propriated or otherwise made available for the Depart-  
24 ment of Defense may be used during the period beginning  
25 on the date of the enactment of this Act and ending on  
26 December 31, 2018, to construct or modify any facility

1 in the United States, its territories, or possessions to  
2 house any individual detained at Guantanamo for the pur-  
3 poses of detention or imprisonment in the custody or  
4 under the control of the Department of Defense.

5 (b) EXCEPTION.—The prohibition in subsection (a)  
6 shall not apply to any modification of facilities at United  
7 States Naval Station, Guantanamo Bay, Cuba.

8 (c) INDIVIDUAL DETAINED AT GUANTANAMO DE-  
9 FINED.—In this section, the term “individual detained at  
10 Guantanamo” has the meaning given that term in section  
11 1034(f)(2) of the National Defense Authorization Act for  
12 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 971; 10  
13 U.S.C. 801 note).

14 **SEC. 1035. PROHIBITION ON USE OF FUNDS FOR TRANSFER**  
15 **OR RELEASE OF INDIVIDUALS DETAINED AT**  
16 **UNITED STATES NAVAL STATION, GUANTA-**  
17 **NAMO BAY, CUBA, TO CERTAIN COUNTRIES.**

18 No amounts authorized to be appropriated or other-  
19 wise made available for the Department of Defense may  
20 be used during the period beginning on the date of the  
21 enactment of this Act and ending on December 31, 2018,  
22 to transfer, release, or assist in the transfer or release of  
23 any individual detained in the custody or under the control  
24 of the Department of Defense at United States Naval Sta-  
25 tion, Guantanamo Bay, Cuba, to the custody or control

1 of any country, or any entity within such country, as fol-  
2 lows:

3 (1) Libya.

4 (2) Somalia.

5 (3) Syria.

6 (4) Yemen.

7 **SEC. 1036. PROHIBITION ON USE OF FUNDS TO CLOSE OR**  
8 **RELINQUISH CONTROL OF UNITED STATES**  
9 **NAVAL STATION, GUANTANAMO BAY, CUBA.**

10 None of the funds authorized to be appropriated or  
11 otherwise made available for the Department of Defense  
12 for fiscal year 2018 may be used—

13 (1) to close or abandon United States Naval  
14 Station, Guantanamo Bay, Cuba;

15 (2) to relinquish control of Guantanamo Bay to  
16 the Republic of Cuba; or

17 (3) to implement a material modification to the  
18 Treaty Between the United States of America and  
19 Cuba signed at Washington, D.C. on May 29, 1934,  
20 that constructively closes United States Naval Sta-  
21 tion, Guantanamo Bay.

1 **SEC. 1037. SENSE OF CONGRESS REGARDING PROVIDING**  
2 **FOR TIMELY VICTIM AND FAMILY TESTIMONY**  
3 **IN MILITARY COMMISSION TRIALS.**

4 It is the sense of Congress that in the interests of  
5 justice, efficiency, and providing closure to victims of ter-  
6 rorism and their families, military judges overseeing mili-  
7 tary commissions in United States Naval Station, Guanta-  
8 namo Bay, Cuba, should consider making arrangements  
9 to take recorded testimony from victims and their families  
10 should they wish to provide testimony before such a com-  
11 mission.

12 **SEC. 1038. REPORT ON PUBLIC AVAILABILITY OF MILITARY**  
13 **COMMISSIONS PROCEEDINGS.**

14 (a) GAO STUDY.—The Comptroller General of the  
15 United States shall conduct a study on the feasibility and  
16 advisability of expanding the public availability of military  
17 commissions proceedings that are made open to the public.

18 (b) REPORT TO CONGRESS.—

19 (1) INTERIM REPORT.—Not later than April 1,  
20 2018, the Comptroller General shall submit to the  
21 Committees on Armed Services of the Senate and of  
22 the House of Representatives a report containing the  
23 interim findings of the Comptroller General pursu-  
24 ant to the study required by subsection (a).

25 (2) FINAL REPORT.—Not later than one year  
26 after the date of the enactment of this Act, the

1 Comptroller General shall submit to the Committees  
2 on Armed Services of the Senate and of the House  
3 of Representatives a final report on the findings and  
4 recommendations of the Comptroller General pursu-  
5 ant to such study.

6 (3) FORM OF REPORTS.—The reports required  
7 by this subsection shall be submitted in unclassified  
8 form, but may contain a classified annex.

9 **Subtitle E—Miscellaneous**  
10 **Authorities and Limitations**

11 **SEC. 1041. LIMITATION ON EXPENDITURE OF FUNDS FOR**  
12 **EMERGENCY AND EXTRAORDINARY EX-**  
13 **PENSES FOR INTELLIGENCE AND COUNTER-**  
14 **INTELLIGENCE ACTIVITIES.**

15 (a) LIMITATION.—Subsection (c) of section 127 of  
16 title 10, United States Code, is amended by adding at the  
17 end the following new paragraph:

18 “(4)(A) Notwithstanding paragraph (1), funds may  
19 not be obligated or expended in an amount in excess of  
20 \$100,000 under the authority of subsection (a) or (b) for  
21 intelligence or counter-intelligence activities until the Sec-  
22 retary of Defense has notified the congressional defense  
23 committees and the congressional intelligence committees  
24 of the intent to obligate or expend the funds and 15 days  
25 have elapsed since the date of the notification.

1       “(B) The Secretary of Defense may waive subpara-  
2 graph (A) if the Secretary determines that such a waiver  
3 is necessary due to extraordinary circumstances that af-  
4 fect the national security of the United States. If the Sec-  
5 retary issues a waiver under this subparagraph, the Sec-  
6 retary shall submit to the congressional defense and con-  
7 gressional intelligence committees, by not later than 48  
8 hours after issuing the waiver, written notice of and jus-  
9 tification for the waiver.”.

10       (b) ANNUAL REPORT.—Subsection (d) of such sec-  
11 tion is amended—

12           (1) by striking “Not later” and inserting “(1)  
13 Not later”;

14           (2) by striking “to the congressional defense  
15 committees” and all that follows through the period  
16 at the end and inserting an em dash; and

17           (3) by adding at the end the following:

18           “(A) to the congressional defense committees a  
19 report on all expenditures during the preceding fiscal  
20 year under subsections (a) and (b); and

21           “(B) to the congressional intelligence commit-  
22 tees a report on expenditures relating to intelligence  
23 and counter-intelligence during the preceding fiscal  
24 year under subsections (a) and (b).

1       “(2) Each report required to be submitted under  
2 paragraph (1) shall include a detailed explanation, by cat-  
3 egory of activity and approving authority (the Secretary  
4 of Defense, the Inspector General of the Department of  
5 Defense, and the Secretary of a military department), of  
6 the expenditures during the preceding fiscal year.”.

7       (c) DEFINITION.—Such section is further amended  
8 by adding at the end the following new subsection:

9       “(e) DEFINITION OF CONGRESSIONAL INTEL-  
10 LIGENCE COMMITTEES.—In this section, the term ‘con-  
11 gressional intelligence committees’ means the Permanent  
12 Select Committee on Intelligence of the House of Rep-  
13 resentatives and the Select Committee on Intelligence of  
14 the Senate.”.

15       (d) REPORT ON INTELLIGENCE AND COUNTER-IN-  
16 TELLIGENCE FUNDING AUTHORITIES.—Not later than 90  
17 days after the date of the enactment of this Act, the Sec-  
18 retary of Defense shall submit to the congressional defense  
19 and intelligence committees a report describing current  
20 and, if necessary, any required, funding authorities to sus-  
21 tain recurring expenses for intelligence and counter-intel-  
22 ligence activities in lieu of section 127 of title 10, United  
23 States Code. Such report shall include a description of the  
24 potential benefits and negative consequences of the codi-  
25 fication of a distinct authority for such purposes.

1 **SEC. 1042. MATTERS RELATING TO THE SUBMITTAL OF FU-**  
2 **TURE-YEARS DEFENSE PROGRAMS.**

3 (a) **TIMING OF SUBMITTAL TO CONGRESS.**—Sub-  
4 section (a) of section 221 of title 10, United States Code,  
5 is amended by striking “at or about the time that” and  
6 inserting “not later than five days after the date on  
7 which”.

8 (b) **MANNER AND FORM OF SUBMITTAL.**—Such sec-  
9 tion is further amended by adding at the end the following  
10 new subsection:

11 “(d)(1) The Secretary of Defense shall make avail-  
12 able to Congress, the Congressional Budget Office, the  
13 Comptroller General of the United States, and the Con-  
14 gressional Research Service each future-years defense pro-  
15 gram under this section as follows:

16 “(A) By making such program available elec-  
17 tronically in the form of an unclassified electronic  
18 database.

19 “(B) By delivering printed copies of such pro-  
20 gram to the congressional defense committees.

21 “(2) In the event inclusion of classified material in  
22 a future-years defense program would otherwise render  
23 the totality of the program classified for purposes of this  
24 subsection—



1           “(A) such program shall be made available to  
2 Congress in unclassified form, with such material at-  
3 tached as a classified annex; and

4           “(B) such annex shall be submitted to the con-  
5 gressional defense committees, the Congressional  
6 Budget Office, the Comptroller General of the  
7 United States, and the Congressional Research Serv-  
8 ice.”.

9           (c) ACCURACY OF INFORMATION.—Such section is  
10 further amended by adding at the end the following new  
11 subsection:

12           “(e) Each future-years defense program under this  
13 subsection shall be accompanied by a certification by the  
14 Under Secretary of Defense (Comptroller), in the case of  
15 the Department of Defense, and the comptroller of each  
16 military department, in the case of such military depart-  
17 ment, that any information entered into the Standard  
18 Data Collection System of the Department of Defense, the  
19 Comptroller Information System, or any other data sys-  
20 tem, as applicable, for purposes of assembling such future-  
21 years defense program was accurate.”.

22           (d) EFFECTIVE DATE.—The amendments made by  
23 this section shall take effect on the date of the enactment  
24 of this Act, and shall apply to future-years defense pro-

1 grams submitted at the time of budgets of the President  
2 for fiscal years beginning after fiscal year 2018.

3 (e) DOD GUIDANCE.—The Secretary of Defense  
4 shall, in coordination with the Under Secretary of Defense  
5 (Comptroller), update Department of Defense Financial  
6 Management Regulation 7000.14–R, and any other appro-  
7 priate instructions and guidance, to ensure that the De-  
8 partment of Defense takes appropriate actions to comply  
9 with the amendments made by this section in the sub-  
10 mittal of future-years defense programs in calendar years  
11 after calendar year 2017.

12 **SEC. 1043. MODIFICATIONS TO HUMANITARIAN DEMINING**  
13 **ASSISTANCE AUTHORITIES.**

14 (a) MODIFICATION TO THE ROLE OF ARMED FORCES  
15 IN PROVIDING HUMANITARIAN DEMINING ASSISTANCE.—  
16 Subsection (a)(3) of section 407 of title 10, United States  
17 Code, is amended—

18 (1) in the matter preceding subparagraph (A),  
19 by striking “or stockpiled conventional munitions as-  
20 sistance”; and

21 (2) in subparagraph (A)—

22 (A) by inserting “, unexploded explosive  
23 ordnance,” after “landmines”; and

24 (B) by striking “, or stockpiled conven-  
25 tional munitions, as applicable”.

1 (b) MODIFICATION TO DEFINITION OF HUMANI-  
2 TARIAN DEMINING ASSISTANCE.—Subsection (e)(1) of  
3 such section is amended—

4 (1) by inserting “, unexploded explosive ord-  
5 nance,” after “landmines” in each place it appears;  
6 and

7 (2) by striking “, and the disposal” and all that  
8 follows and inserting a period.

9 (c) MODIFICATION TO DEFINITION OF STOCKPILED  
10 CONVENTIONAL MUNITIONS ASSISTANCE.—Subsection  
11 (e)(2) of such section is amended, in the second sentence,  
12 by striking “, the detection and clearance of landmines  
13 and other explosive remnants of war,”.

14 **SEC. 1044. PROHIBITION ON CHARGE OF CERTAIN TARIFFS**  
15 **ON AIRCRAFT TRAVELING THROUGH CHAN-**  
16 **NEL ROUTES.**

17 (a) IN GENERAL.—Chapter 157 of title 10, United  
18 States Code, is amended by adding at the end the fol-  
19 lowing new section:

20 **“§ 2652. Prohibition on charge of certain tariffs on**  
21 **aircraft traveling through channel routes**

22 “The United States Transportation Command may  
23 not charge a tariff by reason of the use by a military serv-  
24 ice of an aircraft of that military service on a route des-

1 ignated by the United States Transportation Command as  
2 a channel route.”.

3 (b) CLERICAL AMENDMENT.—The table of sections  
4 at the beginning of such chapter is amended by adding  
5 at the end the following new item:

“2652. Prohibition on charge of certain tariffs on aircraft traveling through  
channel routes.”.

6 **SEC. 1045. PROHIBITION ON LOBBYING ACTIVITIES WITH**  
7 **RESPECT TO THE DEPARTMENT OF DEFENSE**  
8 **BY CERTAIN OFFICERS OF THE ARMED**  
9 **FORCES AND CIVILIAN EMPLOYEES OF THE**  
10 **DEPARTMENT FOLLOWING SEPARATION**  
11 **FROM MILITARY SERVICE OR EMPLOYMENT**  
12 **WITH THE DEPARTMENT.**

13 (a) TWO-YEAR PROHIBITION.—

14 (1) PROHIBITION.—An individual described in  
15 paragraph (2) may not engage in lobbying activities  
16 with respect to the Department of Defense during  
17 the two-year period beginning on the date of retire-  
18 ment or separation from service in the Armed  
19 Forces or the date of retirement or separation from  
20 service with the Department, as applicable.

21 (2) COVERED INDIVIDUALS.—An individual de-  
22 scribed in this paragraph is the following:

1 (A) An officer of the Armed Forces in  
2 grade O–9 or higher at the time of retirement  
3 or separation from the Armed Forces.

4 (B) A civilian employee of the Department  
5 of Defense who had a civilian grade equivalent  
6 to a military grade specified in subparagraph  
7 (A) at the time of the employee’s retirement or  
8 separation from service with the Department.

9 (b) ONE-YEAR PROHIBITION.—

10 (1) PROHIBITION.—An individual described in  
11 paragraph (2) may not engage in lobbying activities  
12 with respect to the Department of Defense during  
13 the one-year period beginning on the date of retire-  
14 ment or separation from service in the Armed  
15 Forces or the date of retirement or separation from  
16 service with the Department, as applicable.

17 (2) COVERED INDIVIDUALS.—An individual de-  
18 scribed in this paragraph is the following:

19 (A) An officer of the Armed Forces in  
20 grade O–7 or O–8 at the time of retirement or  
21 separation from the Armed Forces.

22 (B) A civilian employee of the Department  
23 of Defense who had a civilian grade equivalent  
24 to a military grade specified in subparagraph

1 (A) at the time of the employee's retirement or  
2 separation from service with the Department.

3 (c) DEFINITIONS.—In this section:

4 (1) The term “lobbying activities with respect  
5 to the Department of Defense” means the following:

6 (A) Lobbying contacts and other lobbying  
7 activities with covered executive branch officials  
8 with respect to the Department of Defense.

9 (B) Lobbying contacts with covered execu-  
10 tive branch officials described in subparagraphs  
11 (C) through (F) of section 3(3) of the Lobbying  
12 Disclosure Act of 1995 (2 U.S.C. 1602(3)) in  
13 the Department of Defense.

14 (2) The terms “lobbying activities” and “lob-  
15 bying contacts” have the meaning given such terms  
16 in section 3 of the Lobbying Disclosure Act of 1995  
17 (2 U.S.C. 1602).

18 (3) The term “covered executive branch offi-  
19 cial” has the meaning given that term in section  
20 3(3) of the Lobbying Disclosure Act of 1995 (2  
21 U.S.C. 1602(3)).

1 **SEC. 1046. PROHIBITION ON USE OF FUNDS FOR RETIRE-**  
2 **MENT OF LEGACY MARITIME MINE COUNTER-**  
3 **MEASURES PLATFORMS.**

4 (a) PROHIBITION.—Except as provided in subsection  
5 (b), the Secretary of the Navy may not obligate or expend  
6 funds to—

7 (1) retire, prepare to retire, transfer, or place  
8 in storage any AVENGER-class mine counter-  
9 measures ship or associated equipment;

10 (2) retire, prepare to retire, transfer, or place  
11 in storage any SEA DRAGON (MH-53) helicopter  
12 or associated equipment;

13 (3) make any reductions to manning levels with  
14 respect to any AVENGER-class mine counter-  
15 measures ship; or

16 (4) make any reductions to manning levels with  
17 respect to any SEA DRAGON helicopter squadron  
18 or detachment.

19 (b) WAIVER.—The Secretary of the Navy may waive  
20 the prohibition under subsection (a)—

21 (1) with respect to an AVENGER-class ship or  
22 a SEA DRAGON helicopter, if the Secretary cer-  
23 tifies to the congressional defense committees that  
24 the Secretary has—

25 (A) identified a replacement capability and  
26 the necessary quantity of such systems to meet

1 all combatant commander mine counter-  
2 measures operational requirements that are cur-  
3 rently being met by the ship or helicopter to be  
4 retired, transferred, or placed in storage;

5 (B) achieved initial operational capability  
6 of all systems described in subparagraph (A);  
7 and

8 (C) deployed a sufficient quantity of sys-  
9 tems described in subparagraph (A) that have  
10 achieved initial operational capability to con-  
11 tinue to meet or exceed all combatant com-  
12 mander mine countermeasures operational re-  
13 quirements currently being met by the ship or  
14 helicopter to be retired, transferred, or placed  
15 in storage; or

16 (2) with respect to a SEA DRAGON helicopter,  
17 if the Secretary certifies to such committees that the  
18 Secretary has determined, on a case-by-case basis,  
19 that such a helicopter is non-operational because of  
20 a mishap or other damage or because it is uneco-  
21 nomical to repair.



1 **SEC. 1047. REPORT ON WESTERN PACIFIC OCEAN SHIP**  
2 **DEPOT MAINTENANCE CAPABILITY AND CA-**  
3 **PACITY.**

4 (a) LIMITATION OF USE OF FUNDS.—Not more than  
5 75 percent of the amount authorized to be appropriated  
6 by this Act for Secretary of the Navy for emergency and  
7 extraordinary expenses may be obligated or expended be-  
8 fore the date on which the report required by subsection  
9 (b) is submitted to the congressional defense committees.

10 (b) REPORT REQUIRED.—

11 (1) IN GENERAL.—The Secretary of the Navy  
12 shall submit to the congressional defense committees  
13 a report on the ship depot maintenance capability  
14 and capacity required for Navy ships operating in  
15 the western Pacific Ocean. The report shall include  
16 each of the following:

17 (A) An analysis of the requirements relat-  
18 ing to Navy ship depot maintenance during  
19 peacetime and in response to the most likely,  
20 stressing, and dangerous contingency scenarios.

21 (B) A description of the extent to which  
22 the existing Navy ship depot capacity can meet  
23 the requirements described in subparagraph  
24 (A).

1 (C) A description of any specific shortfalls  
2 in such capability or capacity with respect to  
3 meeting such requirements.

4 (D) An analysis of options to address any  
5 shortfalls described in subparagraph (C).

6 (2) FORM OF REPORT.—The report required  
7 under this subsection shall be submitted in unclassi-  
8 fied form, but may contain a classified annex.

9 (c) CERTIFICATION REQUIRED.—Not later than 90  
10 days after the submittal of the report required by sub-  
11 section (b), the Secretary of Defense shall submit to the  
12 congressional defense committees a certification—

13 (1) that the current ship depot maintenance ca-  
14 pability and capacity, including drydocks, in the  
15 western Pacific Ocean are sufficient to meet peace-  
16 time and contingency requirements; or

17 (2) certification that such capability and capac-  
18 ity are not sufficient and a description of the options  
19 being pursued to address areas of insufficiency.

20 (d) BUSINESS CASE ANALYSIS REQUIRED.—

21 (1) IN GENERAL.—Not later than September  
22 30, 2018, the Secretary of the Navy shall submit to  
23 the congressional defense committees a business case  
24 analysis of the options described in paragraph (2)

1 that includes the analysis described in paragraph  
2 (3).

3 (2) OPTIONS TO BE INCLUDED.—The business  
4 case analysis required by paragraph (1) shall cover  
5 options that could increase the Navy depot-level ship  
6 repair capacity and capabilities in the western Pa-  
7 cific Ocean, including the following four courses of  
8 action:

9 (A) Enhancing current maintenance capa-  
10 bility and capacity by repairing Lima Wharf,  
11 United States Naval Base, Guam.

12 (B) Adding drydock capability and capaci-  
13 ty with associated facilities for conventionally-  
14 powered ships.

15 (C) Adding drydock capability and capacity  
16 with associated facilities for nuclear-powered  
17 submarines.

18 (D) Maintaining the status quo with re-  
19 spect to the ship repair capabilities and capaci-  
20 ty in the western Pacific Ocean.

21 (3) ANALYSIS OF OPTIONS.—For each course of  
22 action listed in paragraph (2), the Secretary shall in-  
23 clude an analysis of the following:

24 (A) Any additional maintenance actions  
25 that would be possible with respect to the

1 course of action and estimated use during  
2 peacetime and during the most likely, stressing  
3 and dangerous contingency operations.

4 (B) Any additional infrastructure, includ-  
5 ing facilities and equipment, that would be nec-  
6 essary to carry out the course of action.

7 (C) The military, civilian, and contractor  
8 personnel requirements to reach full operational  
9 capability with respect to the course of action,  
10 including personnel to be assigned on both a  
11 temporary and permanent basis.

12 (D) A description of how the course of ac-  
13 tion would improve materiel readiness and oper-  
14 ational availability of ships operating in the Pa-  
15 cific.

16 (E) The estimated cost and schedule to im-  
17 plement the course of action, including detailed  
18 estimates for major cost elements.

19 (F) In the case of a course of action de-  
20 scribed in subparagraph (B) or (C) of para-  
21 graph (2), an evaluation of acquisition strate-  
22 gies (including procurement, leasing, public-pri-  
23 vate partnerships, and enhanced use leases) and  
24 an identification of the desired ship tonnage  
25 each drydock would be able to accommodate.

1 **SEC. 1048. ANNUAL TRAINING REGARDING THE INFLUENCE**  
2 **CAMPAIGN OF THE RUSSIAN FEDERATION.**

3 In addition to any currently mandated training, the  
4 Secretary of Defense may furnish annual training to all  
5 members of the Armed Forces and all civilian employees  
6 of the Department of Defense, regarding attempts by the  
7 Russian Federation and its proxies and agents to influence  
8 and recruit members of the Armed Forces as part of its  
9 influence campaign.

10 **SEC. 1049. WORKFORCE ISSUES FOR MILITARY REALIGN-**  
11 **MENTS IN THE PACIFIC.**

12 (a) IN GENERAL.—Section 6(b) of the Joint Resolu-  
13 tion entitled “A Joint Resolution to approve the ‘Covenant  
14 To Establish a Commonwealth of the Northern Mariana  
15 Islands in Political Union With the United States of  
16 America’, and for other purposes”, approved March 24,  
17 1976 (48 U.S.C. 1806(b)) is amended to read as follows:

18 “(b) NUMERICAL LIMITATIONS FOR NONIMMIGRANT  
19 WORKERS.—

20 “(1) IN GENERAL.—

21 “(A) NONIMMIGRANT WORKERS GEN-  
22 ERALLY.—An alien, if otherwise qualified, may  
23 seek admission to Guam or to the Common-  
24 wealth during the transition program as a non-  
25 immigrant worker under section 101(a)(15)(H)  
26 of the Immigration and Nationality Act (8 USC

1 1101(a)(15)(H)) without counting against the  
2 numerical limitations set forth in section 214(g)  
3 of such Act (8 USC 1184(g)).

4 “(B) H-2B WORKERS.—In the case of  
5 such an alien who seeks admission under sec-  
6 tion 101(a)(15)(H)(ii)(b) of such Act, such  
7 alien, if otherwise qualified, may, before Octo-  
8 ber 1, 2023, be admitted under such section for  
9 a period of up to 3 years to perform service or  
10 labor on Guam or the Commonwealth pursuant  
11 to any agreement entered into by a prime con-  
12 tractor or subcontractor calling for services or  
13 labor required for performance of a contract or  
14 subcontract for construction, repairs, renova-  
15 tions, or facility services that is directly con-  
16 nected to, or associated with, the military re-  
17 alignment occurring on Guam and the Com-  
18 monwealth, notwithstanding the requirement of  
19 such section that the service or labor be tem-  
20 porary.

21 “(2) LIMITATIONS.—

22 “(A) NUMERICAL LIMITATION.—For any  
23 fiscal year, not more 4,000 aliens may be ad-  
24 mitted to Guam and the Commonwealth pursu-  
25 ant to paragraph (1)(B).

1           “(B) LOCATION.—Paragraph (1)(B) does  
2           not apply with respect to the performance of  
3           services or labor at a location other than Guam  
4           or the Commonwealth.”.

5           (b) CERTIFICATION REQUIRED.—Upon conclusion of  
6 all required agreements between the Secretary of Defense  
7 and the heads of relevant Federal agencies, the Common-  
8 wealth of the Northern Mariana Islands (including the  
9 Commonwealth Port Authority), and local agencies to sup-  
10 port the required construction and operation of the divert  
11 activities and exercises program of the Air Force in the  
12 Commonwealth of the Northern Mariana Islands and the  
13 Commonwealth of the Northern Mariana Islands joint  
14 military training program of the Marine Corps, the Sec-  
15 retary shall submit to the congressional defense commit-  
16 tees certification of such conclusion and a report describ-  
17 ing such agreements.

18           (c) EFFECTIVE DATES.—The amendment made by  
19 subsection (a) shall take effect on the date of the enact-  
20 ment of this Act and shall apply as follows:

21           (1) In the case of services or labor to be per-  
22 formed on Guam, such amendment shall apply be-  
23 ginning on the date that is 120 days after the date  
24 of the enactment of this Act.

1           (2) In the case of services or labor to be per-  
2           formed on the Common Wealth of the Northern  
3           Mariana Islands, such amendment shall apply begin-  
4           ning on the later of—

5                   (A) the date that is 120 days after the  
6                   date of the submittal of the certification and re-  
7                   port required under subsection (b); or

8                   (B) the date on which the transition pro-  
9                   gram ends under section 6(a)(2) of the Joint  
10                  Resolution entitled “A Joint Resolution to ap-  
11                  prove the ‘Covenant To Establish a Common-  
12                  wealth of the Northern Mariana Islands in Po-  
13                  litical Union With the United States of Amer-  
14                  ica’, and for other purposes”, approved March  
15                  24, 1976 (48 U.S.C. 1806(a)(2)).

## 16       **Subtitle F—Studies and Reports**

### 17       **SEC. 1051. ELIMINATION OF REPORTING REQUIREMENTS**

18                               **TERMINATED AFTER NOVEMBER 25, 2017,**  
19                               **PURSUANT TO SECTION 1080 OF THE NA-**  
20                               **TIONAL DEFENSE AUTHORIZATION ACT FOR**  
21                               **FISCAL YEAR 2016.**

22           (a) TITLE 10, UNITED STATES CODE.—Title 10,  
23       United States Code, is amended as follows:

24                   (1) SECTION 113 REPORTS.—



1 (A) RESERVE FORCES POLICY BOARD RE-  
2 PORT.—Section 113(c) is amended—

3 (i) by striking paragraph (2);  
4 (ii) by striking “(1)” after “(c)”; and  
5 (iii) by redesignating subparagraphs  
6 (A), (B), and (C) as paragraphs (1), (2),  
7 and (3), respectively.

8 (B) TOTAL FORCE MANAGEMENT RE-  
9 PORT.—Section 113 is amended by striking  
10 subsection (1).

11 (2) DIVERSITY IN MILITARY LEADERSHIP RE-  
12 PORT.—Section 115a(g) is amended by striking  
13 “during fiscal years 2013 through 2017”.

14 (3) DEFENSE INDUSTRIAL SECURITY RE-  
15 PORT.—Section 428 is amended by striking sub-  
16 section (f).

17 (4) MILITARY MUSICAL UNITS GIFT REPORT.—  
18 Section 974(d) is amended by striking paragraph  
19 (3).

20 (5) HEALTH PROTECTION QUALITY REPORT.—  
21 Section 1073b is amended—

22 (A) by striking subsection (a); and  
23 (B) by redesignating subsections (b) and  
24 (c) as subsections (a) and (b), respectively.

1           (6) MASTER PLANS FOR REDUCTIONS IN CIVIL-  
2           IAN POSITIONS.—

3           (A) IN GENERAL.—Section 1597 is amend-  
4           ed—

5                     (i) by striking subsection (e);

6                     (ii) by striking subsections (d), (e),  
7                     and (f) as subsections (c), (d), and (e), re-  
8                     spectively; and

9                     (iii) in subsection (c), as redesignated,  
10                    by striking “or a master plan prepared  
11                    under subsection (c)”.

12           (B) CONFORMING AMENDMENTS.—Section  
13           129a(d) is amended—

14                     (i) by striking paragraphs (1) and (2);  
15                     and

16                     (ii) by redesignating paragraphs (3)  
17                     and (4) as paragraphs (1) and (2), respec-  
18                     tively.

19           (7) ACQUISITION WORKFORCE DEVELOPMENT  
20           FUND REPORT.—Section 1705 is amended—

21                     (A) in subsection (e)(1), by striking “sub-  
22                     section (h)(2)” and inserting “subsection  
23                     (g)(2)”;

24                     (B) by striking subsection (f); and

1 (C) by redesignating subsections (g) and  
2 (h) as subsections (f) and (g), respectively.

3 (8) ACQUISITION CORPS REPORT.—Section  
4 1722b is amended by striking subsection (c).

5 (9) MILITARY FAMILY READINESS REPORT.—  
6 Section 1781b is amended by striking subsection (d).

7 (10) PROFESSIONAL MILITARY EDUCATION RE-  
8 PORT.—

9 (A) ELIMINATION.—Section 2157 is re-  
10 pealed.

11 (B) CLERICAL AMENDMENT.—The table of  
12 sections at the beginning of chapter 107 is  
13 amended by striking the item relating to section  
14 2157.

15 (11) DEPARTMENT OF DEFENSE CONFERENCES  
16 FEE-COLLECTION REPORT.—Section 2262 is amend-  
17 ed by striking subsection (d).

18 (12) UNITED STATES CONTRIBUTIONS TO NATO  
19 COMMON-FUNDED BUDGETS REPORT.—Section 2263  
20 is amended—

21 (A) by striking subsection (b); and

22 (B) by redesignating subsection (c) as sub-  
23 section (b).

24 (13) FOREIGN COUNTER-SPACE PROGRAMS RE-  
25 PORT.—

1 (A) ELIMINATION.—Section 2277 is re-  
2 pealed.

3 (B) CLERICAL AMENDMENT.—The table of  
4 sections at the beginning of chapter 135 is  
5 amended by striking the item relating to section  
6 2277.

7 (14) USE OF MULTIYEAR CONTRACTS RE-  
8 PORT.—Section 2306b(1)(4) is amended by striking  
9 “Not later than” and all that follows through the  
10 colon and inserting the following: “Each report re-  
11 quired by paragraph (5) with respect to a contract  
12 (or contract extension) shall contain the following:”.

13 (15) BURDEN SHARING CONTRIBUTIONS RE-  
14 PORT.—Section 2350j is amended by striking sub-  
15 section (f).

16 (16) CONTRACT PROHIBITION WAIVER RE-  
17 PORT.—Section 2410i(c) is amended by striking the  
18 second sentence.

19 (17) STRATEGIC SOURCING PLAN OF ACTION  
20 REPORT.—Subsection (a) of section 2475 is amend-  
21 ed to read as follows:

22 “(a) STRATEGIC SOURCING PLAN OF ACTION DE-  
23 FINED.—In this section, the term ‘Strategic Sourcing  
24 Plan of Action’ means a Strategic Sourcing Plan of Action  
25 for the Department of Defense (as identified in the De-

1 partment of Defense Interim Guidance dated February  
2 29, 2000, or any successor Department of Defense guid-  
3 ance or directive) in effect for a fiscal year.”.

4 (18) TECHNOLOGY AND INDUSTRIAL BASE POL-  
5 ICY GUIDANCE REPORT.—Section 2506 is amend-  
6 ed—

7 (A) by striking subsection (b); and

8 (B) in subsection (a), by striking “Such  
9 guidance” and inserting the following:

10 “(b) PURPOSE OF GUIDANCE.—The guidance pre-  
11 scribed pursuant to subsection (a)”.

12 (19) FOREIGN-CONTROLLED CONTRACTORS RE-  
13 PORT.—Section 2537 is amended—

14 (A) by striking subsection (b); and

15 (B) by redesignating subsection (c) as sub-  
16 section (b).

17 (20) SUPPORT FOR SPORTING EVENTS RE-  
18 PORT.—Section 2564 is amended—

19 (A) in subsection (b)(3), by striking “sec-  
20 tion 377” and inserting “section 277”;

21 (B) by striking subsection (e);

22 (C) by redesignating subsections (f) and  
23 (g) as subsections (e) and (f), respectively; and

1 (D) in subsection (e), as so redesignated,  
2 by “striking sections 375 and 376” and insert-  
3 ing “sections 275 and 276”.

4 (21) GENERAL AND FLAG OFFICER QUARTERS  
5 REPORT.—Section 2831 is amended—

6 (A) by striking subsection (e);

7 (B) by redesignating subsection (f) as sub-  
8 section (e); and

9 (C) in subsection (e), as so redesignated—

10 (i) by striking “(1) Except as pro-  
11 vided in paragraphs (2) and (3), the Sec-  
12 retary” and inserting “The Secretary”;

13 (ii) by striking paragraphs (2) and  
14 (3); and

15 (iii) by redesignating subparagraphs  
16 (A) and (B) as paragraphs (1) and (2), re-  
17 spectively.

18 (22) MILITARY INSTALLATIONS VULNERABILITY  
19 ASSESSMENT REPORTS.—Section 2859 is amended—

20 (A) by striking subsection (c); and

21 (B) by redesignating subsection (d) as sub-  
22 section (c).

23 (23) INDUSTRIAL FACILITY INVESTMENT PRO-  
24 GRAM CONSTRUCTION REPORT.—Section 2861 is  
25 amended by striking subsection (d).

1           (24) STATEMENT OF AMOUNTS AVAILABLE FOR  
2 WATER CONSERVATION AT MILITARY INSTALLA-  
3 TIONS.—Section 2866(b) is amended by striking  
4 paragraph (3).

5           (25) ACQUISITION OR CONSTRUCTION OF MILI-  
6 TARY UNACCOMPANIED HOUSING PILOT PROJECTS  
7 REPORT.—Section 2881a is amended by striking  
8 subsection (e).

9           (26) STATEMENT OF AMOUNTS AVAILABLE  
10 FROM ENERGY COST SAVINGS.—Section 2912 is  
11 amended by striking subsection (d).

12           (27) ARMY TRAINING REPORT.—

13           (A) ELIMINATION.—Section 4316 is re-  
14 pealed.

15           (B) CLERICAL AMENDMENT.—The table of  
16 sections at the beginning of chapter 401 is  
17 amended by striking the item relating to section  
18 4316.

19           (28) STATE OF THE ARMY RESERVE REPORT.—  
20 Section 3038(f) is amended—

21           (A) by striking “(1)” before “The”; and

22           (B) by striking paragraph (2).

23           (29) STATE OF THE MARINE CORPS RESERVE  
24 REPORT.—Section 5144(d) is amended—

25           (A) by striking “(1)” before “The”; and

1 (B) by striking paragraph (2).

2 (30) STATE OF THE AIR FORCE RESERVE RE-  
3 PORT.—Section 8038(f) is amended—

4 (A) by striking “(1)” before “The”; and

5 (B) by striking paragraph (2).

6 (b) DEPARTMENT OF DEFENSE AUTHORIZATION  
7 ACT, 1985.—Section 1003 of the Department of Defense  
8 Authorization Act, 1985 (Public Law 98–525; 22 U.S.C.  
9 1928 note), relating to an annual report on allied con-  
10 tributions to the common defense, is amended by striking  
11 subsections (c) and (d).

12 (c) NATIONAL DEFENSE AUTHORIZATION ACT, FIS-  
13 CAL YEAR 1989.—Section 1009 of the National Defense  
14 Authorization Act, Fiscal Year 1989 (Public Law 100–  
15 456; 22 U.S.C. 1928 note), relating to an annual report  
16 on the official development assistance program of Japan,  
17 is amended by striking subsection (b).

18 (d) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
19 FISCAL YEAR 1991.—Section 1518 of the Defense Au-  
20 thorization Act for Fiscal Year 1991 (Public Law 101–  
21 510; 24 U.S.C. 418), relating to reports on the results  
22 of inspection of Armed Forces Retirement Homes, is  
23 amended—

24 (1) in subsection (c)(1), by striking “Congress  
25 and”; and



1 (2) in subsection (e)—

2 (A) by striking paragraph (2);

3 (B) by striking “(1)” before “Not later”;

4 and

5 (C) by redesignating subparagraphs (A)

6 and (B) as paragraphs (1) and (2), respectively.

7 (e) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
8 FISCAL YEARS 1992 AND 1993.—Section 1046 of the Na-  
9 tional Defense Authorization Act for Fiscal Years 1992  
10 and 1993 (Public Law 102–190; 22 U.S.C. 1928 note),  
11 relating to an annual report on defense cost-sharing, is  
12 amended by striking subsections (e) and (f).

13 (f) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
14 FISCAL YEAR 1994.—Section 1603 of the National De-  
15 fense Authorization Act for Fiscal Year 1994 (Public Law  
16 103–160; 22 U.S.C. 2751 note), relating to an annual re-  
17 port on counterproliferation policy and programs of the  
18 United States, is amended by striking subsection (d).

19 (g) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
20 FISCAL YEAR 1995.—Section 533 of the National Defense  
21 Authorization Act for Fiscal Year 1995 (Public Law 103–  
22 337; 10 U.S.C. 113 note), relating to an annual report  
23 on personnel readiness factors by race and gender, is re-  
24 pealed.

1 (h) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
2 FISCAL YEAR 2000.—Section 366 of the National Defense  
3 Authorization Act for Fiscal Year 2000 (Public Law 106–  
4 65; 10 U.S.C. 113 note), relating to an annual report on  
5 spare parts, logistics, and sustainment standards, is  
6 amended by striking subsection (f).

7 (i) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
8 FISCAL YEAR 2002.—The National Defense Authoriza-  
9 tion Act for Fiscal Year 2002 (Public Law 107–107) is  
10 amended as follows:

11 (1) ARMY WORKLOAD AND PERFORMANCE SYS-  
12 TEM REPORT.—Section 346 (115 Stat. 1062) is  
13 amended—

14 (A) by striking subsections (b) and (c);

15 and

16 (B) by redesignating subsection (d) as sub-  
17 section (b).

18 (2) RELIABILITY OF FINANCIAL STATEMENTS  
19 REPORT.—Section 1008(d) (10 U.S.C. 113 note) is  
20 amended—

21 (A) by striking “(1)” before “On each”;

22 and

23 (B) by striking paragraph (2).

24 (j) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
25 FISCAL YEAR 2003.—Section 817 of the Bob Stump Na-

1 tional Defense Authorization Act for Fiscal Year 2003  
2 (Public Law 107–314; 10 U.S.C. 2306a note), relating to  
3 an annual report on commercial item and exceptional case  
4 exceptions and waivers, is amended—

5 (1) by striking subsection (d); and

6 (2) by redesignating subsection (e) as sub-  
7 section (d).

8 (k) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
9 2006.—The National Defense Authorization Act for 2006  
10 (Public Law 109–163) is amended as follows:

11 (1) NOTIFICATION OF ADJUSTMENT IN LIMITA-  
12 TION AMOUNT FOR NEXT-GENERATION DESTROYER  
13 PROGRAM.—Section 123 (119 Stat. 3156) is amend-  
14 ed—

15 (A) by striking subsection (d); and

16 (B) by redesignating subsection (e) as sub-  
17 section (d).

18 (2) CERTIFICATION OF BUDGETS FOR JOINT  
19 TACTICAL RADIO SYSTEM REPORT.—Section 218(c)  
20 (119 Stat. 3171) is amended by striking paragraph  
21 (3).

22 (3) DEPARTMENT OF DEFENSE COSTS TO  
23 CARRY OUT UNITED NATIONS RESOLUTIONS RE-  
24 PORT.—Section 1224 (10 U.S.C. 113 note) is re-  
25 pealed.

1           (1) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
2 FISCAL YEAR 2007.—Section 357(b) of the John Warner  
3 National Defense Authorization Act for Fiscal Year 2007  
4 (Public Law 109–364; 22 U.S.C. 4865 note), relating to  
5 an annual report on Department of Defense overseas per-  
6 sonnel subject to chief of mission authority, is amended  
7 by striking “shall submit to the congressional defense  
8 committees” and inserting “shall prepare”.

9           (m) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
10 FISCAL YEAR 2008.—The National Defense Authoriza-  
11 tion Act for Fiscal Year 2008 (Public Law 110–181) is  
12 amended as follows:

13           (1) ARMY INDUSTRIAL FACILITIES COOPERA-  
14 TIVE ACTIVITIES REPORT.—Section 328 (10 U.S.C.  
15 4544 note) is amended by striking subsection (b).

16           (2) ARMY PRODUCT IMPROVEMENT REPORT.—  
17 Section 330 (122 Stat. 68) is amended by striking  
18 subsection (e).

19           (n) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
20 FISCAL YEAR 2009.—The Duncan Hunter National De-  
21 fense Authorization Act for Fiscal Year 2009 (Public Law  
22 110–417) is amended as follows:

23           (1) SUPPORT FOR NON-CONVENTIONAL AS-  
24 SISTED RECOVERY ACTIVITIES REPORT.—Section  
25 943 (122 Stat. 4578) is amended—

1 (A) by striking subsection (e); and

2 (B) by redesignating subsections (f), (g),  
3 and (h) as subsections (e), (f), and (g), respec-  
4 tively.

5 (2) REIMBURSEMENT OF NAVY MESS EXPENSES  
6 REPORT.—Section 1014 (122 Stat. 4585) is amend-  
7 ed by striking subsection (c).

8 (3) ELECTROMAGNETIC PULSE ATTACK RE-  
9 PORT.—Section 1048 (122 Stat. 4603) is repealed.

10 (o) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
11 FISCAL YEAR 2010.—Section 121 of the National Defense  
12 Authorization Act for Fiscal Year 2010 (Public Law 111–  
13 84; 123 Stat. 2211) is amended—

14 (1) by striking subsection (e); and

15 (2) by redesignating subsection (f) as sub-  
16 section (e).

17 (p) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
18 FISCAL YEAR 2011.—The Ike Skelton National Defense  
19 Authorization Act for Fiscal Year 2011 (Public Law 111–  
20 383) is amended as follows:

21 (1) NAVY AIRBORNE SIGNALS INTELLIGENCE,  
22 SURVEILLANCE, AND RECONNAISSANCE CAPABILI-  
23 TIES REPORT.—Section 112(b) (124 Stat. 4153) is  
24 amended—

25 (A) by striking paragraph (3); and

1 (B) by redesignating paragraph (4) as  
2 paragraph (3).

3 (2) INCLUSION OF TECHNOLOGY PROTECTION  
4 FEATURES DURING RESEARCH AND DEVELOPMENT  
5 OF DEFENSE SYSTEMS REPORT.—Section 243 (10  
6 U.S.C. 2358 note) is amended—

7 (A) by striking subsection (c); and

8 (B) by redesignating subsections (d) and  
9 (e) as subsections (c) and (d), respectively.

10 (3) ACQUISITION OF MILITARY PURPOSE NON-  
11 DEVELOPMENTAL ITEMS REPORT.—Section 866(d)  
12 (10 U.S.C. 2302 note) is amended—

13 (A) by striking “(d) REPORTS.—” and all  
14 that follows through “(2) PROGRAM ASSESS-  
15 MENT.—If the Secretary” and inserting the fol-  
16 lowing:

17 “(d) PROGRAM ASSESSMENT.—If the Secretary”;  
18 and

19 (B) by redesignating subparagraphs (A),  
20 (B), and (C) as paragraphs (1), (2), and (3),  
21 respectively, and indenting the left margin of  
22 such paragraphs, as so redesignated, two ems  
23 from the left margin.

24 (4) NUCLEAR TRIAD REPORT.—Section 1054  
25 (10 U.S.C. 113 note) is repealed.

1 (q) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
2 FISCAL YEAR 2012.—The National Defense Authoriza-  
3 tion Act for Fiscal Year 2012 (Public Law 112–81) is  
4 amended as follows:

5 (1) PERFORMANCE MANAGEMENT SYSTEM AND  
6 APPOINTMENT PROCEDURES REPORT.—Section 1102  
7 (5 U.S.C. 9902 note) is amended by striking sub-  
8 section (b).

9 (2) GLOBAL SECURITY CONTINGENCY FUND RE-  
10 PORT.—Section 1207 (22 U.S.C. 2151 note) is  
11 amended—

12 (A) by striking subsection (n); and

13 (B) by redesignating subsections (o) and  
14 (p) as subsections (n) and (o).

15 (3) DATA SERVERS AND CENTERS COST SAV-  
16 INGS REPORT.—Section 2867 (10 U.S.C. 2223a  
17 note) is amended by striking subsection (d).

18 (r) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
19 FISCAL YEAR 2013.—The National Defense Authoriza-  
20 tion Act for Fiscal Year 2013 (Public Law 112–239) is  
21 amended as follows:

22 (1) F–22A RAPTOR MODERNIZATION PROGRAM  
23 REPORT.—Section 144 (126 Stat. 1663) is amended  
24 by striking subsection (c).

1           (2) TRICARE MAIL-ORDER PHARMACY PRO-  
2           GRAM REPORT.—Section 716 (10 U.S.C. 1074g  
3           note) is amended—

4                   (A) by striking subsection (e); and

5                   (B) by redesignating subsections (f) and  
6           (g) as subsections (e) and (f).

7           (3) WARRIORS IN TRANSITION PROGRAMS RE-  
8           PORT.—Section 738 (10 U.S.C. 1071 note) is  
9           amended—

10                   (A) by striking subsection (e); and

11                   (B) by redesignating subsection (f) as sub-  
12           section (e).

13           (4) USE OF INDEMNIFICATION AGREEMENTS  
14           REPORT.—Section 865 (126 Stat. 1861) is repealed.

15           (5) COUNTER SPACE TECHNOLOGY REPORT.—  
16           Section 917 (126 Stat. 1878) is repealed.

17           (6) IMAGERY INTELLIGENCE AND GEOSPATIAL  
18           INFORMATION SUPPORT REPORT.—Section 921 (126  
19           Stat. 1878) is amended by striking subsection (c).

20           (7) COMPUTER NETWORK OPERATIONS COORDI-  
21           NATION REPORT.—Section 1079 (10 U.S.C. 221  
22           note) is amended by striking subsection (c).

23           (8) UPDATES OF ACTIVITIES OF OFFICE OF SE-  
24           CURITY COOPERATION IN IRAQ REPORT.—Section  
25           1211(d) (126 Stat. 1983) is amended—



1 (A) by striking paragraph (3); and

2 (B) by redesignating paragraph (4) as  
3 paragraph (3).

4 (9) UNITED STATES PARTICIPATION IN THE  
5 ATARES PROGRAM REPORT.—Section 1276 (10  
6 U.S.C. 2350c note) is amended—

7 (A) by striking subsections (e) and (f); and

8 (B) by redesignating subsection (g) as sub-  
9 section (e).

10 (s) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
11 FISCAL YEAR 2014.—The National Defense Authoriza-  
12 tion Act for Fiscal Year 2014 (Public Law 113–66) is  
13 amended as follows:

14 (1) MODERNIZING PERSONNEL SECURITY  
15 STRATEGY METRICS REPORT.—Section 907(c)(3) (10  
16 U.S.C. 1564 note) is amended—

17 (A) by striking “(A) METRICS RE-  
18 QUIRED.—In” and inserting “In”; and

19 (B) by striking subparagraph (B).

20 (2) DEFENSE CLANDESTINE SERVICE RE-  
21 PORT.—Section 923 (10 U.S.C. prec. 421 note) is  
22 amended—

23 (A) by striking subsection (b); and

1 (B) by redesignating subsections (c), (d),  
2 and (e) as subsection (b), (c), and (d), respec-  
3 tively.

4 (3) INTERNATIONAL AGREEMENTS RELATING  
5 TO DOD REPORT.—Section 1249 (127 Stat. 925) is  
6 repealed.

7 (4) SMALL BUSINESS GROWTH REPORT.—Sec-  
8 tion 1611 (127 Stat. 946) is amended by striking  
9 subsection (d).

10 (t) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
11 FISCAL YEAR 2015.—The Carl Levin and Howard P.  
12 “Buck” McKeon National Defense Authorization Act for  
13 Fiscal Year 2015 (Public Law 113–291) is amended as  
14 follows:

15 (1) ASSIGNMENT OF PRIVATE SECTOR PER-  
16 SONNEL TO DEFENSE ADVANCED RESEARCH  
17 PROJECTS AGENCY REPORT.—Section 232 (10  
18 U.S.C. 2358 note) is amended—

19 (A) by striking subsection (e); and

20 (B) by redesignating subsections (f) and  
21 (g) as subsections (e) and (f), respectively.

22 (2) GOVERNMENT LODGING PROGRAM RE-  
23 PORT.—Section 914 (5 U.S.C. 5911 note) is amend-  
24 ed by striking subsection (d).

1           (3) DOD RESPONSE TO COMPROMISES OF CLAS-  
2           SIFIED INFORMATION REPORT.—Section 1052 (128  
3           Stat. 3497) is repealed.

4           (4) PERSONNEL PROTECTION AND PERSONNEL  
5           SURVIVABILITY EQUIPMENT LOAN REPORT.—Section  
6           1207 (10 U.S.C. 2342 note) is amended—

7                   (A) by striking subsection (d); and

8                   (B) by redesignating subsections (e) and  
9                   (f) as subsections (d) and (e), respectively.

10          (5) DOD ASSISTANCE TO COUNTER ISIS RE-  
11          PORT.—Section 1236 (128 Stat. 3558) is amended  
12          by striking subsection (d).

13          (6) COOPERATIVE THREAT REDUCTION PRO-  
14          GRAM USE OF CONTRIBUTIONS REPORT.—Section  
15          1325 (50 U.S.C. 3715) is amended—

16                   (A) by striking subsection (e); and

17                   (B) by redesignating subsections (f) and  
18                   (g) as subsections (e) and (f), respectively.

19          (7) COOPERATIVE THREAT REDUCTION PRO-  
20          GRAM FACILITIES CERTIFICATION REPORT.—Section  
21          1341 (50 U.S.C. 3741) is repealed.

22          (8) COOPERATIVE THREAT REDUCTION PRO-  
23          GRAM PROJECT CATEGORY REPORT.—Section 1342  
24          (50 U.S.C. 3742) is repealed.

1           (9) STATEMENT ON ALLOCATION OF FUNDS  
2           FOR SPACE SECURITY AND DEFENSE PROGRAM.—  
3           Section 1607 (128 Stat. 3625) is amended—

4                   (A) by striking “(a) ALLOCATION OF  
5           FUNDS.—”;

6                   (B) by striking subsections (b), (c), and  
7           (d); and

8                   (C) by adding at the end the following new  
9           sentence: “This requirement shall terminate on  
10          December 19, 2019.”.

11          (u) PRESERVATION OF CERTAIN ADDITIONAL RE-  
12          PORTS.—Effective as of December 23, 2016, and as if in-  
13          cluded therein as enacted, section 1061(c) of the National  
14          Defense Authorization Act for Fiscal Year 2017 (Public  
15          Law 114–328) is amended as follows:

16                  (1) NATIONAL GUARD BUREAU REPORT.—By  
17          inserting after paragraph (63) the following new  
18          paragraph:

19                          “(64) Section 10504(b).”.

20                  (2) REPORT ON PROCUREMENT OF CONTRACT  
21          SERVICES.—By inserting after paragraph (64), as  
22          added by paragraph (1), the following new para-  
23          graph:

24                          “(65) Section 235.”.

1           (3) ANNUAL DEFENSE MANPOWER REQUIRE-  
2           MENTS REPORT.—By inserting after paragraph (65),  
3           as added by paragraph (2), the following new para-  
4           graph:

5           “(66) Section 115a.”.

6           (4) STARBASE PROGRAM REPORT.—By in-  
7           serting after paragraph (66), as added by paragraph  
8           (3), the following new paragraph:

9           “(67) Section 2193b(g).”.

10          (v) PRESERVATION OF VETTED SYRIAN OPPOSITION  
11          REPORT.—Effective as of December 23, 2016, and as if  
12          included therein as enacted, section 1061(d) of the Na-  
13          tional Defense Authorization Act for Fiscal Year 2017  
14          (Public Law 114–328) is amended by adding at the end  
15          the following new paragraph:

16          “(18) Section 1209(d) (128 Stat. 3542).”.

17          (w) PRESERVATION OF REPORTS REQUIRED BY  
18          OTHER LAWS.—Effective as of December 23, 2016, and  
19          as if included therein as enacted, section 1061(i) of the  
20          National Defense Authorization Act for Fiscal Year 2017  
21          (Public Law 114–328) is amended as follows:

22                 (1) NATIONAL GUARD YOUTH CHALLENGE RE-  
23                 PORT.—By adding at the end the following new  
24                 paragraph:

1           “(34) Section 509(k) of title 32, United States  
2           Code.”.

3           (2) ANNUAL REPORT ON SUPPORT TO LAW EN-  
4           FORCEMENT AGENCIES CONDUCTING COUNTER-TER-  
5           RORISM ACTIVITIES.—By inserting after paragraph  
6           (34), as added by paragraph (1), the following new  
7           paragraph:

8           “(35) Section 1022(e) of the National Defense  
9           Authorization Act for 2004 (Public Law 108–136;  
10          10 U.S.C. 371 note).”.

11          (x) TERMINATION OF CERTAIN ADDITIONAL RE-  
12          PORTS.—Effective on December 31, 2021, the reports re-  
13          quired under the following provisions of title 10, United  
14          States Code, shall no longer be required to be submitted  
15          to Congress:

16               (1) Section 113(c)(1).

17               (2) Section 113(e).

18               (3) Section 116.

19               (4) Section 2432.

20          (y) REPORT TO CONGRESS.—Not later than Feb-  
21          ruary 1, 2018, the Secretary of Defense shall submit to  
22          the Committees on Armed Services of the Senate and  
23          House of Representatives a report that includes the fol-  
24          lowing:

1           (1) A list of all reports required to be submitted  
2           to Congress by the Department of Defense, or any  
3           officer, official, component, or element of the De-  
4           partment, from any source of law other than an an-  
5           nual national defense authorization Act as of April  
6           1, 2015.

7           (2) For each report included on the list under  
8           paragraph (1), a citation to the provision of law  
9           under which the report is required to be submitted.

10          (z) EFFECTIVE DATE.—Except as provided in sub-  
11          sections (u), (v), and (w) the amendments made by this  
12          section shall take effect on the later of—

13                 (1) the date of the enactment of this Act; or

14                 (2) November 25, 2017.

15          **SEC. 1052. REPORT ON TRANSFER OF DEFENSE ARTICLES**  
16                                 **TO UNITS COMMITTING GROSS VIOLATIONS**  
17                                 **OF HUMAN RIGHTS.**

18          (a) REPORT REQUIRED.—Not later than 120 days  
19          after the date of the enactment of this Act, the Secretary  
20          of Defense, in coordination with the Secretary of State,  
21          shall submit to the appropriate committees of Congress  
22          a report on the transfer of defense articles to units com-  
23          mitting gross violations of human rights.

24          (b) MATTERS TO BE INCLUDED.—The report re-  
25          quired by subsection (a) shall include the following:

1           (1) A description of the current laws, guidance,  
2           and policies, if any, for Department of Defense per-  
3           sonnel to monitor and report the transfer of defense  
4           articles, provided to the government of a foreign  
5           state pursuant to a Department of Defense assist-  
6           ance authority, that have subsequently been provided  
7           by that government to a unit of that foreign state  
8           that is prohibited from receiving assistance from the  
9           United States by reason of a determination by the  
10          Secretary of State that there is credible evidence  
11          that such unit has committed a gross violation of  
12          human rights.

13          (2) A description of any confirmed instances  
14          since January 1, 2016, in which the government of  
15          a foreign state that has received defense articles  
16          pursuant to a Department of Defense assistance au-  
17          thority has subsequently transferred the equipment  
18          to a unit of that foreign state that is prohibited from  
19          receiving assistance from the United States by rea-  
20          son of a determination by the Secretary of State  
21          that there is credible evidence that such unit has  
22          committed a gross violation of human rights.

23          (c) APPROPRIATE COMMITTEES OF CONGRESS DE-  
24          FINED.—In this section, the term “appropriate commit-  
25          tees of Congress” means—



1 (1) the Committee on Armed Services and the  
2 Committee on Foreign Relations of the Senate; and

3 (2) the Committee on Armed Services and the  
4 Committee on Foreign Affairs of the House of Rep-  
5 resentatives.

6 **SEC. 1053. REPORT ON THE NATIONAL BIODEFENSE ANAL-**  
7 **YSIS AND COUNTERMEASURES CENTER.**

8 (a) REPORT.—Not later than March 1, 2018, the  
9 Secretary of Homeland Security and the Secretary of De-  
10 fense shall submit to the appropriate congressional com-  
11 mittees a report, prepared in consultation with the officials  
12 listed in subsection (b), on the National Biodefense Anal-  
13 ysis and Countermeasures Center (referred to in this sec-  
14 tion as the “NBACC”). Such report shall contain the fol-  
15 lowing information:

16 (1) The functions of the NBACC.

17 (2) The end users of the NBACC, including  
18 those whose assets may be managed by other agen-  
19 cies.

20 (3) The cost and mission impact for each user  
21 identified under paragraph (2) of any potential clo-  
22 sure of the NBACC, including an analysis of the  
23 functions of the NBACC that cannot be replicated  
24 by other departments and agencies of the Federal  
25 Government.

1           (4) In the case of closure of the NBACC, a  
2           transition plan for any essential functions currently  
3           performed by the NBACC to ensure mission con-  
4           tinuity, including the storage of samples needed for  
5           ongoing criminal cases.

6           (b) CONSULTATION.—The officials listed in this sub-  
7           section are the following:

8           (1) The Secretary of Homeland Security.

9           (2) The Director of the Federal Bureau of In-  
10          vestigation.

11          (3) The Attorney General.

12          (4) The Director of National Intelligence.

13          (5) As determined by the Secretary of Home-  
14          land Security, the leaders of other offices that use  
15          the NBACC.

16          (c) FORM.—The report submitted under subsection  
17          (a) shall be submitted in unclassified form, but may con-  
18          tain a classified annex.

19          (d) LIMITATION.—None of the funds authorized to  
20          be appropriated in this Act may be used to support the  
21          closure or transfer of the NBACC until—

22                 (1) the report required by subsection (a) has  
23                 been submitted; and

24                 (2) the heads of the Federal agencies that use  
25                 the NBACC jointly provide to the appropriate con-

1 gressional committees certification that the closure  
2 or transfer of the NBACC would not have a negative  
3 effect on biological defense capabilities.

4 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
5 FINED.—For purposes of this section, the term “appro-  
6 priate congressional committees” means the Committees  
7 on Appropriations of the Senate and the House of Rep-  
8 resentatives, the Committees on Armed Services of the  
9 Senate and the House of Representatives, the Committee  
10 on Homeland Security of the House of Representatives,  
11 the Committee on Homeland Security and Governmental  
12 Affairs of the Senate, the Committees on Judiciary of the  
13 Senate and the House of Representatives, the Committee  
14 on Oversight and Government Reform of the House of  
15 Representatives, the Permanent Select Committee on In-  
16 telligence of the House of Representatives, and the Select  
17 Committee on Intelligence of the Senate.

18 **SEC. 1054. REPORT ON DEPARTMENT OF DEFENSE ARCTIC**  
19 **CAPABILITY AND RESOURCE GAPS AND RE-**  
20 **QUIRED INFRASTRUCTURE.**

21 (a) REPORT REQUIRED.—Not later than 90 days  
22 after the date of the enactment of this Act, the Secretary  
23 of Defense shall submit to the congressional defense com-  
24 mittees a report setting forth—

1 (1) necessary steps the Department of Defense  
2 is undertaking to resolve Arctic security capability  
3 and resource gaps; and

4 (2) the requirements and investment plans for  
5 military infrastructure required to protect United  
6 States national security interests in the Arctic re-  
7 gion.

8 (b) ELEMENTS.—The report under subsection (a)  
9 shall include an analysis of each of the following:

10 (1) The infrastructure needed to ensure na-  
11 tional security in the Arctic region.

12 (2) Any shortfalls in observation, remote sens-  
13 ing capabilities, ice prediction, and weather fore-  
14 casting, including an analysis of—

15 (A) the readiness challenges posed by a  
16 changing Arctic region; and

17 (B) changes to the Arctic region that af-  
18 fect existing military infrastructure.

19 (3) Any shortfalls of the Department in naviga-  
20 tional aids.

21 (4) Any additional, necessary high-latitude elec-  
22 tronic and communications infrastructure require-  
23 ments.

24 (5) Any gaps in intelligence, surveillance, and  
25 reconnaissance coverage and recommendations for

1 additional intelligence, surveillance, and reconnais-  
2 sance capabilities.

3 (6) Any shortfalls in personnel recovery capa-  
4 bilities.

5 (7) United States national security interests in  
6 the Arctic region, including strategic national assets,  
7 United States citizens, territory, freedom of naviga-  
8 tion, and economic and trade interests in the region.

9 (8) United States military capabilities needed  
10 for operations in Arctic terrain, including types of  
11 forces, major weapon systems, and logistics required  
12 for operations in such terrain.

13 (9) The installations, infrastructure, and deep  
14 water ports for deployment of assets required to  
15 support operations in the Arctic region, including  
16 the stationing, deployment, and training of military  
17 forces for operations in the region.

18 (10) Any additional capabilities the Secretary  
19 determines should be incorporated into future Navy  
20 surface combatants.

21 (c) FORM OF REPORT.—The report under subsection  
22 (a) shall be submitted in unclassified form, but may in-  
23 clude a classified annex.

1 **SEC. 1055. REVIEW AND ASSESSMENT OF DEPARTMENT OF**  
2 **DEFENSE PERSONNEL RECOVERY AND NON-**  
3 **CONVENTIONAL ASSISTED RECOVERY MECH-**  
4 **ANISMS.**

5 (a) IN GENERAL.—Not later than March 1, 2018, the  
6 Secretary of Defense shall submit to the congressional de-  
7 fense committees a review and assessment of personnel re-  
8 covery and nonconventional assisted recovery programs,  
9 authorities, and policies.

10 (b) ELEMENTS.—The assessment required under  
11 subsection (a) shall include each of the following elements:

12 (1) An overall strategy defining personnel re-  
13 covery and nonconventional assisted recovery pro-  
14 grams and activities, including how such programs  
15 and activities support the requirements of the geo-  
16 graphic combatant commanders.

17 (2) A comprehensive review and assessment of  
18 statutory authorities, policies, and interagency co-  
19 ordination mechanisms, including limitations and  
20 shortfalls, for personnel recovery and nonconven-  
21 tional assisted recovery programs and activities.

22 (3) A comprehensive description of current vali-  
23 dated requirements and anticipated future personnel  
24 recovery and nonconventional assisted recovery re-  
25 quirements across the future years defense program,  
26 as validated by the Joint Staff.



1 ing, and materiel for naval mine warfare. At a minimum,  
2 inspected units and organizations shall include those re-  
3 quired in the Joint Strategic Capabilities Plan and those  
4 assigned in the Forces For Unified Commands document  
5 or have the potential to support, by deployment or other-  
6 wise, a directed Operation Plan, Concept Plan, contin-  
7 gency operation, homeland security operation, or Defense  
8 Support of Civil Authorities requirements for naval offen-  
9 sive or defensive mine warfare.

10 (b) CRITERIA.—This inspection plan shall propose  
11 methods to analytically assess, evaluate, improve and as-  
12 sure mission readiness of each unit or organization with  
13 required operational capabilities for naval mine warfare.  
14 Inspection shall include—

15 (1) an assessment or verification of material  
16 condition;

17 (2) unit wide training and personnel readiness  
18 as measured by established tasks, conditions and  
19 standards that demonstrate the unit readiness to  
20 perform their wartime or homeland defense mission;

21 (3) force through unit level training;

22 (4) readiness to support multi-echelon, joint  
23 service mine warfare operations as part of an offen-  
24 sive, defensive mining or mine countermeasures task;



1 (5) readiness to support combatant commander  
2 campaign plans, operational plan, concept plan, or  
3 the Joint Strategic Capabilities Plan;

4 (6) required operational capability;

5 (7) inspection and reinspection process; and

6 (8) inspection periodicity.

7 (c) APPLICABILITY.—The inspection requirements  
8 under this subsection apply to the following units and or-  
9 ganizations:

10 (1) Surface MCM vessels or vessels performing  
11 MCM tasks.

12 (2) Airborne MCM squadrons.

13 (3) Mobile mine assembly groups and mobile  
14 mine assembly units.

15 (4) Fleet patrol squadrons with mine laying ca-  
16 pabilities.

17 (5) LCS and LCS MCM mission modules upon  
18 reaching IOC.

19 (6) Mine countermeasures squadrons.

20 (7) Units exercising command and control over  
21 MIW forces.

22 (8) MCM operational support ships.

23 (9) Attack and guided missile submarines with  
24 mine laying capabilities.

25 (10) Magnetic and acoustic silencing facilities.

1           (11) EOD MCM or VSW Companies and Pla-  
2       toons.

3           (12) SEAL (ESG / CSG) USMC units with  
4       VSW capability.

5       (d) CERTIFICATION.—The Chief of Naval Operations  
6 shall submit to the Secretary of Defense, the Combatant  
7 Commanders, the Chairman of the Joint Chiefs of Staff  
8 and to Congress a report on the program under this sub-  
9 section. The report shall contain a classified section which  
10 addresses capability and capacity to meet JSCP, OPLAN,  
11 CONPLAN and contingency requirements and unclassi-  
12 fied section with general summary and readiness trends.

13       (e) CONFORMING REPEAL.—Section 1090 of the Na-  
14 tional Defense Authorization Act for Fiscal Year 2016  
15 (Public Law 114–92) is repealed.

16 **SEC. 1057. ANNUAL REPORT ON CIVILIAN CASUALTIES IN**  
17                           **CONNECTION WITH UNITED STATES MILI-**  
18                           **TARY OPERATIONS.**

19       (a) ANNUAL REPORT REQUIRED.—Not later than  
20 May 1 each year, the Secretary of Defense shall submit  
21 to the congressional defense committees a report on civil-  
22 ian casualties caused as a result of United States military  
23 operations during the preceding year.

24       (b) ELEMENTS.—Each report under subsection (a)  
25 shall set forth the following:

1           (1) A list of all the United States military oper-  
2           ations during the year covered by such report that  
3           were confirmed, or reasonably suspected, to have re-  
4           sulted in civilian casualties.

5           (2) For each military operation listed pursuant  
6           to paragraph (1), each of the following:

7                   (A) The date.

8                   (B) The location.

9                   (C) An identification of whether the oper-  
10           ation occurred inside or outside of a declared  
11           theater of active armed conflict.

12                   (D) The type of operation.

13                   (E) An assessment of the number of civil-  
14           ian and enemy combatant casualties.

15           (3) A description of the process by which the  
16           Department of Defense investigates allegations of ci-  
17           vilian casualties resulting from United States mili-  
18           tary operations.

19           (4) A description of steps taken by the Depart-  
20           ment to mitigate harm to civilians in conducting  
21           such operations.

22           (5) Any other matters the Secretary of Defense  
23           determines are relevant.

24           (c) USE OF SOURCES.—In preparing a report under  
25           this section, the Secretary of Defense shall take into ac-

1 count relevant and credible all-source reporting, including  
2 information from public reports and nongovernmental  
3 sources.

4 (d) FORM.—Each report under subsection (a) shall  
5 be submitted in unclassified form, but may include a clas-  
6 sified annex.

7 (e) SUNSET.—The requirement to submit a report  
8 under subsection (a) shall expire on the date that is five  
9 years after the date of the enactment of this Act.

10 **SEC. 1058. REPORT ON JOINT PACIFIC ALASKA RANGE**  
11 **COMPLEX MODERNIZATION.**

12 (a) REPORT REQUIRED.—Not later than 120 days  
13 after the date of the enactment of this Act, the Secretary  
14 of the Air Force shall submit to the congressional defense  
15 committees a report regarding proposed improvements to  
16 the Joint Pacific Alaska Range Complex.

17 (b) ELEMENTS.—The report under subsection (a)  
18 shall include the following:

19 (1) An analysis of existing Joint Pacific Alaska  
20 Range Complex infrastructure.

21 (2) A summary of improvements to the range  
22 infrastructure the Secretary determines are nec-  
23 essary—

24 (A) for fifth generation fighters to train at  
25 maximum potential; and

1 (B) to provide a realistic air warfare envi-  
2 ronment versus a near-peer adversary for—

3 (i) four squadrons of fifth generation  
4 fighters;

5 (ii) annual Red Flag-Alaska exercises;  
6 and

7 (iii) biannual Operation Northern  
8 Edge exercises.

9 **SEC. 1059. REPORT ON ALTERNATIVES TO AQUEOUS FILM**  
10 **FORMING FOAM.**

11 (a) REPORT REQUIRED.—Not later than 180 days  
12 after the date of the enactment of this Act, the Secretary  
13 of Defense shall submit to the Committees on Armed Serv-  
14 ices of the Senate and the House of Representatives a re-  
15 port on the Department’s status with respect to developing  
16 a new military specification for safe and effective alter-  
17 natives to aqueous film forming foam (hereinafter referred  
18 to as “AFFF”) that do not contain perfluorooctanoic acid  
19 (hereinafter referred to as “PFOA”) or  
20 erfluorooctanesulfonic acid (hereinafter referred to as  
21 “PFOS”).

22 (b) ELEMENTS.—The report required by subpara-  
23 graph (1) shall include the following:

24 (1) A detailed explanation of the Department’s  
25 status with respect to developing a new military

1 specification for safe and effective alternatives to  
2 AFFF that do not contain PFOA or PFOS.

3 (2) An update on the Secretary's plans for re-  
4 placing AFFF containing PFOA or PFOS at mili-  
5 tary installations across the country and methods of  
6 disposal for AFFF containing PFOA or PFOS.

7 (3) An overview of current and planned re-  
8 search and development for AFFF alternatives that  
9 do not contain PFOA or PFOS.

10 (4) An assessment of how the establishment of  
11 a maximum contaminant level for PFOA or PFOS  
12 under the Safe Drinking Water Act (42 U.S.C. 300f  
13 et seq.), rather than the current health advisory  
14 level, would impact the Department's mitigation ac-  
15 tions, prioritization of such actions, and research  
16 and development related to PFOA and PFOS.

17 **SEC. 1060. ASSESSMENT OF GLOBAL FORCE POSTURE.**

18 (a) **ASSESSMENT REQUIRED.**—The Secretary of De-  
19 fense shall, in consultation with the Chairman of the Joint  
20 Chiefs of Staff, the chiefs of the military services, and the  
21 commanders of the combatant commands, provide for and  
22 oversee an assessment of the global force posture of the  
23 Armed Forces.

24 (b) **REPORT.**—Not later than the earlier of 180 days  
25 after the production of the 2018 National Defense Strat-

1 egy (which is intended to be closely coordinated with and  
2 complementary to a new National Security Strategy) or  
3 December 31, 2018, the Secretary shall submit to the  
4 Committees on Armed Services of the Senate and the  
5 House of Representatives a report on the assessment re-  
6 quired by subsection (a). The report shall include the fol-  
7 lowing:

8           (1) Recommendations for force size, structure,  
9           and basing globally that reflect and complement the  
10          force sizing and planning construct included in the  
11          2018 National Defense Strategy in order to guide  
12          the growth of the force structure of the Armed  
13          Forces, which recommendations shall be based on an  
14          evaluation of the relative costs of rotational and for-  
15          ward-based forces as well as impacts to deployment  
16          timelines of threats to lines of communication and  
17          anti-access area denial capabilities of potential ad-  
18          versaries.

19          (2) An assessment by each commander of a  
20          combatant command of the capability and force  
21          structure gaps within the context of an evaluation of  
22          the projected threats in the theater of operations of  
23          the combatant command concerned and the oper-  
24          ation plans of each combatant command.

1           (3) An evaluation of the headquarters manning  
2 requirements to oversee and direct execution of cur-  
3 rent operational plans.

4 **SEC. 1061. ARMY MODERNIZATION STRATEGY.**

5           (a) STRATEGY REQUIRED.—The Secretary of the  
6 Army shall develop a modernization strategy for the total  
7 Army.

8           (b) ELEMENTS.—The strategy required by subsection  
9 (a) shall include the following:

10           (1) A comprehensive description of the future  
11 total Army, including key objectives, war fighting  
12 challenges, and risks, sufficient to establish require-  
13 ments, set priorities, identify opportunity costs, and  
14 establish acquisition time lines for the total Army  
15 over a period beyond the period of the current fu-  
16 ture-years defense program under section 221 of  
17 title 10, United States Code.

18           (2) Mechanisms for identifying programs of the  
19 Army that may be unnecessary, or do not perform  
20 according to expectations, in achieving the future  
21 total Army.

22           (3) A comprehensive description of the manner  
23 in which the future total Army intends to fight and  
24 win as part of a joint force engaged in combat  
25 across all operational domains.



1           (4) A comprehensive description of the mecha-  
2           nisms required by the future total Army to maintain  
3           command, control, and communications and  
4           sustainment.

5           (5) A description of—

6                 (A) the combat vehicle modernization pri-  
7                 orities of the Army over the next 5 and 10  
8                 years;

9                 (B) the extent to which such priorities can  
10                be supported at current funding levels within a  
11                relevant time period;

12                (C) the extent to which additional funds  
13                are required to support such priorities;

14                (D) how the Army is balancing and  
15                resourcing such priorities with efforts to rebuild  
16                and sustain readiness and increase force struc-  
17                ture capacity over this same time period; and

18                (E) how the Army is balancing its near-  
19                term modernization efforts with an accelerated  
20                long-term strategy for acquiring next generation  
21                combat vehicle capabilities.

22           (c) PARTICULAR CONSIDERATIONS.—In developing  
23           the strategy required by subsection (a), the Secretary shall  
24           take into particular account the following:

1           (1) Current trends and developments in weap-  
2           ons and equipment technologies.

3           (2) New tactics and force design of peer adver-  
4           saries, including the rapid pace of development of  
5           such tactics and force design by such adversaries.

6           (d) REPORT.—

7           (1) IN GENERAL.—Not later than April 30,  
8           2018, the Secretary shall submit to the congres-  
9           sional defense committees the strategy required by  
10          subsection (a).

11          (2) FORM.—If the report is submitted in classi-  
12          fied form, the report shall be accompanied by an un-  
13          classified summary.

14          (e) COMPTROLLER GENERAL ASSESSMENT.—

15          (1) ASSESSMENT.—The Comptroller General of  
16          the United States shall conduct an assessment of the  
17          modernization strategy required by subsection (a).

18          (2) FOCUS.—In carrying out the assessment  
19          under paragraph (1), the Comptroller General shall  
20          focus on evaluating—

21                 (A) the development of the modernization  
22                 priorities of the Army for the five-year period  
23                 beginning on the date of the enactment of this  
24                 Act;

1 (B) how the Army is balancing and  
2 resourcing such priorities with efforts to rebuild  
3 and sustain readiness and increase force struc-  
4 ture capacity over such period; and

5 (C) the extent to which the Army has bal-  
6 anced its near-term modernization efforts with  
7 its long-term strategy for acquiring new capa-  
8 bilities.

9 (3) CONGRESSIONAL REPORTING.—

10 (A) BRIEFING.—Not later than May 1,  
11 2018, the Comptroller General shall provide to  
12 the congressional defense committees a briefing  
13 on the preliminary assessment of the Comp-  
14 troller General under paragraph (1).

15 (B) REPORT.—The Comptroller General  
16 shall submit to the congressional defense com-  
17 mittees a report on the final assessment of the  
18 Comptroller General under such paragraph.

19 (f) TOTAL ARMY DEFINED.—In this section, the  
20 term “total Army” means the active components and the  
21 reserve components of the Army.

1 **SEC. 1062. REPORT ON ARMY PLAN TO IMPROVE OPER-**  
2 **ATIONAL UNIT READINESS BY REDUCING**  
3 **NUMBER OF NON-DEPLOYABLE SOLDIERS AS-**  
4 **SIGNED TO OPERATIONAL UNITS.**

5 Not later than 90 days after the date of the enact-  
6 ment of this Act, the Secretary of the Army shall submit  
7 to the congressional defense committees a report on the  
8 plans of the Army to improve operational unit readiness  
9 in the Army by reducing the number of non-deployable  
10 soldiers assigned to operational units of the Army and re-  
11 placing such soldiers with soldiers capable of world-wide  
12 deployment.

13 **SEC. 1063. EFFORTS TO COMBAT PHYSIOLOGICAL EPI-**  
14 **ISODES ON CERTAIN NAVY AIRCRAFT.**

15 (a) IN GENERAL.—Not later than 30 days after the  
16 date of the enactment of this Act, and every 90 days there-  
17 after until January 1, 2020, the Secretary of the Navy  
18 shall provide to the congressional defense committees in-  
19 formation on efforts by the Navy's Physiological Episode  
20 Team to combat the prevalence of physiological episodes  
21 in F/A-18 Hornet and Super Hornet, EA-18G Growler,  
22 and T-45 Goshawk aircraft.

23 (b) ELEMENTS.—The information required under  
24 subsection (a) shall include the following elements:

1 (1) A description of Naval Aviation Enterprise  
2 activities addressing physiological episodes during  
3 the reporting period.

4 (2) An estimate of funding expended in support  
5 of the activities described under paragraph (1).

6 (3) A description of any planned or executed  
7 changes to Physiological Episode Team structure or  
8 processes.

9 (4) A description of activities planned for the  
10 upcoming two quarters.

11 (c) FORM.—The information required under sub-  
12 section (a) may be provided in a written report or a brief-  
13 ing.

14 **SEC. 1064. STUDIES ON AIRCRAFT INVENTORIES FOR THE**  
15 **AIR FORCE.**

16 (a) INDEPENDENT STUDIES.—

17 (1) IN GENERAL.—The Secretary of Defense  
18 shall provide for the performance of three inde-  
19 pendent studies of alternative aircraft inventories  
20 through 2030, and an associated force-sizing con-  
21 struct, for the Air Force.

22 (2) SUBMITTAL TO CONGRESS.—Not later than  
23 March 1, 2019, the Secretary shall submit the re-  
24 sults of each study to the congressional defense com-  
25 mittees.

1           (3) FORM.—The result of each study shall be  
2           submitted in unclassified form, but may include a  
3           classified annex.

4           (b) ENTITIES TO PERFORM STUDIES.—The Sec-  
5           retary shall provide for the studies under subsection (a)  
6           to be performed as follows:

7           (1) One study shall be performed by the Sec-  
8           retary of the Air Force, in consultation with the Di-  
9           rector of the Office of Net Assessment.

10          (2) One study shall be performed by a federally  
11          funded research and development center.

12          (3) One study shall be conducted by an inde-  
13          pendent, nongovernmental institute which is de-  
14          scribed in section 501(c)(3) of the Internal Revenue  
15          Code of 1986 and exempt from taxation under sec-  
16          tion 501(a) of such Code, and has recognized cre-  
17          dentials and expertise in national security and mili-  
18          tary affairs.

19          (c) PERFORMANCE OF STUDIES.—

20          (1) INDEPENDENT PERFORMANCE.—The Sec-  
21          retary shall require the studies under this section to  
22          be conducted independently of one another.

23          (2) MATTERS TO BE CONSIDERED.—In per-  
24          forming a study under this section, the organization  
25          performing the study, while being aware of current

1       and projected aircraft inventories for the Air Force,  
2       shall not be limited by such current or projected air-  
3       craft inventories, and shall consider the following  
4       matters:

5               (A) The national security and national de-  
6       fense strategies of the United States.

7               (B) Potential future threats to the United  
8       States and to United States air and space  
9       forces through 2030.

10              (C) Traditional roles and missions of the  
11       Air Force.

12              (D) Alternative roles and missions for the  
13       Air Force.

14              (E) The force-sizing methodology and ra-  
15       tionale used to calculated aircraft inventory lev-  
16       els.

17              (F) Other government and nongovernment  
18       analyses that would contribute to the study  
19       through variations in study assumptions or po-  
20       tential scenarios.

21              (G) The role of evolving technology on fu-  
22       ture air forces, including unmanned and space  
23       systems.

24              (H) Opportunities for reduced operation  
25       and sustainment costs.

1 (I) Current and projected capabilities of  
2 other Armed Forces that could affect force  
3 structure capability and capacity requirements  
4 of the Air Force.

5 (d) STUDY RESULTS.—The results of each study  
6 under this section shall—

7 (1) identify a force-sizing construct for the Air  
8 Force that connects national security strategy to air-  
9 craft inventories;

10 (2) present the alternative aircraft inventories  
11 considered, with assumptions and possible scenarios  
12 identified for each;

13 (3) provide for presentation of minority views of  
14 study participants; and

15 (4) for the recommended inventories, provide—

16 (A) the numbers and types of aircraft, the  
17 numbers and types of manned and unmanned  
18 aircraft, and the basic capabilities of each of  
19 such platforms;

20 (B) describe the force-sizing rationale used  
21 to arrive at the recommended inventory levels;

22 (C) other information needed to under-  
23 stand the aircraft inventories in basic form and  
24 the supporting analysis; and



1 (D) options to address aircraft types whose  
2 retirement commences before 2030.

3 **SEC. 1065. DEPARTMENT OF DEFENSE REVIEW OF NAVY CA-**  
4 **PABILITIES IN THE ARCTIC REGION.**

5 (a) REPORT ON CAPABILITIES.—

6 (1) IN GENERAL.—Not later than 180 days  
7 after the date of the enactment of this Act, the Sec-  
8 retary of the Navy shall submit to the congressional  
9 defense committees a report on the capabilities of  
10 the Navy in the Arctic region.

11 (2) ELEMENTS.—The report required by para-  
12 graph (1) shall include an analysis of the following:

13 (A) The current naval capabilities of the  
14 Department of Defense in the Arctic region,  
15 with a particular emphasis on surface capabili-  
16 ties.

17 (B) Any gaps that exist between the cur-  
18 rent naval capabilities described in subpara-  
19 graph (A) and the ability of the Department to  
20 fully execute its updated strategy for the Arctic  
21 region.

22 (C) Any gaps in the capabilities described  
23 in subparagraph (A) that require ice-hardening  
24 of existing vessels or the construction of new

1 vessels to preserve freedom of navigation in the  
2 Arctic region whenever and wherever necessary.

3 (D) An analysis and recommendation of  
4 which Navy vessels could be ice-hardened to ef-  
5 fectively preserve freedom of navigation in the  
6 Arctic region when and where necessary, in all  
7 seasons and weather conditions.

8 (E) An analysis of any cost increases or  
9 schedule adjustments that may result from ice-  
10 hardening existing or new Navy vessels.

11 (b) COMPTROLLER GENERAL OF THE UNITED  
12 STATES REVIEW.—Not later than 90 days after the date  
13 on which the Secretary submits the report required by  
14 subsection (a), the Comptroller General of the United  
15 States shall submit to the congressional defense commit-  
16 tees a review of the report, including any matters in con-  
17 nection with the report and the review that the Comp-  
18 troller General considers appropriate.

19 (c) FORM.—The report under subsection (a) and the  
20 review under subsection (b) shall each be submitted in un-  
21 classified form, but may include a classified annex.

1 **SEC. 1066. COMPREHENSIVE REVIEW OF MARITIME INTEL-**  
2 **LIGENCE, SURVEILLANCE, RECONNAISSANCE,**  
3 **AND TARGETING CAPABILITIES.**

4 (a) REPORT REQUIRED.—Not later than May 1,  
5 2018, the Secretary of the Navy shall submit to the con-  
6 gressional defense committees a report on maritime intel-  
7 ligence, surveillance, reconnaissance, and targeting capa-  
8 bilities.

9 (b) COMPREHENSIVE REVIEW.—The report required  
10 in subsection (a) shall include a comprehensive review of  
11 the following elements for the 2025 and 2035 timeframes:

12 (1) A description of the projected steady-state  
13 demands for maritime intelligence, surveillance, re-  
14 connaissance, and targeting capabilities and capacity  
15 in each timeframe, including protracted gray-zone or  
16 low-intensity confrontations between the United  
17 States or its allies and potential adversaries such as  
18 Russia, China, North Korea, and Iran.

19 (2) A description of potential warfighting plan-  
20 ning scenarios in which maritime intelligence, sur-  
21 veillance, reconnaissance, and targeting capabilities  
22 will be required in each prescribed timeframe, in-  
23 cluding the most demanding such scenario.

24 (3) A description of the undersea, surface, and  
25 air threats for each scenario described in paragraph  
26 (2) that will require maritime intelligence, surveil-

1 lance, reconnaissance, and targeting to be conducted  
2 in order to achieve warfighting objectives.

3 (4) An assessment of the sufficiency of mari-  
4 time intelligence, surveillance, reconnaissance, and  
5 targeting program capability and capacity to achieve  
6 the warfighting objectives described in paragraph (3)  
7 in the most demanding scenario described in para-  
8 graph (2), including the effects of attrition.

9 (5) Planned operational concepts, including a  
10 High level operational concept graphic (OV-1) for  
11 each such concept, for conducting maritime intel-  
12 ligence, surveillance, reconnaissance, and targeting  
13 capabilities during steady state operations and  
14 warfighting scenarios described in paragraph (2), in-  
15 cluding consideration of distributed combat oper-  
16 ations in a satellite denied environment.

17 (6) Specific capability or capacity gaps and risk  
18 areas in the ability or sufficiency of maritime intel-  
19 ligence, surveillance, reconnaissance, and targeting  
20 capabilities.

21 (7) Potential mitigation or solutions to address  
22 the capability and capacity gaps and risk areas iden-  
23 tified in paragraph (6), including new capabilities,  
24 increased capacity, or new operating concepts that  
25 could be employed by the Navy.

1 (8) A description of the funding amount by fis-  
2 cal year, initial operational capability, and full oper-  
3 ational capability for each maritime intelligence, sur-  
4 veillance, reconnaissance, and targeting program  
5 identified in paragraph (4), based on the President's  
6 fiscal year 2019 future years defense program, in-  
7 cluding unfunded and partially funded programs.

8 (c) FORM.—The report required by subsection (a)  
9 shall be submitted in unclassified form, but may contain  
10 a classified annex.

11 **SEC. 1067. REPORT ON THE NEED FOR A JOINT CHEMICAL-**  
12 **BIOLOGICAL DEFENSE LOGISTICS CENTER.**

13 Not later than March 1, 2018, the Secretary of De-  
14 fense shall submit to the congressional defense committees  
15 a report that includes the following:

16 (1) A description of the operational need and  
17 requirement for a consolidated Joint Chemical-Bio-  
18 logical Defense Logistics Center.

19 (2) Identification of the specific operational re-  
20 quirements for rapid deployment of chemical and bi-  
21 ological defense assets and the sustainment require-  
22 ments for maintenance, storage, inspection, and dis-  
23 tribution of specialized chemical, biological, radio-  
24 logical, and nuclear equipment at the Joint Chem-  
25 ical-Biological Defense Logistics Center.

1           (3) A definition of program objectives and mile-  
2           stones to achieve initial operating capability and full  
3           operating capability.

4           (4) Estimated facility and personnel resource  
5           requirements for use in planning, programming, and  
6           budgeting.

7           (5) An environmental assessment of proposed  
8           effects in accordance with the National Environ-  
9           mental Policy Act of 1969 (42 U.S.C. 4321 et seq.).

10 **SEC. 1068. MISSILE TECHNOLOGY CONTROL REGIME CAT-**  
11 **EGORY I UNMANNED AERIAL VEHICLE SYS-**  
12 **TEMS.**

13           (a) **REPORT REQUIRED.**—Not later than 120 days  
14 after the date of enactment of this Act, the Secretary of  
15 Defense and the Secretary of State shall jointly submit  
16 to the appropriate committees of Congress a report pro-  
17 viding an evaluation of the impact to national security of  
18 current United States policy regarding proliferation of  
19 complete unmanned aerial vehicle systems under Category  
20 I of the Missile Technology Control Regime (MTCR).

21           (b) **ELEMENTS.**—The report required under sub-  
22 section (a) shall include the following elements:

23           (1) An analysis of Category I unmanned aerial  
24           vehicles (UAVs) in production globally and the coun-

1       tries that export such systems, including the volume  
2       and location.

3           (2) An evaluation of the impact of the MTCR  
4       presumption of denial relating to Category I UAVs  
5       on identified United States security interests, includ-  
6       ing the presumption's nonproliferation benefits and  
7       the extent to which the presumption may foster the  
8       growth of foreign UAV providers, reducing United  
9       States Government influence and the qualitative  
10      United States technological edge.

11          (3) An evaluation of the potential risks and  
12      benefits to security posed by exports of UAVs,  
13      whether or not covered by Category I criteria, to  
14      identify characteristics that pose particular concerns,  
15      such as speed, radar cross-section, swarming capa-  
16      bility, surveillance payload, low observable features,  
17      armor, and anti-aircraft countermeasures.

18          (4) A discussion of how the evaluation above  
19      should inform United States Government and allied  
20      and partner licensing guidance with respect to the  
21      MTCR presumption of denial and its potential im-  
22      pacts, United States Government proposals for revi-  
23      sions to the MTCR Guidelines, and differences  
24      among UAVs (Category I, as well as Category II  
25      UAVs that pose particular concerns).

1           (5) Any other matters the Secretaries consider  
2           appropriate.

3           (c) FORM.—The report required under subsection (a)  
4 shall be submitted in unclassified form but may include  
5 a classified annex.

6           (d) APPROPRIATE CONGRESSIONAL COMMITTEES  
7 DEFINED.—In this section, the term “appropriate com-  
8 mittees of Congress” means—

9           (1) the Committee on Armed Services, the  
10          Committee on Foreign Relations, and the Committee  
11          on Appropriations of the Senate; and

12          (2) the Committee on Armed Services, the  
13          Committee on Foreign Affairs, and the Committee  
14          on Appropriations of the House of Representatives.

15 **SEC. 1069. RECOMMENDATIONS FOR INTERAGENCY VET-**  
16 **TING OF FOREIGN INVESTMENTS AFFECTING**  
17 **NATIONAL SECURITY.**

18          (a) PLAN AND RECOMMENDATIONS REQUIRED.—The  
19 Secretary of Defense, in concurrence with the Secretary  
20 of State, the Secretary of Treasury, and the Director of  
21 National Intelligence, shall assess and develop a plan and  
22 recommendations for agencies of the United States Gov-  
23 ernment, other than the Department of Defense, to im-  
24 prove the effectiveness of the interagency vetting of for-



1 eign investments that could potentially impair the national  
2 security of the United States.

3 (b) OBJECTIVES.—The recommendations required by  
4 subsection (a) shall have the following objectives:

5 (1) To increase collaboration and coordination  
6 among agencies of the United States Government in  
7 the identification and prevention of foreign invest-  
8 ments that could potentially impair the national se-  
9 curity of the United States.

10 (2) To increase collaboration and cooperation  
11 among the United States Government and govern-  
12 ments of United States allies and partners on invest-  
13 ments described in paragraph (1), including through  
14 information sharing.

15 (3) To increase collaboration and cooperation  
16 among agencies of the United States Government to  
17 identify and mitigate potential threats to critical  
18 United States technologies from foreign state owned  
19 or state controlled entities.

20 (c) ANALYSIS.—The recommendations required by  
21 subsection (a) shall be based upon analysis of the fol-  
22 lowing:

23 (1) Whether the current interagency vetting  
24 processes and policies place adequate focus on the  
25 potential threats presented by influence of the for-

1       eign governments over business entities seeking in-  
2       vestment in the United States.

3           (2)    The current or projected major  
4       vulnerabilities of the defense industrial base per-  
5       taining to foreign investment, including in the areas  
6       of cybersecurity, reliance on foreign suppliers in the  
7       defense supply chain access to materials that are es-  
8       sential for national defense, and the use of transpor-  
9       tation assets and other critical infrastructure for  
10      training, mobilizing, and deploying forces.

11          (3)  Whether the current interagency vetting  
12      process for foreign investments—

13           (A) requires additional resources to be ef-  
14      fective;

15           (B) permits the interagency establishment  
16      adequate time to thoroughly review transactions  
17      and to conduct national security threat assess-  
18      ments;

19           (C) assesses the risks posed by trans-  
20      actions before they are implemented; and

21           (D) provides adequate monitoring and  
22      compliance of agreements to mitigate such  
23      risks.

24          (4)  The counterintelligence risks posed by pur-  
25      chases or leases of Federal land.

1           (5) Whether and to what extent industrial espi-  
2           onage is occurring against private United States  
3           companies to obtain commercial secrets related to  
4           critical or foundational technologies.

5           (6) Whether and to what extent foreseeable for-  
6           eign investments have the potential to—

7                   (A) reduce any United States technological  
8                   or industrial advantage of the United States; or

9                   (B) increase the vulnerability of the United  
10                  States to information operations, including the  
11                  purposeful dissemination of false or misleading  
12                  information to the American public and the ma-  
13                  nipulation of American public opinion on crit-  
14                  ical public policy issues.

15          (7) Whether currently mandated annual reports  
16          to Congress on the interagency vetting of foreign in-  
17          vestments should be revised to ensure that they pro-  
18          vide valuable information.

19          (d) CONSIDERATIONS.—The recommendations re-  
20          quired by subsection (a) shall take into consideration each  
21          of the following:

22                  (1) Trends in foreign investment transactions,  
23                  including joint ventures, the sale of assets pursuant  
24                  to bankruptcy, and the purchase or lease of real es-

1       tate in proximity to Government installations that  
2       could impair national security.

3           (2) Strategies used by foreign investors to ex-  
4       ploit vulnerabilities in existing foreign investment  
5       vetting processes and regulations.

6           (3) Any market distortion or unfair competition  
7       incurred by foreign transactions that directly or in-  
8       directly impairs the national security or the United  
9       States.

10       (e) REPORTS.—

11           (1) INTERIM REPORT.—Not later than 90 days  
12       after the date of the enactment of this Act, the Sec-  
13       retary of Defense shall submit to the appropriate  
14       committees of Congress a report on the progress of  
15       the Secretary in developing the recommendations re-  
16       quired by subsection (a).

17           (2) FINAL REPORT.—Not later than 180 days  
18       after the date of the enactment of this Act, the Sec-  
19       retary shall submit to the appropriate committees of  
20       Congress a report setting forth the recommendations  
21       developed pursuant to subsection (a).

22           (3) FORM.—Each report under this subsection  
23       shall be submitted in unclassified form, but may in-  
24       clude a classified annex.

1           (4) APPROPRIATE COMMITTEES OF CON-  
2           GRESS.—In this subsection, the term “appropriate  
3           committees of Congress” means—

4                   (A) the Committees on Armed Services of  
5           the Senate and the House of Representatives;

6                   (B) the Committee on Foreign Affairs of  
7           the House of Representatives;

8                   (C) the Committee on Foreign Relations of  
9           the Senate;

10                  (D) the Committee on Financial Services  
11           of the House of Representatives;

12                  (E) the Committee on Finance of the Sen-  
13           ate;

14                  (F) the Permanent Select Committee on  
15           Intelligence of the House of Representatives;  
16           and

17                  (G) the Select Committee on Intelligence of  
18           the Senate.

19 **SEC. 1070. BRIEFING ON PRIOR ATTEMPTED RUSSIAN**  
20 **CYBER ATTACKS AGAINST DEFENSE SYS-**  
21 **TEMS.**

22           Not later than 90 days after the date of the enact-  
23           ment of this Act, the Secretary of Defense, in coordination  
24           with the Director of National Intelligence, shall provide  
25           to the Committees on Armed Services of the Senate and

1 House of Representatives a briefing on all attempts to  
2 breach, intrude, or otherwise hack into Department of De-  
3 fense systems that—

4 (1) occurred during the last 24-month period  
5 ending on the date of the enactment of this Act; and

6 (2) were attributable either to the government  
7 of the Russian Federation or actors substantially  
8 supported by the government of the Russian Federa-  
9 tion.

10 **SEC. 1071. ENHANCED ANALYTICAL AND MONITORING CA-**  
11 **PABILITY OF THE DEFENSE INDUSTRIAL**  
12 **BASE.**

13 (a) PROCESS.—

14 (1) IN GENERAL.—Not later than 90 days after  
15 the date of enactment of this Act, the Secretary of  
16 Defense shall establish a process, or designate an ex-  
17 isting process, for enhancing the ability of the De-  
18 partment of Defense to analyze, assess, and monitor  
19 the vulnerabilities of, and concentration of purchases  
20 in, the defense industrial base.

21 (2) ELEMENTS.—The process required by sub-  
22 section (a) shall include the following elements:

23 (A) Designation of a senior official respon-  
24 sible for overseeing the development and imple-  
25 mentation of the process.

1 (B) Development or integration of tools to  
2 support commercial due diligence and business  
3 intelligence or to otherwise analyze and monitor  
4 commercial activity to understand business rela-  
5 tionships affecting the defense industrial base.

6 (C) Development of risk profiles of prod-  
7 ucts, services, or entities based on business in-  
8 telligence, commercial due diligence tools and  
9 data services.

10 (D) As the Secretary determines necessary,  
11 integration with intelligence sources to develop  
12 threat profiles of entities attempting trans-  
13 actions with a defense industrial base compa-  
14 nies.

15 (E) Other matters as the Secretary deems  
16 necessary.

17 (3) NOTIFICATION.—Not later than 90 days  
18 after establishing or designating the process required  
19 by subsection (a), the Secretary shall submit to the  
20 Committees on Armed Services of the Senate and  
21 House of Representatives notice in writing that such  
22 process has been established or otherwise designated.  
23 Such notification shall include the following:

24 (A) Identification of the official required to  
25 be designated under paragraph (2)(A).

1 (B) Identification of the tools described in  
2 paragraph (2)(B) that are currently available to  
3 Department of Defense and any other tools  
4 available commercially or otherwise that might  
5 contribute to enhancing the analytic capability  
6 of the process.

7 (C) Identification of, or recommendations  
8 for, any statutory changes needed to improve  
9 the effectiveness of the process.

10 (D) Projected resources necessary to pur-  
11 chase any commercially available tools identified  
12 under subparagraph (B) and to carry out any  
13 statutory changes identified under subpara-  
14 graph (C).

15 (b) REPORTING.—

16 (1) CONSOLIDATED REPORT ON  
17 VULNERABILITIES OF, AND CONCENTRATION OF  
18 PURCHASES IN, THE DEFENSE INDUSTRIAL BASE.—

19 (A) REPORT REQUIRED.—For each of fis-  
20 cal years 2018 through 2023, the Secretary of  
21 Defense shall submit to the appropriate con-  
22 gressional committees a consolidated report  
23 that combines all of the reports required to be  
24 provided to Congress for that fiscal year on the  
25 adequacy of, vulnerabilities of, and concentra-



1           tion of purchases in the defense industrial sec-  
2           tor. Such consolidated report shall include each  
3           of the following:

4                   (i) The report required under section  
5                   721(m) of the Defense Production Act of  
6                   1950 (50 U.S.C. 4565(m)) (relating to  
7                   concentrations of purchases of the defense  
8                   industrial base).

9                   (ii) The report required under section  
10                  723(a) of the Defense Production Act of  
11                  1950 (50 U.S.C. 4568(a)) (relating to off-  
12                  sets in defense production).

13                  (iii) The report required under section  
14                  2504 of title 10, United States Code (re-  
15                  lating to annual industrial capabilities).

16                  (iv) Any other reports the Secretary  
17                  determines appropriate.

18                  (B) DEADLINE.—A consolidated report  
19                  under subparagraph (A) shall be submitted by  
20                  not later than March 31 of the fiscal year fol-  
21                  lowing the fiscal year for which the report is  
22                  submitted.

23                  (2) REVIEW OF TECHNOLOGY PROTECTION POL-  
24                  ICY.—Not later than 270 days after the date of the  
25                  enactment of this Act, the Secretary of Defense shall

1 submit to the appropriate congressional committees  
2 a report describing any need for reforms of policies  
3 governing the export of technology or related intel-  
4 lectual property, along with any proposed legislative  
5 changes the Secretary believes are necessary.

6 (3) FORM OF REPORTS.—Each report sub-  
7 mitted under this subsection shall be in unclassified  
8 form, but may contain a classified annex.

9 (4) APPROPRIATE CONGRESSIONAL COMMIT-  
10 TEES.—The term “appropriate congressional com-  
11 mittees” means—

12 (A) the Committee on Armed Services, the  
13 Committee on Financial Services, the Com-  
14 mittee on Foreign Affairs, and the Permanent  
15 Select Committee on Intelligence of the House  
16 of Representatives; and

17 (B) the Committee on Armed Services, the  
18 Committee on Banking, Housing, and Urban  
19 Affairs, the Committee on Foreign Relations,  
20 and the Select Committee on Intelligence of the  
21 Senate.

22 **SEC. 1072. REPORT ON DEFENSE OF COMBAT LOGISTICS**  
23 **AND STRATEGIC MOBILITY FORCES.**

24 (a) REPORT REQUIRED.—Not later than April 1,  
25 2018, the Secretary of the Navy shall submit to the Com-

1 mittees on Armed Services of the Senate and the House  
2 of Representatives a report on the defense of combat logis-  
3 tics and strategic mobility forces.

4 (b) COVERED PERIODS.—The report required by sub-  
5 section (a) shall cover two periods:

6 (1) The period from 2018 through 2025.

7 (2) The period from 2026 through 2035.

8 (c) ELEMENTS.—The report required by subsection  
9 (a) shall include, for each of the periods covered by the  
10 report, the following:

11 (1) A description of potential warfighting plan-  
12 ning scenarios in which combat logistics and stra-  
13 tegic mobility forces will be threatened, including the  
14 most demanding operational plan requiring such  
15 forces.

16 (2) A description of the combat logistics and  
17 strategic mobility forces capacity, including addi-  
18 tional combat logistics and strategic mobility forces,  
19 that may be required due to losses from attacks  
20 under each scenario described pursuant to para-  
21 graph (1).

22 (3) A description of the projected capability and  
23 capacity of subsurface threats to combat logistics  
24 and strategic mobility forces for each scenario de-  
25 scribed pursuant to paragraph (1).

1           (4) A description of planned operating concepts  
2           for defending combat logistics and strategic mobility  
3           forces from subsurface, surface, and air threats for  
4           each scenario described pursuant to paragraph (1).

5           (5) An assessment of the ability and availability  
6           of United States naval forces to defend combat logis-  
7           tics and strategic mobility forces from the threats  
8           described pursuant to paragraph (1), while also ac-  
9           complishing other assigned missions, for each sce-  
10          nario described pursuant to that paragraph.

11          (6) A description of specific capability gaps or  
12          risk areas in the ability or availability of United  
13          States naval forces to defend combat logistics and  
14          strategic mobility forces from the threats described  
15          pursuant to paragraph (1).

16          (7) A description and assessment of potential  
17          solutions to address the capability gaps and risk  
18          areas identified pursuant to paragraph (6), including  
19          new capabilities, increased capacity, or new oper-  
20          ating concepts that could be employed by United  
21          States naval forces.

22          (d) FORM.—The report required by subsection (a)  
23          shall be submitted in unclassified form, but may include  
24          a classified annex.

1 (e) COMBAT LOGISTICS AND STRATEGIC MOBILITY  
2 FORCES DEFINED.—In this section, the term “combat lo-  
3 gistics and strategic mobility forces” means the combat  
4 logistics force, the Ready Reserve Force, and the Military  
5 Sealift Command surge fleet.

6 **SEC. 1073. REPORT ON ACQUISITION STRATEGY TO RECAPI-**  
7 **TALIZE THE EXISTING SYSTEM FOR UNDER-**  
8 **SEA FIXED SURVEILLANCE.**

9 (a) IN GENERAL.—Not later than 60 days after the  
10 date of the enactment of this Act, the Secretary of the  
11 Navy shall submit to the congressional defense committees  
12 a report on the acquisition strategy to recapitalize the ex-  
13 isting system for undersea fixed surveillance.

14 (b) ELEMENTS.—The report required by subsection  
15 (a) shall address the following matters:

16 (1) A description of undersea fixed surveillance  
17 system recapitalization requirements, including key  
18 performance parameters and key system attributes  
19 as applicable.

20 (2) Cost estimates for procuring a future sys-  
21 tem or systems.

22 (3) Projected dates for key milestones within  
23 the acquisition strategy.

24 (4) A description of how the acquisition strat-  
25 egy will improve performance in the areas of detec-

1       tion and localization compared to the legacy system  
2       to enable effective performance against current,  
3       emerging, and future threats over the life of the sys-  
4       tems.

5           (5) A description of how the acquisition strat-  
6       egy will encourage competition and reward innova-  
7       tion for addressing system performance require-  
8       ments.

9       **SEC. 1074. REPORT ON IMPLEMENTATION OF REQUIRE-**  
10           **MENTS IN CONNECTION WITH THE ORGANI-**  
11           **ZATION OF THE DEPARTMENT OF DEFENSE**  
12           **FOR MANAGEMENT OF SPECIAL OPERATIONS**  
13           **FORCES AND SPECIAL OPERATIONS.**

14       (a) **REPORT REQUIRED.**—Not later than 90 days  
15       after the date of the enactment of this Act, the Secretary  
16       of Defense shall submit to the Committees on Armed Serv-  
17       ices of the Senate and the House of Representatives a re-  
18       port on the implementation of section 922 of the National  
19       Defense Authorization Act for Fiscal Year 2017 (Public  
20       Law 114–328; 130 Stat. 2354) and the amendments made  
21       by that section (in this section collectively referred to as  
22       the “covered authority”).

23       (b) **ELEMENTS.**—The report required by subsection  
24       (a) shall include the following:

1           (1) A statement of the responsibilities of the  
2           Assistant Secretary of Defense for Special Oper-  
3           ations and Low Intensity Conflict that is consistent  
4           with the covered authority, including an identifica-  
5           tion of any responsibilities to be divested by the As-  
6           sistant Secretary pursuant to the covered authority.

7           (2) A resource-unconstrained analysis of man-  
8           power requirements necessary to satisfy the respon-  
9           sibilities akin to those of the Secretary of a military  
10          department that are specified by the covered author-  
11          ity.

12          (3) An accounting of civilian, military, and con-  
13          tractor personnel currently assigned to the fulfill-  
14          ment of the responsibilities akin to those of the Sec-  
15          retary of a military department that are specified by  
16          the covered authority, including responsibilities re-  
17          lating to budget, personnel, programs and require-  
18          ments, acquisition, and special access programs.

19          (4) A description of actions taken to implement  
20          the covered authority as of the date of the report,  
21          including the assignment of any additional civilian,  
22          military, or contractor personnel to fulfill additional  
23          responsibilities akin to those of the Secretary of a  
24          military department that are specified by the covered  
25          authority.

1           (5) An explanation how the responsibilities akin  
2           to those of the Secretary of a military department  
3           that assigned to the Assistant Secretary by the cov-  
4           ered authority will be fulfilled in the absence of addi-  
5           tional personnel being assigned to the office of the  
6           Assistant Secretary.

7           (6) An assessment of whether the responsibil-  
8           ities specified in section 138(b)(4) of title 10, United  
9           States Code, could be accomplished more effectively  
10          if the Assistant Secretary of Defense for Special Op-  
11          erations and Low Intensity Conflict were elevated to  
12          an Under Secretary, including the potential benefits  
13          and negative consequences of such a change.

14          (7) Any other matters the Secretary considers  
15          appropriate.

16 **SEC. 1075. REPORT ON THE GLOBAL FOOD SYSTEM AND**  
17 **VULNERABILITIES RELEVANT TO DEPART-**  
18 **MENT OF DEFENSE MISSIONS.**

19          (a) REPORT REQUIRED.—Not later than one year  
20          after the date of the enactment of this Act, the Secretary  
21          of Defense shall, in consultation with the heads of such  
22          components of the Department of Defense as the Sec-  
23          retary considers appropriate, submit to the congressional  
24          defense committees an assessment of Department of De-  
25          fense policies and operational plans for addressing the na-



1 tional security implications of global food system  
2 vulnerabilities.

3 (b) CONTENTS.—The report required by subsection  
4 (a) shall include, at a minimum, the following:

5 (1) An evaluation of vulnerabilities in the global  
6 food system that may affect the national security of  
7 the United States and the Department of Defense  
8 roles, missions, and capabilities in addressing such  
9 vulnerabilities, including information technology,  
10 data management, and surveillance capabilities for  
11 detection and assessment of food system shocks with  
12 the potential to result in the deployment of the  
13 Armed Forces or directly affect bilateral security in-  
14 terests with allies or partners.

15 (2) A characterization of how Department of  
16 Defense strategy, policies, and plans, including the  
17 Unified Command Plan, defense planning scenarios,  
18 operational plans, theater cooperation plans, and  
19 other relevant planning documents and procedures,  
20 account for food system vulnerabilities as precursors  
21 to and components of protracted major state con-  
22 flicts, civil wars, insurgencies, or terrorism.

23 (3) An evaluation of United States interests, in-  
24 cluding the interests of allies and strategic partners,  
25 and potential United States military operations, in-

1 including thresholds for ordering such operations, in  
2 regions where food system instability represents an  
3 urgent and growing threat, including due to the  
4 presence of destabilizing non-state actors who may  
5 weaponize access to food.

6 (4) An identification of opportunities to initiate  
7 or further develop cooperative military-to-military re-  
8 lationships to build partner capacity to avoid, mini-  
9 mize, or control global and regional food system  
10 shocks.

## 11 **Subtitle G—Modernizing** 12 **Government Technology**

### 13 **SEC. 1076. DEFINITIONS.**

14 In this subtitle:

15 (1) ADMINISTRATOR.—The term “Adminis-  
16 trator” means the Administrator of General Serv-  
17 ices.

18 (2) BOARD.—The term “Board” means the  
19 Technology Modernization Board established under  
20 section 1094(c)(1).

21 (3) CLOUD COMPUTING.—The term “cloud  
22 computing” has the meaning given the term by the  
23 National Institute of Standards and Technology in  
24 NIST Special Publication 800–145 and any amend-  
25 atory or superseding document thereto.

1           (4) DIRECTOR.—The term “Director” means  
2           the Director of the Office of Management and Budg-  
3           et.

4           (5) FUND.—The term “Fund” means the Tech-  
5           nology Modernization Fund established under sec-  
6           tion 1094(b)(1).

7           (6) INFORMATION TECHNOLOGY.—The term  
8           “information technology” has the meaning given the  
9           term in section 3502 of title 44, United States Code.

10          (7) IT WORKING CAPITAL FUND.—The term  
11          “IT working capital fund” means an information  
12          technology system modernization and working cap-  
13          ital fund established under section 1093(b)(1).

14          (8) LEGACY INFORMATION TECHNOLOGY SYS-  
15          TEM.—The term “legacy information technology sys-  
16          tem” means an outdated or obsolete system of infor-  
17          mation technology.

18 **SEC. 1077. ESTABLISHMENT OF AGENCY INFORMATION**  
19 **TECHNOLOGY SYSTEMS MODERNIZATION**  
20 **AND WORKING CAPITAL FUNDS.**

21          (a) DEFINITION.—In this section, the term “covered  
22          agency” means each agency listed in section 901(b) of title  
23          31, United States Code.

24          (b) INFORMATION TECHNOLOGY SYSTEM MOD-  
25          ERNIZATION AND WORKING CAPITAL FUNDS.—

1           (1) ESTABLISHMENT.—The head of a covered  
2           agency may establish within the covered agency an  
3           information technology system modernization and  
4           working capital fund for necessary expenses de-  
5           scribed in paragraph (3).

6           (2) SOURCE OF FUNDS.—The following  
7           amounts may be deposited into an IT working cap-  
8           ital fund:

9                   (A) Reprogramming and transfer of funds  
10                  made available in appropriations Acts enacted  
11                  after the date of enactment of this Act, includ-  
12                  ing the transfer of any funds for the operation  
13                  and maintenance of legacy information tech-  
14                  nology systems, in compliance with any applica-  
15                  ble reprogramming law or guidelines of the  
16                  Committees on Appropriations of the Senate  
17                  and the House of Representatives or transfer  
18                  authority specifically provided in appropriations  
19                  law.

20                   (B) Amounts made available to the IT  
21                  working capital fund through discretionary ap-  
22                  propriations made available after the date of  
23                  enactment of this Act.

1           (3) USE OF FUNDS.—An IT working capital  
2 fund established under paragraph (1) may only be  
3 used—

4           (A) to improve, retire, or replace existing  
5 information technology systems in the covered  
6 agency to enhance cybersecurity and to improve  
7 efficiency and effectiveness across the life of a  
8 given workload, procured using full and open  
9 competition among all commercial items to the  
10 greatest extent practicable;

11           (B) to transition legacy information tech-  
12 nology systems at the covered agency to com-  
13 mercial cloud computing and other innovative  
14 commercial platforms and technologies, includ-  
15 ing those serving more than 1 covered agency  
16 with common requirements;

17           (C) to assist and support covered agency  
18 efforts to provide adequate, risk-based, and  
19 cost-effective information technology capabilities  
20 that address evolving threats to information se-  
21 curity;

22           (D) to reimburse funds transferred to the  
23 covered agency from the Fund with the ap-  
24 proval of the Chief Information Officer, in con-

1           sultation with the Chief Financial Officer, of  
2           the covered agency; and

3           (E) for a program, project, or activity or  
4           to increase funds for any program, project, or  
5           activity that has not been denied or restricted  
6           by Congress.

7           (4) EXISTING FUNDS.—An IT working capital  
8           fund may not be used to supplant funds provided for  
9           the operation and maintenance of any system within  
10          an appropriation for the covered agency at the time  
11          of establishment of the IT working capital fund.

12          (5) PRIORITIZATION OF FUNDS.—The head of  
13          each covered agency—

14                (A) shall prioritize funds within the IT  
15                working capital fund of the covered agency to  
16                be used initially for cost savings activities ap-  
17                proved by the Chief Information Officer of the  
18                covered agency; and

19                (B) may reprogram and transfer any  
20                amounts saved as a direct result of the cost  
21                savings activities approved under clause (i) for  
22                deposit into the IT working capital fund of the  
23                covered agency, consistent with paragraph  
24                (2)(A).

25          (6) AVAILABILITY OF FUNDS.—

1           (A) IN GENERAL.—Any funds deposited  
2           into an IT working capital fund shall be avail-  
3           able for obligation for the 3-year period begin-  
4           ning on the last day of the fiscal year in which  
5           the funds were deposited.

6           (B) TRANSFER OF UNOBLIGATED  
7           AMOUNTS.—Any amounts in an IT working  
8           capital fund that are unobligated at the end of  
9           the 3-year period described in subparagraph (A)  
10          shall be transferred to the general fund of the  
11          Treasury.

12          (7) AGENCY CIO RESPONSIBILITIES.—In evalu-  
13          ating projects to be funded by the IT working cap-  
14          ital fund of a covered agency, the Chief Information  
15          Officer of the covered agency shall consider, to the  
16          extent applicable, guidance issued under section  
17          1094(b)(1) to evaluate applications for funding from  
18          the Fund that include factors including a strong  
19          business case, technical design, consideration of  
20          commercial off-the-shelf products and services, pro-  
21          curement strategy (including adequate use of rapid,  
22          iterative software development practices), and pro-  
23          gram management.

24          (c) REPORTING REQUIREMENT.—

1           (1) IN GENERAL.—Not later than 1 year after  
2           the date of enactment of this Act, and every 6  
3           months thereafter, the head of each covered agency  
4           shall submit to the Director, with respect to the IT  
5           working capital fund of the covered agency—

6                   (A) a list of each information technology  
7                   investment funded, including the estimated cost  
8                   and completion date for each investment; and

9                   (B) a summary by fiscal year of obliga-  
10                  tions, expenditures, and unused balances.

11           (2) PUBLIC AVAILABILITY.—The Director shall  
12           make the information submitted under paragraph  
13           (1) publicly available on a website.

14 **SEC. 1078. ESTABLISHMENT OF TECHNOLOGY MODERNIZA-**  
15 **TION FUND AND BOARD.**

16           (a) DEFINITION.—In this section, the term “agency”  
17           has the meaning given the term in section 551 of title 5,  
18           United States Code.

19           (b) TECHNOLOGY MODERNIZATION FUND.—

20                   (1) ESTABLISHMENT.—There is established in  
21                   the Treasury a Technology Modernization Fund for  
22                   technology-related activities, to improve information  
23                   technology, to enhance cybersecurity across the Fed-  
24                   eral Government, and to be administered in accord-  
25                   ance with guidance issued by the Director.



1           (2) ADMINISTRATION OF FUND.—The Adminis-  
2           trator, in consultation with the Chief Information  
3           Officers Council and with the approval of the Direc-  
4           tor, shall administer the Fund in accordance with  
5           this subsection.

6           (3) USE OF FUNDS.—The Administrator shall,  
7           in accordance with recommendations from the  
8           Board, use amounts in the Fund—

9                   (A) to transfer such amounts, to remain  
10                  available until expended, to the head of an  
11                  agency for the acquisition of products and serv-  
12                  ices, or the development of such products and  
13                  services when more efficient and cost effective,  
14                  to improve, retire, or replace existing Federal  
15                  information technology systems to enhance cy-  
16                  bersecurity and privacy and improve long-term  
17                  efficiency and effectiveness;

18                   (B) to transfer such amounts, to remain  
19                  available until expended, to the head of an  
20                  agency for the operation and procurement of in-  
21                  formation technology products and services, or  
22                  the development of such products and services  
23                  when more efficient and cost effective, and ac-  
24                  quisition vehicles for use by agencies to improve  
25                  Governmentwide efficiency and cybersecurity in

1 accordance with the requirements of the agen-  
2 cies;

3 (C) to provide services or work performed  
4 in support of—

5 (i) the activities described in subpara-  
6 graph (A) or (B); and

7 (ii) the Board and the Director in car-  
8 rying out the responsibilities described in  
9 subsection (c)(2); and

10 (D) to fund only programs, projects, or ac-  
11 tivities or to fund increases for any programs,  
12 projects, or activities that have not been denied  
13 or restricted by Congress.

14 (4) AUTHORIZATION OF APPROPRIATIONS;  
15 CREDITS; AVAILABILITY OF FUNDS.—

16 (A) AUTHORIZATION OF APPROPRIA-  
17 TIONS.—There is authorized to be appropriated  
18 to the Fund \$250,000,000 for each of fiscal  
19 years 2018 and 2019.

20 (B) CREDITS.—In addition to any funds  
21 otherwise appropriated, the Fund shall be cred-  
22 ited with all reimbursements, advances, or re-  
23 funds or recoveries relating to information tech-  
24 nology or services provided for the purposes de-  
25 scribed in paragraph (3).

1 (C) AVAILABILITY OF FUNDS.—Amounts  
2 deposited, credited, or otherwise made available  
3 to the Fund shall be available until expended  
4 for the purposes described in paragraph (3).

5 (5) REIMBURSEMENT.—

6 (A) REIMBURSEMENT BY AGENCY.—

7 (i) IN GENERAL.—The head of an  
8 agency shall reimburse the Fund for any  
9 transfer made under subparagraph (A) or  
10 (B) of paragraph (3), including any serv-  
11 ices or work performed in support of the  
12 transfer under paragraph (3)(C), in ac-  
13 cordance with the terms established in a  
14 written agreement described in paragraph  
15 (6).

16 (ii) REIMBURSEMENT FROM SUBSE-  
17 QUENT APPROPRIATIONS.—Notwith-  
18 standing any other provision of law, an  
19 agency may make a reimbursement re-  
20 quired under clause (i) from any appro-  
21 priation made available after the date of  
22 enactment of this Act for information tech-  
23 nology activities, consistent with any appli-  
24 cable reprogramming law or guidelines of

1 the Committees on Appropriations of the  
2 Senate and the House of Representatives.

3 (iii) RECORDING OF OBLIGATION.—  
4 Notwithstanding section 1501 of title 31,  
5 United States Code, an obligation to make  
6 a payment under a written agreement de-  
7 scribed in paragraph (6) in a fiscal year  
8 after the date of enactment of this Act  
9 shall be recorded in the fiscal year in  
10 which the payment is due.

11 (B) PRICES FIXED BY ADMINISTRATOR.—

12 (i) IN GENERAL.—The Administrator,  
13 in consultation with the Director, shall es-  
14 tablish amounts to be paid by an agency  
15 under this paragraph and the terms of re-  
16 payment for activities funded under para-  
17 graph (3), including any services or work  
18 performed in support of that development  
19 under paragraph (3)(C), at levels sufficient  
20 to ensure the solvency of the Fund, includ-  
21 ing operating expenses.

22 (ii) REVIEW AND APPROVAL.—Before  
23 making any changes to the established  
24 amounts and terms of repayment, the Ad-

1            administrator shall conduct a review and ob-  
2            tain approval from the Director.

3            (C) FAILURE TO MAKE TIMELY REIM-  
4            BURSEMENT.—The Administrator may obtain  
5            reimbursement from an agency under this para-  
6            graph by the issuance of transfer and counter-  
7            warrants, or other lawful transfer documents,  
8            supported by itemized bills, if payment is not  
9            made by the agency during the 90-day period  
10           beginning after the expiration of a repayment  
11           period described in a written agreement de-  
12           scribed in paragraph (6).

13           (6) WRITTEN AGREEMENT.—

14           (A) IN GENERAL.—Before the transfer of  
15           funds to an agency under subparagraphs (A)  
16           and (B) of paragraph (3), the Administrator, in  
17           consultation with the Director, and the head of  
18           the agency shall enter into a written agree-  
19           ment—

20           (i) documenting the purpose for which  
21           the funds will be used and the terms of re-  
22           payment, which may not exceed 5 years  
23           unless approved by the Director; and

24           (ii) which shall be recorded as an obli-  
25           gation as provided in paragraph (5)(A).

1 (B) REQUIREMENT FOR USE OF INCRE-  
2 MENTAL FUNDING, COMMERCIAL PRODUCTS  
3 AND SERVICES, AND RAPID, ITERATIVE DEVEL-  
4 OPMENT PRACTICES.—The Administrator shall  
5 ensure—

6 (i) for any funds transferred to an  
7 agency under paragraph (3)(A), in the ab-  
8 sence of compelling circumstances docu-  
9 mented by the Administrator at the time of  
10 transfer, that such funds shall be trans-  
11 ferred only on an incremental basis, tied to  
12 metric-based development milestones  
13 achieved by the agency through the use of  
14 rapid, iterative, development processes; and

15 (ii) that the use of commercial prod-  
16 ucts and services are incorporated to the  
17 greatest extent practicable in activities  
18 funded under subparagraphs (A) and (B)  
19 of paragraph (3), and that the written  
20 agreement required under paragraph (6)  
21 documents this preference.

22 (7) REPORTING REQUIREMENTS.—

23 (A) LIST OF PROJECTS.—

24 (i) IN GENERAL.—Not later than 6  
25 months after the date of enactment of this

1 Act, the Director shall maintain a list of  
2 each project funded by the Fund, to be up-  
3 dated not less than quarterly, that includes  
4 a description of the project, project status  
5 (including any schedule delay and cost  
6 overruns), financial expenditure data re-  
7 lated to the project, and the extent to  
8 which the project is using commercial  
9 products and services, including if applica-  
10 ble, a justification of why commercial prod-  
11 ucts and services were not used and the as-  
12 sociated development and integration costs  
13 of custom development.

14 (ii) PUBLIC AVAILABILITY.—The list  
15 required under clause (i) shall be published  
16 on a public website in a manner that is, to  
17 the greatest extent possible, consistent  
18 with applicable law on the protection of  
19 classified information, sources, and meth-  
20 ods.

21 (B) COMPTROLLER GENERAL REPORTS.—  
22 Not later than 2 years after the date of enact-  
23 ment of this Act, and every 2 years thereafter,  
24 the Comptroller General of the United States

1 shall submit to Congress and make publically  
2 available a report assessing—

3 (i) the costs associated with estab-  
4 lishing the Fund and maintaining the over-  
5 sight structure associated with the Fund  
6 compared with the cost savings associated  
7 with the projects funded both annually and  
8 over the life of the acquired products and  
9 services by the Fund;

10 (ii) the reliability of the cost savings  
11 estimated by agencies associated with  
12 projects funded by the Fund;

13 (iii) whether agencies receiving trans-  
14 fers of funds from the Fund used full and  
15 open competition to acquire the custom de-  
16 velopment of information technology prod-  
17 ucts or services; and

18 (iv) the number of IT procurement,  
19 development, and modernization programs,  
20 offices, and entities in the Federal Govern-  
21 ment, including 18F and the United States  
22 Digital Services, the roles, responsibilities,  
23 and goals of those programs and entities,  
24 and the extent to which they duplicate  
25 work.



1 (c) TECHNOLOGY MODERNIZATION BOARD.—

2 (1) ESTABLISHMENT.—There is established a  
3 Technology Modernization Board to evaluate pro-  
4 posals submitted by agencies for funding authorized  
5 under the Fund.

6 (2) RESPONSIBILITIES.—The responsibilities of  
7 the Board are—

8 (A) to provide input to the Director for the  
9 development of processes for agencies to submit  
10 modernization proposals to the Board and to  
11 establish the criteria by which those proposals  
12 are evaluated, which shall include—

13 (i) addressing the greatest security,  
14 privacy, and operational risks;

15 (ii) having the greatest Government-  
16 wide impact; and

17 (iii) having a high probability of suc-  
18 cess based on factors including a strong  
19 business case, technical design, consider-  
20 ation of commercial off-the-shelf products  
21 and services, procurement strategy (includ-  
22 ing adequate use of rapid, agile iterative  
23 software development practices), and pro-  
24 gram management;

1 (B) to make recommendations to the Ad-  
2 ministrator to assist agencies in the further de-  
3 velopment and refinement of select submitted  
4 modernization proposals, based on an initial  
5 evaluation performed with the assistance of the  
6 Administrator;

7 (C) to review and prioritize, with the as-  
8 sistance of the Administrator and the Director,  
9 modernization proposals based on criteria estab-  
10 lished pursuant to subparagraph (A);

11 (D) to identify, with the assistance of the  
12 Administrator, opportunities to improve or re-  
13 place multiple information technology systems  
14 with a smaller number of information tech-  
15 nology services common to multiple agencies;

16 (E) to recommend the funding of mod-  
17 ernization projects, in accordance with the uses  
18 described in subsection (b)(3), to the Adminis-  
19 trator;

20 (F) to monitor, in consultation with the  
21 Administrator, progress and performance in  
22 executing approved projects and, if necessary,  
23 recommend the suspension or termination of  
24 funding for projects based on factors including

1 the failure to meet the terms of a written agree-  
2 ment described in subsection (b)(6); and

3 (G) to monitor the operating costs of the  
4 Fund.

5 (3) MEMBERSHIP.—The Board shall consist of  
6 7 voting members.

7 (4) CHAIR.—The Chair of the Board shall be  
8 the Administrator of the Office of Electronic Gov-  
9 ernment.

10 (5) PERMANENT MEMBERS.—The permanent  
11 members of the Board shall be—

12 (A) the Administrator of the Office of  
13 Electronic Government; and

14 (B) a senior official from the General Serv-  
15 ices Administration having technical expertise  
16 in information technology development, ap-  
17 pointed by the Administrator, with the approval  
18 of the Director.

19 (6) ADDITIONAL MEMBERS OF THE BOARD.—

20 (A) APPOINTMENT.—The other members  
21 of the Board shall be—

22 (i) 1 employee of the National Protec-  
23 tion and Programs Directorate of the De-  
24 partment of Homeland Security, appointed

1 by the Secretary of Homeland Security;  
2 and

3 (ii) 4 employees of the Federal Gov-  
4 ernment primarily having technical exper-  
5 tise in information technology development,  
6 financial management, cybersecurity and  
7 privacy, and acquisition, appointed by the  
8 Director.

9 (B) TERM.—Each member of the Board  
10 described in paragraph (A) shall serve a term  
11 of 1 year, which shall be renewable not more  
12 than 4 times at the discretion of the appointing  
13 Secretary or Director, as applicable.

14 (7) PROHIBITION ON COMPENSATION.—Mem-  
15 bers of the Board may not receive additional pay, al-  
16 lowances, or benefits by reason of their service on  
17 the Board.

18 (8) STAFF.—Upon request of the Chair of the  
19 Board, the Director and the Administrator may de-  
20 tail, on a reimbursable or nonreimbursable basis,  
21 any employee of the Federal Government to the  
22 Board to assist the Board in carrying out the func-  
23 tions of the Board.

24 (d) RESPONSIBILITIES OF ADMINISTRATOR.—

1           (1) IN GENERAL.—In addition to the respon-  
2           sibilities described in subsection (b), the Adminis-  
3           trator shall support the activities of the Board and  
4           provide technical support to, and, with the concur-  
5           rence of the Director, oversight of, agencies that re-  
6           ceive transfers from the Fund.

7           (2) RESPONSIBILITIES.—The responsibilities of  
8           the Administrator are—

9                   (A) to provide direct technical support in  
10                  the form of personnel services or otherwise to  
11                  agencies transferred amounts under subsection  
12                  (b)(3)(A) and for products, services, and acqui-  
13                  sition vehicles funded under subsection  
14                  (b)(3)(B);

15                   (B) to assist the Board with the evalua-  
16                  tion, prioritization, and development of agency  
17                  modernization proposals.

18                   (C) to perform regular project oversight  
19                  and monitoring of approved agency moderniza-  
20                  tion projects, in consultation with the Board  
21                  and the Director, to increase the likelihood of  
22                  successful implementation and reduce waste;  
23                  and

1 (D) to provide the Director with informa-  
2 tion necessary to meet the requirements of sub-  
3 section (b)(7).

4 (e) EFFECTIVE DATE.—This section shall take effect  
5 on the date that is 90 days after the date of enactment  
6 of this Act.

7 (f) SUNSET.—

8 (1) IN GENERAL.—On and after the date that  
9 is 2 years after the date on which the Comptroller  
10 General of the United States issues the third report  
11 required under subsection (b)(7)(B), the Adminis-  
12 trator may not award or transfer funds from the  
13 Fund for any project that is not already in progress  
14 as of such date.

15 (2) TRANSFER OF UNOBLIGATED AMOUNTS.—  
16 Not later than 90 days after the date on which all  
17 projects that received an award from the Fund are  
18 completed, any amounts in the Fund shall be trans-  
19 ferred to the general fund of the Treasury and shall  
20 be used for deficit reduction.

21 (3) TERMINATION OF TECHNOLOGY MOD-  
22 ERNIZATION BOARD.—Not later than 90 days after  
23 the date on which all projects that received an award  
24 from the Fund are completed, the Technology Mod-

1 ernization Board and all the authorities of sub-  
2 section (c) shall terminate.

### 3 **Subtitle H—Other Matters**

#### 4 **SEC. 1081. TECHNICAL, CONFORMING, AND CLERICAL** 5 **AMENDMENTS.**

6 (a) TITLE 10, UNITED STATES CODE.—Title 10,  
7 United States Code, is amended as follows:

8 (1) Section 113(j)(1) is amended by striking  
9 “the Committee on” the first place it appears and  
10 all that follows through “of Representatives” and in-  
11 serting “congressional defense committees”.

12 (2) Section 115(i)(9) is amended by striking  
13 “section 1203(b) of the Cooperative Threat Reduc-  
14 tion Act of 1993 (22 U.S.C. 5952(b))” and inserting  
15 “section 1321(a) of the Department of Defense Co-  
16 operative Threat Reduction Act (50 U.S.C.  
17 3711(a))”.

18 (3) Section 122a(a) is amended by striking  
19 “acting through the Office of the Assistant Sec-  
20 retary of Defense for Public Affairs” and inserting  
21 “acting through the Assistant to the Secretary of  
22 Defense for Public Affairs”.

23 (4) Section 127(e)(1) is amended by striking  
24 “the Committee on” the first place it appears and

1 all that follows through “of Representatives” and in-  
2 serting “congressional defense committees”.

3 (5) Section 129a(b) is amended by striking “(as  
4 identified pursuant to section 118b of this title)”.

5 (6) Section 130f(b)(1) is amended by adding a  
6 period at the end.

7 (7) Section 139b(c)(2) is amended by inserting  
8 a period at the end of subparagraph (K).

9 (8) Section 153(a) is amended by inserting a  
10 colon after “the following” in the matter preceding  
11 paragraph (1).

12 (9) Section 162(a)(4) is amended by striking  
13 the comma after “command of”.

14 (10) Section 164(a)(1)(B) is amended by strik-  
15 ing “section 664(f)” and inserting “section 664(d)”.

16 (11) Section 166(c) is amended by striking  
17 “section 2011” and inserting “section 322”.

18 (12) Section 167b(e)(2)(A)(iii)(II) is amended  
19 by striking “Fiscal Year 2014” and inserting “Fis-  
20 cal Year 2016”.

21 (13) Section 171a is amended—

22 (A) in subsection (f), by striking “(4))”  
23 and inserting “(4))”); and



1 (B) in subsection (i)(3), by striking “sec-  
2 tion 2366(e)” and inserting “sections 2366(e)  
3 and 2366a(d)”.

4 (14) Section 179(f)(3)(B)(iii) is amended by  
5 striking “Joints” and inserting “Joint”.

6 (15) Section 181(b)(1) is amended by striking  
7 “section 118” and inserting “section 113(g)”.

8 (16) Section 222(b) is amended by striking  
9 “both” through the period at the end and inserting  
10 “major force programs.”.

11 (17) Section 342(j)(2) is amended by striking  
12 the second period at the end.

13 (18) Section 347(a)(1)(A) is amended by insert-  
14 ing “section” in clauses (i) and (iii) after “Academy  
15 under”.

16 (19) Section 494(b)(2)(B) is amended by strik-  
17 ing “of title 10” and inserting “of this title”.

18 (20) Section 661(c) is amended by striking  
19 “section 664(f)” in paragraphs (1)(B)(i) and (3)(A)  
20 and inserting “section 664(d)”.

21 (21) Section 801 (article 1 of the Uniform Code  
22 of Military Justice) is amended in the matter pre-  
23 ceding paragraph (1) by striking “chapter:” and in-  
24 serting “chapter (the Uniform Code of Military Jus-  
25 tice):”.

1           (22) Section 806b(b) (article 6b(b) of the Uni-  
2           form Code of Military Justice) is amended by strik-  
3           ing “(the Uniform Code of Military Justice)”.

4           (23) Section 1073c(a)(1)(E) is amended by  
5           striking “miliary” and inserting “military”.

6           (24) Section 1074g(a)(9) is amended by moving  
7           subparagraphs (B) and (C) two ems to the left.

8           (25) Section 1451 is amended in subsections  
9           (a) and (b) by striking “section 1450(a)(4)” each  
10          place it appears and inserting “section 1450(a)(5)”.

11          (26) Section 1452(c) is amended in paragraphs  
12          (1) and (3) by striking “section 1450(a)(4)” both  
13          places it appears and inserting “section 1450(a)(5)”.

14          (27) Subsection (i) of section 1552, as redesign-  
15          ated by section 511(a)(1) of this Act, is amended  
16          by striking “calender” each place it appears and in-  
17          serting “calendar”.

18          (28) Section 1553(f) is amended by striking  
19          “calender” each place it appears and inserting “cal-  
20          endar”.

21          (29) Section 2264(b)(3) is amended by striking  
22          “the date of the” and all the follows through “2015”  
23          and inserting “December 19, 2014”.

24          (30) Section 2330a is amended—

1 (A) in subsection (d)(1)(C), by striking  
2 “management;” and inserting “management;”;  
3 and

4 (B) in subsection (h)—

5 (i) in paragraph (1), by inserting  
6 “PERFORMANCE-BASED.—” after “(1)”;

7 (ii) by designating the four para-  
8 graphs after paragraph (4) as paragraphs  
9 (5), (6), (7), and (8), respectively;

10 (iii) in paragraph (5), as redesignated,  
11 by inserting “SERVICE ACQUISITION PORT-  
12 FOLIO GROUPS.—” after “(5)”;

13 (iv) in paragraph (6), as redesignated,  
14 by inserting “STAFF AUGMENTATION CON-  
15 TRACTS.—” after “(6)”.

16 (31) Section 2334(a)(6)(B) is amended by add-  
17 ing a semicolon at the end.

18 (32) Section 2335 is amended by striking “(2  
19 U.S.C. 431 et seq.)” in subsections (c)(1) and (d)(3)  
20 and inserting “(52 U.S.C. 30101 et seq.)”.

21 (33) The table of sections at the beginning of  
22 chapter 139 is amended by inserting at period at the  
23 end of the items relating to sections 2372 and  
24 2372a.

1           (34) Section 2364(a)(6) is amended by striking  
2           “conveys” and inserting “convey”.

3           (35) Section 2372 is amended by striking “sub-  
4           section (c)(3)(A)” and inserting “subsection  
5           (c)(2)(A)”.

6           (36) Section 2411(1)(D) is amended by striking  
7           “(Public Law 93–638; 25 U.S.C. 450b(l))” and in-  
8           serting “(25 U.S.C. 5304(l))”.

9           (37) The item relating to section 2431b in the  
10          table of sections at the beginning of chapter 144 is  
11          amended to read as follows:

          “2431b. Risk management and mitigation in major defense acquisition programs  
          and major systems.”.

12          (38) Section 2430 is amended by striking “sub-  
13          section (a)(2)” in subsections (b) and (c) and insert-  
14          ing “subsection (a)(1)(B)”.

15          (39) Section 2431a(d) is amended by inserting  
16          “(1)” after “REVIEW.—”.

17          (40) Section 2446b(e) is amended—

18                 (A) in the matter preceding paragraph (1),  
19                 by striking “in writing that—” and inserting  
20                 “in writing—”; and

21                 (B) in paragraph (1), by inserting “, that”  
22                 after “open system approach”.

23          (41) Section 2548(e) is amended—

1 (A) by striking “REQUIREMENTS” and all  
2 that follows through “by the Secretary” and in-  
3 serting “REQUIREMENT.—The annual report  
4 prepared by the Secretary”;

5 (B) by striking “system; and” and insert-  
6 ing “system.”; and

7 (C) by striking paragraph (2).

8 (42) The table of sections at the beginning of  
9 chapter 152 is amended by inserting a period at the  
10 end of the item relating to section 2567.

11 (43) Section 2576a(b) is amended by striking  
12 “and” at the end of paragraph (4).

13 (44) Section 2612(a) is amended by striking  
14 “section 2166(f)(4)” and inserting “section  
15 343(f)(4)”.

16 (45) Section 2662(f)(1)(D) is amended by  
17 striking “section 334” and inserting “section 254”.

18 (46) Section 2667(e) is amended—

19 (A) in paragraph (1)(E), by striking “mili-  
20 tary museum described in section 489(a) of this  
21 title” and inserting “military museum”;

22 (B) in paragraph (4), by striking “before  
23 January 1, 2005, shall be deposited into the ac-  
24 count” and inserting “shall be deposited into

1 the Department of Defense Base Closure Ac-  
2 count”; and

3 (C) by striking paragraph (5).

4 (47) Section 2667(k) is amended by striking  
5 “section 9101” and inserting “section 8101”.

6 (48) Section 2925(b)(1) is amended by striking  
7 “section 138c” and inserting “section 2926(b)”.

8 (49) Chapter 449 is amended—

9 (A) by striking the second section 4781;  
10 and

11 (B) in the table of sections, by striking the  
12 item relating to the second section 4781.

13 (50) Section 7235(e)(2) is amended by striking  
14 “24 months after the date of the enactment of this  
15 section” and inserting “November 25, 2017,”.

16 (51) The item relating to section 9517 in the  
17 table of sections at the beginning of chapter 931 is  
18 amended by making the first letter of the third word  
19 lower case.

20 (b) AMENDMENTS RELATED TO REPEAL OF PEND-  
21 ING AUTHORITY TO ESTABLISH UNDER SECRETARY OF  
22 DEFENSE FOR BUSINESS MANAGEMENT AND INFORMA-  
23 TION.—

24 (1) NATIONAL DEFENSE AUTHORIZATION ACT  
25 FOR FISCAL YEAR 2015.—Effective as of December

1       23, 2016, section 901 of the Carl Levin and Howard  
2       P. “Buck” McKeon National Defense Authorization  
3       Act for Fiscal Year 2015 (Public Law 113–291; 128  
4       Stat. 3462), as amended by section 901(d) of the  
5       National Defense Authorization Act for Fiscal Year  
6       2017 (Public Law 114–328; 130 Stat. 2342), is fur-  
7       ther amended—

8               (A) by striking subsection (j);

9               (B) in subsection (l)(1), by striking sub-  
10       paragraph (A);

11              (C) in subsection (m), by striking para-  
12       graphs (1) and (2); and

13              (D) in subsection (n), by striking para-  
14       graph (1).

15       (2) NATIONAL DEFENSE AUTHORIZATION ACT  
16       FOR FISCAL YEAR 2016.—Effective as of November  
17       25, 2015, subsection (f) of section 883 of the Na-  
18       tional Defense Authorization Act for Fiscal Year  
19       2016 (Public Law 114–92), as added by section  
20       1081(e)(5) of the National Defense Authorization  
21       Act for Fiscal Year 2017 (Public Law 114–328), is  
22       amended by striking paragraph (1).

23       (c) TECHNICAL CORRECTIONS RELATED TO UNI-  
24       FORM CODE OF MILITARY JUSTICE REFORM.—

1           (1) IN GENERAL.—Chapter 47 of title 10,  
2           United States Code (the Uniform Code of Military  
3           Justice), as amended by the Military Justice Act of  
4           2016 (division E of Public Law 114–328), is further  
5           amended as follows:

6                   (A) Section 801 (article 1) is amended, in  
7                   the matter preceding paragraph (1), by insert-  
8                   ing “(the Uniform Code of Military Justice)”  
9                   after “chapter”.

10                   (B) Subsection (b) of section 806b (article  
11                   6b), as amended by section 5105 of the Military  
12                   Justice Act of 2016 (130 Stat. 2895) is amend-  
13                   ed by striking “(the Uniform Code of Military  
14                   Justice)”.

15                   (C) Subsections (b) and (c) of section 816  
16                   (article 16), as amended by section 5161 of the  
17                   Military Justice Act of 2016 (130 Stat. 2897)  
18                   are amended by striking “sections 825(d)(3)  
19                   and 829 of this title (articles 25(d)(3) and 29)”  
20                   each place it appears and inserting “sections  
21                   825(e)(3) and 829 of this title (articles 25(e)(3)  
22                   and 29)”.

23                   (D) Subsection (a)(4) of section 839 (arti-  
24                   cle 39), as added by section 5222(1) of the  
25                   Military Justice Act of 2016 (130 Stat. 2909),



1 is amended by striking “in non-capital cases  
2 unless the accused requests sentencing by mem-  
3 bers under section 825 of this title (article 25)”  
4 and inserting “under section 853(b)(1) of this  
5 title (article 53(b)(1))”.

6 (E) Subsection (i) of section 843 (article  
7 43), as added by section 5225(e) of the Military  
8 Justice Act of 2016 (130 Stat. 2909), is  
9 amended by striking “DNA EVIDENCE.—” and  
10 inserting “DNA EVIDENCE.—”.

11 (F) Section 848(c)(1) (article 48(c)(1)), as  
12 amended by section 5230 of the Military Jus-  
13 tice Act of 2016 (130 Stat. 2913), is further  
14 amended by striking “section 866(g) of this  
15 title (article 66(g))” and inserting “section  
16 866(h) of this title (article 66(h))”.

17 (G) Section 853(b)(1)(B) (article  
18 53(b)(1)(B)), as amended by section 5236 of  
19 the Military Justice Act of 2016 (130 Stat.  
20 2937), is further amended by striking “in a  
21 trial”.

22 (H) Subsection (d) of section 853a (article  
23 53a), as added by section 5237 of the Military  
24 Justice Act of 2016 (130 Stat. 2917), is  
25 amended by striking “military judge” the sec-

1           ond place it appears and inserting “court-mar-  
2           tial”.

3           (I) Section 864(a) (article 64(a)), as  
4           amended by section 5328(a) of the Military  
5           Justice Act of 2016 (130 Stat. 2929), is fur-  
6           ther amended by striking “(a) (a) IN GEN-  
7           ERAL.—” and inserting “(a) IN GENERAL.—”.

8           (J) Subsection (b)(1) of section 865 (arti-  
9           cle 65), as added by section 5329 of the Mili-  
10          tary Justice Act of 2016 (130 Stat. 2930), is  
11          amended by striking “section 866(b)(2) of this  
12          title (article 66(b)(2))” and inserting “section  
13          866(b)(3) of this title (article 66(b)(3))”.

14          (K) Subsection (f)(3) of section 866 (arti-  
15          cle 66), as added by section 5330 of the Mili-  
16          tary Justice Act of 2016 (130 Stat. 2932), is  
17          amended by inserting after “Court” the first  
18          place it appears the following: “of Criminal Ap-  
19          peals”.

20          (L) Section 869(c)(1)(A) (article  
21          69(c)(1)(A)), as amended by section 5333 of  
22          the Military Justice Act of 2016 (130 Stat.  
23          2935), is further amended by inserting a  
24          comma after “in part”.

1 (M) Section 882(b) (article 82(b)), as  
2 amended by section 5403 of the Military Jus-  
3 tice Act of 2016 (130 Stat. 2939), is further  
4 amended by striking “section 99” and inserting  
5 “section 899”.

6 (N) Section 919a(b) (article 119a(b)), as  
7 amended by section 5401(13)(B) of the Military  
8 Justice Act of 2016 (130 Stat. 2939), is fur-  
9 ther amended—

10 (i) by striking “928a, 926, and 928”

11 and inserting “926, 928, and 928a”; and

12 (ii) by striking “128a 126, and 128”

13 and inserting “126, 128, and 128a”.

14 (O) Section 920(g)(2) (article 120(g)(2)),  
15 as amended by section 5430(b) of the Military  
16 Justice Act of 2016 (130 Stat. 2949), is fur-  
17 ther amended in the first sentence by striking  
18 “brest” and inserting “breast”.

19 (P) Section 928(b)(2) (article 128(b)(2)),  
20 as amended by section 5441 of the Military  
21 Justice Act of 2016 (130 Stat. 2954), is fur-  
22 ther amended by striking the comma after  
23 “substantial bodily harm”.

24 (Q) Subsection (b)(2) of section 932 (arti-  
25 cle 132), as added by section 5450 of the Mili-

1           tary Justice Act of 2016 (130 Stat. 2957), is  
2           amended by striking “section 1034(h)” and in-  
3           serting “section 1034(j)”.

4           (R) Section 937 (article 137), as amended  
5           by section 5503 of the Military Justice Act of  
6           2016 (130 Stat. 2960), is further amended by  
7           striking “(the Uniform Code of Military Jus-  
8           tice)” each place it appears as follows:

9                   (i) In subsection (a)(1), in the matter  
10                   preceding subparagraph (A).

11                   (ii) In subsection (b), in the matter  
12                   preceding subparagraph (A).

13                   (iii) In subsection (d), in the matter  
14                   preceding paragraph (1).

15           (2) CROSS-REFERENCES TO STALKING.—Title  
16           10, United States Code, is amended as follows:

17                   (A) Section 673(a) is amended—

18                           (i) by striking “920a, or 920c” and  
19                           inserting “920c, or 930”; and

20                           (ii) by striking “120a, or 120c” and  
21                           inserting “120c, or 130”.

22                   (B) Section 674(a) is amended—

23                           (i) by striking “920a, 920b, 920c, or  
24                           925” and inserting “920b, 920c, or 930”;

25                           and

1 (ii) by striking “120a, 120b, 120c, or  
2 125” and inserting “120b, 120c, or 130”.

3 (C) Section 1034(c)(2)(A) is amended by  
4 striking “sections 920 through 920c of this title  
5 (articles 120 through 120c of the Uniform Code  
6 of Military Justice)” and inserting “section  
7 920, 920b, 920c, or 930 of this title (article  
8 120, 120b, 120c, or 130 of the Uniform Code  
9 of Military Justice)”.

10 (D) Section 1044e(g)(1) is amended—

11 (i) by striking “920a, 920b, 920c, or  
12 925” and inserting “920b, 920c, or 930”;

13 and

14 (ii) by striking “120a, 120b, 120c, or  
15 125” and inserting “120b, 120c, or 130”.

16 (3) CROSS-REFERENCE IN TITLE 5.—Section  
17 8312(b)(2)(A) of title 5, United States Code, is  
18 amended by striking “article 106 (spies), or article  
19 106a (espionage)” and inserting “article 103a (espi-  
20 onage), or article 106 (spies)”.

21 (4) EFFECTIVE DATE.—The amendments made  
22 by this subsection shall take effect immediately after  
23 the amendments made by the Military Justice Act of  
24 2016 (division E of Public Law 114–328) take effect

1 as provided for in section 5542 of that Act (130  
2 Stat. 2967).

3 (d) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
4 FISCAL YEAR 2017.—Effective as of December 23, 2016,  
5 and as if included therein as enacted, the National De-  
6 fense Authorization Act for Fiscal Year 2017 (Public Law  
7 114–328) is amended as follows:

8 (1) Section 217(a)(2) (130 Stat. 2051) is  
9 amended by striking “section 821b” and inserting  
10 “section 821(b)”.

11 (2) Section 233 (10 U.S.C. 2358 note; 130  
12 Stat. 2061) is amended in subsections (a)(1) and  
13 (b)(1), by striking “secretaries” and inserting “Sec-  
14 retaries”.

15 (3) Section 728(b)(1) (130 Stat. 2234) is  
16 amended by inserting “(c)” after “Section 1073b”.

17 (4) Section 805(a)(2) (130 Stat. 2255) is  
18 amended by striking “The table of chapters for title  
19 10, United States Code, is” and inserting “The ta-  
20 bles of chapters at the beginning of subtitle A, and  
21 at the beginning of part IV of subtitle A, of title 10,  
22 United States Code, are”.

23 (5) The matter to be inserted by section  
24 824(d)(1)(B) (130 Stat. 2279) is amended—

1 (A) by striking “(3)” and inserting “(4)”;

2 and

3 (B) by striking “(4)” and inserting “(5)”.

4 (6) Section 833(b)(2)(C) (130 Stat. 2284) is

5 amended—

6 (A) in clause (ii), by striking “Section

7 2330a(j) of title 10, United States Code,” and

8 inserting “Section 2330a(h) of title 10, United

9 States Code, as redesignated by section

10 812(d),”; and

11 (B) in clause (iii), in the matter proposed

12 to be inserted, by striking “section 2330a(j)”

13 and inserting “section 2330a(h)”.

14 (7) Section 865(b)(2) (130 Stat. 2305) is

15 amended by striking “section 2330a(g)(5)” and in-

16 serting “section 2330a(h)(4)”.

17 (8) Section 893(c) (130 Stat. 2324) is amended

18 by inserting “paragraph (2) of” after “is further

19 amended in”.

20 (9) Section 902(b) (130 Stat. 2344) is amended

21 by striking “Section 151(b)(5)” and inserting “Sec-

22 tion 131(b)(5)”.

23 (10) Section 921(c) (130 Stat. 2351) is amend-

24 ed by inserting after “The text of” the following:

25 “subsection (a) (after the subsection heading)”.

1           (11) Section 1061(c)(23) (130 Stat. 2400) is  
2 amended by striking “488(e)” and inserting “488”.

3           (12) Section 1061(i) (130 Stat. 2404) is  
4 amended—

5           (A) in paragraph (23), by striking “2010  
6 (Public Law 110–417)” and inserting “2009  
7 (Public Law 110–417; 10 U.S.C. prec. 701  
8 note)”; and

9           (B) in paragraph (24), by striking “2010”  
10 and inserting “2009”.

11          (13) Section 1064(b) (130 Stat. 2409) is  
12 amended by striking “Public Law 113–239” and in-  
13 serting “Public Law 112–239”.

14          (14) Section 1253(b) (130 Stat. 2532) is  
15 amended by striking “this subchapter” both places  
16 it appears and inserting “this subtitle”.

17          (15) Section 2811(c) (130 Stat. 2716) is  
18 amended by striking “, and the provisions of law  
19 amended by subsections (a) and (b) of that section  
20 shall be restored as if such section had not been en-  
21 acted into law”.

22          (16) Section 2829E(a) (130 Stat. 2733) is  
23 amended by striking paragraph (3).



1           (17) Section 5225(f) (130 Stat. 2910) is  
2           amended by striking “this subsection” and inserting  
3           “this section”.

4           (18) The table of sections to be inserted by sec-  
5           tion 5452 (130 Stat. 2958) is amended—

6                   (A) by striking “Art.” each place it ap-  
7                   pears, except the first place it appears;

8                   (B) in the item relating to section 887a, by  
9                   striking “Resistance” and inserting “Resist-  
10                  ance”;

11                  (C) in the item relating to section 908, by  
12                  striking “of the United States–Loss” and in-  
13                  serting “of United States–Loss,”;

14                  (D) in the item relating to section 909, by  
15                  striking “of the” and inserting “of”; and

16                  (E) in the item relating to section 909a, by  
17                  striking the second period at the end.

18           (19) The matters to be inserted by section 5541  
19           (130 Stat. 2965) is amended—

20                   (A) by striking “Art.” each place it ap-  
21                   pears;

22                   (B) by striking “825.” and inserting  
23                   “825a.”; and

24                   (C) by striking “830.” and inserting  
25                   “830a.”.

1 (e) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
2 FISCAL YEAR 2016.—Effective as of November 25, 2015,  
3 and as if included therein as enacted, section 574 of the  
4 National Defense Authorization Act for Fiscal Year 2016  
5 (Public Law 114–92; 129 Stat. 831) is amended by strik-  
6 ing “1785 note” both places it appears and inserting  
7 “1788 note”.

8 (f) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
9 FISCAL YEAR 2015.—Effective as of December 19, 2014,  
10 and as if included therein as enacted, section  
11 1044(a)(2)(A) of the National Defense Authorization Act  
12 for Fiscal Year 2015 (Public Law 113–291; 128 Stat.  
13 3493) is amended by striking “October 28” and inserting  
14 “September 30”.

15 (g) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
16 FISCAL YEAR 2011.—Effective as of January 7, 2011,  
17 and as if included therein as enacted, section 896(b) of  
18 the Ike Skelton National Defense Authorization Act for  
19 Fiscal Year 2011 (Public Law 111–398; 124 Stat. 4315)  
20 is amended—

21 (1) in paragraph (1), by striking “Chapter”  
22 and inserting “Subchapter II of chapter”; and

23 (2) in paragraph (2), by striking “chapter” and  
24 inserting “subchapter”.

1 (h) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
2 FISCAL YEAR 2009.—Section 943(d)(1) of the Duncan  
3 Hunter National Defense Authorization Act for Fiscal  
4 Year 2009 (Public Law 110–417), as amended by section  
5 1205(c)(2) of Public Law 112–81 (125 Stat. 1623), is fur-  
6 ther amended by striking the second period at the end of  
7 the first sentence.

8 (i) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
9 FISCAL YEAR 2004.—Section 1022(e) of the National De-  
10 fense Authorization Act for Fiscal Year 2004 (Public Law  
11 108–136; 10 U.S.C. 271 note) is amended by striking  
12 “section 1004(j)” and all that follows through the end of  
13 the subsection and inserting “section 284(i) of title 10,  
14 United States Code”.

15 (j) COORDINATION WITH OTHER AMENDMENTS  
16 MADE BY THIS ACT.—For purposes of applying amend-  
17 ments made by provisions of this Act other than this sec-  
18 tion, the amendments made by this section shall be treated  
19 as having been enacted immediately before any such  
20 amendments by other provisions of this Act.

1 **SEC. 1082. CLARIFICATION OF APPLICABILITY OF CERTAIN**  
2 **PROVISIONS OF LAW TO CIVILIAN JUDGES OF**  
3 **THE UNITED STATES COURT OF MILITARY**  
4 **COMMISSION REVIEW.**

5 Section 950f(b) of title 10, United States Code, is  
6 amended by adding at the end the following new para-  
7 graph:

8 “(5)(A) For purposes of sections 203, 205, 207, 208,  
9 and 209 of title 18, the term ‘special Government em-  
10 ployee’ shall include a judge of the Court appointed under  
11 paragraph (3).

12 “(B) A person appointed as a judge of the Court  
13 under paragraph (3) shall be considered to be an officer  
14 or employee of the United States with respect to such per-  
15 son’s status as a judge, but only during periods in which  
16 such person is performing the duties of such a judge. Any  
17 provision of law that prohibits or limits the political or  
18 business activities of an employee of the United States  
19 shall only apply to such a judge during such periods.”.

20 **SEC. 1083. MODIFICATION OF REQUIREMENT RELATING TO**  
21 **CONVERSION OF CERTAIN MILITARY TECHN-**  
22 **CIAN (DUAL STATUS) POSITIONS TO CIVILIAN**  
23 **POSITIONS.**

24 (a) REVISED REDUCTION.—Section 1053(a)(1) of  
25 the National Defense Authorization Act for Fiscal Year  
26 2016 (Public Law 114–92; 10 U.S.C. 10216 note), as

1 amended by section 1084(a)(1) of the National Defense  
2 Authorization Act for Fiscal Year 2017 (Public Law 114–  
3 328; 130 Stat. 2421), is further amended by striking “20  
4 percent” and inserting “12.6 percent”.

5 (b) TECHNICAL CORRECTION.—Section 1084(a)(2)  
6 of the National Defense Authorization Act for Fiscal Year  
7 2017 (Public Law 114–328; 130 Stat. 2421), is amended  
8 by striking “paragraph (2)” and inserting “paragraph  
9 (2)(A)”.

10 **SEC. 1084. NATIONAL GUARD ACCESSIBILITY TO DEPART-**  
11 **MENT OF DEFENSE ISSUED UNMANNED AIR-**  
12 **CRAFT.**

13 (a) REVIEW REQUIRED.—Not later than one year  
14 after the date of the enactment of this Act, the Secretary  
15 of Defense, in coordination with the Chief of the National  
16 Guard Bureau, the Commander of United States North-  
17 ern Command, and the Commander of United States Pa-  
18 cific Command, shall conduct an efficiency and effective-  
19 ness review of the governance structure, coordination proc-  
20 esses, documentation, and timing and deadline require-  
21 ments stipulated in Department of Defense Policy Memo-  
22 randum 15-002, entitled “Guidance for the Domestic Use  
23 of Unmanned Aircraft Systems” and dated February 17,  
24 2015. In conducting the review, the Secretary shall take  
25 into account information and data points provided by

1 State governors and State adjutant generals in assessing  
2 the efficiency and effectiveness of accessing Department  
3 of Defense issued unmanned aircraft systems for State  
4 and National Guard operations.

5 (b) SUBMITTAL TO CONGRESS.—Not later than 30  
6 days after the completion of the review required by sub-  
7 section (a), the Secretary shall submit the review to the  
8 Committees on Armed Services of the Senate and House  
9 of Representatives.

10 **SEC. 1085. SENSE OF CONGRESS REGARDING AIRCRAFT**  
11 **CARRIERS.**

12 (a) FINDINGS.—Congress makes the following find-  
13 ings:

14 (1) Naval aviation was born in the United  
15 States when Eugene Ely launched from the deck of  
16 a United States Navy ship on November 14, 1910,  
17 in a Curtiss Model D.

18 (2) In 1915, Cpt. Henry C. Mustin made the  
19 first catapult launch aboard a ship underway in a  
20 Curtiss Model AB-2, beginning a century of techno-  
21 logical advancements that have led to today's Elec-  
22 tromagnetic Aircraft Launch System.

23 (3) In 1924, Lt. Dixie Kiefer made the first  
24 night catapult launch in a Vought UO-1 in San  
25 Diego harbor.

1           (4) The first nuclear-powered aircraft carrier,  
2           USS Enterprise (CVN 65), was commissioned in  
3           1961, ushering in a new era of the world's most  
4           dominant and capable warships.

5           (5) In 2013, aircraft carrier USS George Wash-  
6           ington (CVN 73) provided humanitarian assistance,  
7           medical supplies, food, and water to the victims in  
8           the Republic of the Philippines of Super Typhoon  
9           Haiyan, once again demonstrating the versatility of  
10          aircraft carriers for combat, diplomatic, and humani-  
11          tarian operations.

12          (6) In 2017, the first of the next generation of  
13          aircraft carriers, USS Gerald R. Ford (CVN 78),  
14          was commissioned, marking a continuation of the in-  
15          novative naval aviation spirit, technological advance-  
16          ment, and war fighting capabilities of aircraft car-  
17          riers.

18          (7) For over 70 years, aircraft carriers have  
19          been employed in every major and many smaller con-  
20          flicts, including World War II, Korea, Vietnam, Gre-  
21          nada, Lebanon, Libya, Operation Desert Storm, Af-  
22          ghanistan, Iraq, and the fight against terrorism.

23          (8) The United States Navy's aircraft carriers  
24          are a cornerstone of the Nation's ability to project  
25          its power and strength.

1           (9) When aircraft carriers sail the globe they  
2           are a statement of national purpose and a symbol of  
3           the Nation's industrial strength, competitive edge,  
4           and economic prosperity.

5           (10) Aircraft carriers are 4.5 acres of sovereign  
6           United States territory enabling the Nation to re-  
7           duce its dependency on other nations while it pur-  
8           sues its national security interests.

9           (11) Aircraft carriers enable the United States  
10          Armed Forces to carry out operations from inter-  
11          national waters, often obviating the need to obtain  
12          fly-over rights and land-base rights from other na-  
13          tions.

14          (12) Aircraft carriers are modern, mobile  
15          United States military bases complete with airfield,  
16          hospital, and communications systems from which  
17          the United States can strike at its enemies.

18          (13) Over 90 percent of world trade is moved  
19          by sea, including much of the world's gas and oil  
20          supply, and aircraft carriers patrol vital regions of  
21          the world to keep shipping lanes open and protect  
22          the interests of the United States and its allies.

23          (14) There are more than 2,450 companies in  
24          48 States and over 364 congressional districts, and  
25          more than 13,100 shipbuilders, who proudly con-



1       tribute to the construction and maintenance of these  
2       complex and technologically advanced ships.

3           (15) Thousands of members of the United  
4       States Armed Forces have served the Nation aboard  
5       aircraft carriers in war, peace, and times of crisis.

6       (b) SENSE OF CONGRESS.—It is the sense of Con-  
7       gress that—

8           (1) United States aircraft carriers are premier  
9       sea-based power projection platforms and have  
10      served the Nation’s interests in times of war and  
11      peace, adapting to the immediate and ever-changing  
12      nature of the world for over 90 years; and

13          (2) aircraft carrier contributions and heritage  
14      should be celebrated.

15 **SEC. 1086. SENSE OF CONGRESS RECOGNIZING THE**  
16 **UNITED STATES NAVY SEABEES.**

17      (a) FINDINGS.—Congress makes the following find-  
18      ings:

19          (1) On March 5, 1942, Navy Construction  
20      Force personnel, known as the “Seabees”, were offi-  
21      cially established by the Navy Department.

22          (2) The purpose of the Navy Seabees is to  
23      build, maintain, and support base infrastructure in  
24      remote locations for the Navy and Marine Corps,

1 while simultaneously being capable of engaging in  
2 combat operations.

3 (3) The Navy Seabees dual-role is exemplified  
4 by the Seabee motto *Construimus, Batuimus*: We  
5 Build, We Fight.

6 (4) Throughout their history, the Navy Seabees  
7 have answered the call of duty to protect the United  
8 States and its democratic values both in times of  
9 war and peace.

10 (5) The Navy Seabees support United States  
11 national security at Navy fleet and combatant com-  
12 mands worldwide, through the construction, both on  
13 land and underwater, of bases, airfields, roads,  
14 bridges, and other infrastructure.

15 (6) The Navy Seabees and their families have  
16 demonstrated unmatched courage and dedication to  
17 sacrifice for the United States, from service in  
18 World War II, Korea, and Vietnam to the recent  
19 conflicts in Afghanistan, Iraq, and elsewhere.

20 (7) The Navy Seabees exhibit honor, personal  
21 courage, and commitment as they sacrifice their per-  
22 sonal comfort to keep the United States safe from  
23 threats.

1           (8) The Navy Seabees continue to display  
2           strength, professionalism, and bravery in the all-vol-  
3           unteer force.

4           (b) SENSE OF CONGRESS.—Congress recognizes the  
5           United States Navy Seabees and the Navy personnel who  
6           comprise the construction force for the Navy and the Ma-  
7           rine Corps as critical elements in deterring conflict, over-  
8           coming aggression, and rebuilding democratic institutions.

9           **SEC. 1087. CONSTRUCTION OF MEMORIAL TO THE CREW OF**  
10                           **THE APOLLO I LAUNCH TEST ACCIDENT AT**  
11                           **ARLINGTON NATIONAL CEMETERY.**

12           Subject to applicable requirements of section  
13           2409(b)(2)(E) of title 38, United States Code, the Sec-  
14           retary of the Army, in consultation with the Administrator  
15           of the National Aeronautics and Space Administration,  
16           the Commission of Fine Arts, and the Advisory Committee  
17           on Arlington National Cemetery, shall authorize the con-  
18           struction, at an appropriate place in Arlington National  
19           Cemetery, Virginia, of a memorial marker honoring the  
20           three members of the crew of the Apollo I who died during  
21           a launch rehearsal test on January 27, 1967, in Cape Ca-  
22           naveral, Florida. The memorial may not be constructed  
23           in a location that is otherwise suitable as an interment  
24           site.

1 **SEC. 1088. DEPARTMENT OF DEFENSE ENGAGEMENT WITH**  
2 **COVERED NON-FEDERAL ENTITIES.**

3 (a) REVIEW OF CURRENT GUIDANCE.—Not later  
4 than 120 days after the date of the enactment of this Act,  
5 the Secretary of Defense and the Secretary of State shall  
6 jointly conduct a review of the guidance of the Department  
7 of Defense applicable to Department of Defense engage-  
8 ments with covered non-Federal entities.

9 (b) ADDITIONAL GUIDANCE.—If the Secretary of De-  
10 fense and the Secretary of State determine pursuant to  
11 the review under subsection (a) that additional guidance  
12 is required in connection with Department of Defense en-  
13 gagements with covered non-Federal entities, the Sec-  
14 retary of Defense, with the concurrence of the Secretary  
15 of State, shall, by not later than 180 days after the date  
16 of the enactment of this Act, issue such additional guid-  
17 ance as the Secretaries consider appropriate in light of  
18 the review. Any such additional guidance shall be con-  
19 sistent with—

20 (1) applicable law, as in effect on the date of  
21 the enactment of this Act;

22 (2) Department of Defense guidance with re-  
23 spect to solicitation and preferential treatment, as in  
24 effect on the date of the enactment of this Act, in-  
25 cluding such guidance specified in the Department  
26 of Defense Joint Ethics Regulations; and

1           (3) the principle that the Department of State  
2           and the United States Agency for International De-  
3           velopment are the principal United States agencies  
4           with primary responsibility for providing and coordi-  
5           nating humanitarian and economic assistance.

6           (c) BRIEFING.—Not later than 150 days after the  
7           date of the enactment of this Act, the Secretary of Defense  
8           and the Secretary of State shall jointly provide to the  
9           Committees on Armed Services of the Senate and the  
10          House of Representatives, the Committee on Foreign Re-  
11          lations of the Senate, and the Committee on Foreign Af-  
12          fairs of the House of Representatives a briefing on the  
13          findings of the review required under subsection (a).

14          (d) COVERED NON-FEDERAL ENTITY DEFINED.—In  
15          this section, the term “covered non-Federal entity” means  
16          an organization that—

17               (1) is based in the United States;

18               (2) has an independent board of directors and  
19               is subject to independent financial audits;

20               (3) is substantially privately-funded;

21               (4) is described in section 501(c)(3) of the In-  
22               ternal Revenue Code of 1986 and is exempt from  
23               taxation under section 501(a) of such Code;

24               (5) provides international assistance; and

1           (6) has a stated mission of supporting United  
2       States military missions abroad.

3       **SEC. 1089. PRIZE COMPETITION TO IDENTIFY ROOT CAUSE**  
4                       **OF PHYSIOLOGICAL EPISODES ON NAVY, MA-**  
5                       **RINE CORPS, AND AIR FORCE TRAINING AND**  
6                       **OPERATIONAL AIRCRAFT.**

7       (a) **IN GENERAL.**—Under the authority of section  
8       2374a of title 10, United States Code, and section 24 of  
9       the Stevenson-Wydler Technology Innovation Act of 1980  
10      (15 U.S.C. 3719), the Secretary of Defense, in consulta-  
11      tion with the Secretary of the Navy, the Secretary of the  
12      Air Force, the Commandant of the Marine Corps, and the  
13      heads of any other appropriate Federal agencies that have  
14      experience in prize competitions, and when appropriate,  
15      in coordination with private organizations, may establish  
16      a prize competition designed to accelerate identification of  
17      the root cause or causes of, or find solutions to, physio-  
18      logical episodes experienced in Navy, Marine Corps, and  
19      Air Force training and operational aircraft.

20      (b) **EVALUATION OF PERSONNEL.**—The Secretary of  
21      Defense, or the Secretary’s designee, shall select the per-  
22      son or persons to conduct the competition authorized in  
23      subsection (a) and evaluate any submissions.

24      (c) **LIMITATION.**—The Secretary of Defense may not  
25      exercise the authority under subsection (a) before the date

1 that is 15 days after the date on which the Secretary of  
2 Defense submits to congressional defense committees cer-  
3 tification in writing that the use of the authority will not  
4 compromise classified information, proprietary informa-  
5 tion, or intellectual property.

6 **SEC. 1090. PROVIDING ASSISTANCE TO HOUSE OF REP-**  
7 **RESENTATIVES IN RESPONSE TO CYBERSE-**  
8 **CURITY EVENTS.**

9 (a) PROVISION OF ASSISTANCE.—If the Speaker of  
10 the House of Representatives (or the Speaker’s designee),  
11 with the concurrence of the Minority Leader of the House  
12 of Representatives (or the Minority Leader’s designee), de-  
13 termines that a cybersecurity event has occurred and that  
14 containing, mitigating, or resolving the event exceeds the  
15 resources of the House of Representatives, then notwith-  
16 standing any other provision of law or any rule, regulation,  
17 or executive order—

18 (1) the Speaker may request assistance in re-  
19 sponding to the event from the head of any Execu-  
20 tive department, military department, or inde-  
21 pendent establishment;

22 (2) not later than 24 hours after receiving the  
23 request, the head of the department or establish-  
24 ment shall begin to provide appropriate assistance in  
25 response to the incident, including (if necessary) re-

1 storing the information systems of the House to an  
2 operational state which allows for the continuation  
3 of the legislative process and for Members, officers,  
4 and employees of the House to continue to meet  
5 their official and representational duties; and

6 (3) such assistance shall be provided without  
7 reimbursement by the House of Representatives.

8 (b) SCOPE OF ASSISTANCE.—

9 (1) IN GENERAL.—The assistance provided to  
10 the Speaker by the head of a department or estab-  
11 lishment under this section may consist only of a  
12 type that the head of the department or establish-  
13 ment is authorized under law to provide to the de-  
14 partment or establishment, another Executive de-  
15 partment, military department, or independent es-  
16 tablishment, or a private entity.

17 (2) CONNECTIONS BETWEEN DEPARTMENT OR  
18 ESTABLISHMENT AND HOUSE INFORMATION SYS-  
19 TEMS.—In providing assistance under this section—

20 (A) personnel of a department or establish-  
21 ment may not log onto the information systems  
22 of the House without the authorization of the  
23 Speaker (or the Speaker's designee); and

24 (B) personnel of a department or establish-  
25 ment may provide the House with access to



1           technological support services of the department  
2           or establishment, including by authorizing per-  
3           sonnel or systems of the House to connect with  
4           and operate services or programs of the depart-  
5           ment or establishment with guidance from sub-  
6           ject matter experts of the department or estab-  
7           lishment.

8           (c) TERMINATION OF ASSISTANCE.—

9           (1) TERMINATION UPON NOTICE FROM SPEAK-  
10          ER.—After initiating assistance under this section,  
11          the head of the department or establishment shall  
12          continue providing assistance until the Speaker (or  
13          Speaker’s designee) notifies the head of the depart-  
14          ment or establishment that the cybersecurity inci-  
15          dent has terminated and that it is no longer nec-  
16          essary for the department or establishment to pro-  
17          vide post-incident assistance.

18          (2) REMOVAL OF TECHNOLOGICAL SUPPORT  
19          SERVICES.—Upon receiving notice from the Speaker  
20          under paragraph (1), the head of the department or  
21          establishment shall ensure that any technological  
22          support services or programs of the department or  
23          establishment are removed from the information sys-  
24          tems of the House, and that personnel of the depart-

1           ment or establishment are no longer monitoring such  
2           systems.

3           (d) COMPLIANCE WITH EXISTING STANDARDS.—In  
4           providing assistance under this section, the head of the  
5           Executive department, military department, or inde-  
6           pendent establishment shall meet the requirements of sec-  
7           tion 113 of the Legislative Branch Appropriations Act,  
8           2017 (Public Law 115–31).

9           (e) NO EFFECT ON OTHER AUTHORITY TO PROVIDE  
10          SUPPORT.—Nothing in this section may be construed to  
11          affect the authority of an Executive department, military  
12          department, or independent establishment to provide any  
13          support, including cybersecurity support, to the House of  
14          Representatives under any other law, rule, or regulation.

15          (f) DEFINITIONS.—In this section, each of the terms  
16          “Executive department”, “military department”, and  
17          “independent establishment” has the meaning given such  
18          term in chapter 1 of title 5, United States Code.

19       **SEC. 1091. TRANSFER OF SURPLUS FIREARMS TO COR-**  
20                   **PORATION FOR THE PROMOTION OF RIFLE**  
21                   **PRACTICE AND FIREARMS SAFETY.**

22          (a) TRANSFER REQUIREMENT.—

23            (1) IN GENERAL.—During fiscal years 2018  
24            and 2019, the Secretary of the Army shall transfer  
25            surplus caliber .45 M1911/M1911A1 pistols de-

1 scribed in paragraph (2) to the Corporation for the  
2 Promotion of Rifle Practice and Firearms Safety in  
3 accordance with this section.

4 (2) PISTOLS DESCRIBED.—The pistols de-  
5 scribed in this paragraph are surplus caliber .45  
6 M1911/M1911A1 pistols and spare parts and re-  
7 lated accessories for those pistols that, on the date  
8 of the enactment of this section, are under the con-  
9 trol of the Secretary and are surplus to the require-  
10 ments of the Department of the Army.

11 (3) NUMBER TO BE TRANSFERRED.—

12 (A) TOTAL NUMBER.—For any fiscal year,  
13 a total of not more than 10,000 surplus caliber  
14 .45 M1911/M1911A1 pistols may be trans-  
15 ferred to the Corporation under this section and  
16 section 40728 of title 36, United States Code.

17 (B) FISCAL YEAR 2018.—For fiscal year  
18 2018, not less than 8,000 surplus caliber .45  
19 M1911/M1911A1 pistols shall be transferred to  
20 the Corporation pursuant to this section.

21 (4) TERMS OF TRANSFERS.—Subsections (b),  
22 (c), (d), (e), and (g) of section 40728 of title 36,  
23 United States Code, shall apply to a transfer under  
24 this section in the same manner such subsections

1 apply to transfers of firearms under such section  
2 40728.

3 (5) OTHER REQUIREMENTS.—Except as pro-  
4 vided in subsection (b)(1), subchapter II of chapter  
5 407 of title 36, United States Code, shall apply with  
6 respect to firearms transferred under this section.

7 (b) SUSPENSION OF DISCRETIONARY TRANSFER AU-  
8 THORITY.—

9 (1) IN GENERAL.—During the period described  
10 in paragraph (2), the Secretary of the Army may  
11 only transfer surplus caliber .45 M1911/M1911A1  
12 pistols to the Corporation under the authority of this  
13 section and may not transfer such pistols to such  
14 Corporation under section 40728 of title 36, United  
15 States Code.

16 (2) PERIOD DESCRIBED.—The period described  
17 in this paragraph is the period beginning on the date  
18 of the enactment of this Act and ending on the ear-  
19 lier of the following dates:

20 (A) The date that is 60 days after the date  
21 of the enactment of the National Defense Au-  
22 thorization Act for Fiscal Year 2020.

23 (B) June 1, 2020.

24 (c) CONFORMING REPEAL OF PILOT PROGRAM FOR  
25 TRANSFER OF PISTOLS.—Section 1087 of the National

1 Defense Authorization Act for Fiscal Year 2016 (Public  
2 Law 114–92; 129 Stat. 1012) is amended by striking sub-  
3 sections (b) and (c).

4 (d) REPORTS ON TRANSFERS.—

5 (1) IN GENERAL.—For each fiscal year during  
6 which the Secretary transfers surplus caliber .45  
7 M1911/M1911A1 pistols under subsection (a), the  
8 Secretary shall submit to Congress a report detailing  
9 the transfer and sale of such pistols during such fis-  
10 cal year. A report under this paragraph for a fiscal  
11 year shall be submitted not later than 5 days after  
12 the budget of the President for the subsequent fiscal  
13 year is submitted to Congress under section 1105 of  
14 title 31, United States Code.

15 (2) CONTENTS OF REPORT.—Each report sub-  
16 mitted under paragraph (1) shall include, for the fis-  
17 cal year covered by the report—

18 (A) the number of surplus caliber .45  
19 M1911/M1911A1 pistols transferred to the Cor-  
20 poration under subsection (a);

21 (B) the number of such pistols sold by the  
22 Corporation; and

23 (C) to the extent feasible based on the in-  
24 formation available to the Secretary, informa-  
25 tion on any crimes committed using any such

1 pistols transferred to or sold by the Corpora-  
2 tion.

3 (e) EVALUATION OF CORPORATION.—

4 (1) IN GENERAL.—Not later than 30 days after  
5 the date of the enactment of this Act, the Secretary  
6 of the Army shall enter into an agreement with a  
7 Federally funded research and development center  
8 with relevant expertise to conduct an evaluation of  
9 the Corporation for the Promotion for Rifle Practice  
10 and Firearms Safety for the purpose of assessing fu-  
11 ture transfers of excess firearms to the Corporation.

12 (2) ELEMENTS.—The evaluation required under  
13 paragraph (1) shall include the following elements:

14 (A) An assessment of the effectiveness of  
15 the Civilian Marksmanship Program, including  
16 an examination of the functions and activities  
17 of the Program, as described in section 40722  
18 of title 36, United States Code, that support  
19 the mission of the Program.

20 (B) A comparison the Civilian Marksman-  
21 ship Program to similar organizations that offer  
22 instruction in marksmanship, firearm practice  
23 and safety, and opportunities for marksmanship  
24 competitions.

1 (C) An evaluation of benefits the Army re-  
2 ceives from the Civilian Marksmanship Pro-  
3 gram relative to the resources the Army pro-  
4 vides to the Program.

5 (D) An assessment of present and prospec-  
6 tive funding models to support a transition to  
7 self-sustainment, including opportunities for  
8 non-Federal resources.

9 (E) An assessment of the costs and profits  
10 associated with the transfer of excess firearms  
11 from the Army to the Civilian Marksmanship  
12 Program (including the costs associated with  
13 the storage, inspection, and, refurbishment of  
14 such firearms), which shall be determined with  
15 respect to surplus caliber .45 M1911/M1911A  
16 pistols using data from a minimum of 8,000  
17 sales transactions.

18 (F) Any other matters the Secretary deter-  
19 mines appropriate.

20 (3) REPORT TO CONGRESS.—The Secretary  
21 shall submit to the congressional defense committees  
22 a report on the results of the evaluation by not later  
23 than January 1, 2019, and shall provide interim  
24 briefings upon request.

25 (f) COMPTROLLER GENERAL REVIEWS.—

1 (1) CONCURRENT REVIEW OF CORPORTION.—

2 (A) IN GENERAL.—At the same time as  
3 the Federally funded research and development  
4 center conducts the evaluation under subsection  
5 (d), the Comptroller General shall conduct a re-  
6 view of the Corporation for the Promotion for  
7 Rifle Practice and Firearms Safety.

8 (B) ELEMENTS.—The review required  
9 under paragraph (1) shall include the following  
10 elements:

11 (i) A review of whether the procedures  
12 relating to sales of surplus caliber .45  
13 M1911/M1911A pistols covered by the  
14 evaluation were conducted in accordance  
15 with applicable Federal laws.

16 (ii) A review of the business oper-  
17 ations of the Civilian Marksmanship Pro-  
18 gram in comparison to the business oper-  
19 ations of other Federally chartered organi-  
20 zations.

21 (iii) An evaluation of any authorities  
22 or agreements governing the relationship  
23 between the Army and the Program.

24 (iv) An assessment of the financial op-  
25 erations of the Civilian Marksmanship Pro-



1                   gram, including how the Program's endow-  
2                   ment is funded by the proceeds from sales  
3                   of excess weapons transferred to the Pro-  
4                   gram from the Army.

5                   (v) An assessment of the costs and  
6                   profits associated with the transfer of ex-  
7                   cess firearms from the Army to the Civil-  
8                   ian Marksmanship Program, which shall  
9                   be determined with respect to surplus cal-  
10                  iber .45 M1911/M1911A1 pistols using  
11                  data from a minimum of 8,000 sales trans-  
12                  actions.

13                  (vi) Any other matters the Comp-  
14                  troller General determines are relevant.

15                  (C) REPORT TO CONGRESS.—The Comp-  
16                  troller General shall submit to the congressional  
17                  defense committees a report on the review re-  
18                  quired by subparagraph (A) by not later than  
19                  January 1, 2019.

20                  (2) REVIEW OF FFRDC REPORT.—

21                  (A) IN GENERAL.—The Comptroller Gen-  
22                  eral shall conduct a review of the report sub-  
23                  mitted under subsection (d)(3).

24                  (B) BRIEFING.—Not later than 60 days  
25                  after the Secretary of the Army submits the re-

1 port required under subsection (d)(3), the  
2 Comptroller General shall provide to the con-  
3 gressional defense committees a briefing on the  
4 preliminary results of the review required by  
5 paragraph (1).

6 (C) REPORT.—Not later than 120 days  
7 after the Secretary submits such report, the  
8 Comptroller General shall submit to the con-  
9 gressional defense committees a report con-  
10 taining the findings and recommendations of  
11 the Comptroller General pursuant to the review  
12 required by paragraph (1).

13 **SEC. 1092. COLLABORATION BETWEEN FEDERAL AVIATION**  
14 **ADMINISTRATION AND DEPARTMENT OF DE-**  
15 **FENSE ON UNMANNED AIRCRAFT SYSTEMS.**

16 (a) COLLABORATION.—

17 (1) IN GENERAL.—The Administrator of the  
18 Federal Aviation Administration and the Secretary  
19 of Defense may collaborate on sense-and-avoid capa-  
20 bilities for unmanned aircraft systems.

21 (2) ELEMENTS.—The collaboration described in  
22 paragraph (1) may include, as appropriate, the fol-  
23 lowing:

1 (A) Sharing information on safely inte-  
2 grating unmanned aircraft systems and manned  
3 aircraft in the national airspace system.

4 (B) The development of civil standards,  
5 policies, and procedures for the Federal Avia-  
6 tion Administration for integrating unmanned  
7 aircraft systems in the national airspace system  
8 by leveraging the historical and current testing,  
9 training, and operational experiences of the De-  
10 partment of Defense, particularly the Air  
11 Force, of unmanned flight operations

12 (C) Informing stakeholders about—

13 (i) the development of airborne and  
14 ground-based sense-and-avoid capabilities  
15 for unmanned aircraft systems; and

16 (ii) research and development on un-  
17 manned aircraft systems, especially with  
18 respect to matters involving human fac-  
19 tors, information assurance, and security.

20 (b) PARTICIPATION BY FAA IN DOD ACTIVITIES.—

21 (1) IN GENERAL.—The Administrator of the  
22 Federal Aviation Administration may participate,  
23 and provide assistance to the Secretary of Defense  
24 for activities during the test and evaluation efforts  
25 of the Department of Defense, including the Air

1 Force, relating to airborne and ground-based sense-  
2 and-avoid capabilities for unmanned aircraft sys-  
3 tems.

4 (2) PARTICIPATION THROUGH TEST SITES.—  
5 Participation under paragraph (1) may include pro-  
6 vision of assistance through Department of Defense  
7 unmanned aircraft systems test sites or a Federal  
8 Aviation Administration test range.

9 (c) DEFINITIONS.—In this section, the terms “un-  
10 manned aircraft system” and “test range” have the mean-  
11 ing given such terms in section 331 of the FAA Mod-  
12 ernization and Reform Act of 2012 (Public Law 112–95;  
13 49 U.S.C. 40101 note).

14 (d) RESTORATION OF RULES FOR REGISTRATION  
15 AND MARKING OF UNMANNED AIRCRAFT.—The rules  
16 adopted by the Administrator of the Federal Aviation Ad-  
17 ministration in the matter of registration and marking re-  
18 quirements for small unmanned aircraft (FAA-2015-7396;  
19 published on December 16, 2015) that were vacated by  
20 the United States Court of Appeals for the District of Co-  
21 lumbia Circuit in *Taylor v. Huerta* (No. 15-1495; decided  
22 on May 19, 2017) shall be restored to effect on the date  
23 of enactment of this Act.

24 **SEC. 1093. CARRIAGE OF CERTAIN PROGRAMMING.**

25 (a) DEFINITIONS.—In this section—

1           (1) the term “local commercial television sta-  
2           tion” has the meaning given the term in section  
3           614(h) of the Communications Act of 1934 (47  
4           U.S.C. 534(h));

5           (2) the term “multichannel video programming  
6           distributor” has the meaning given the term in sec-  
7           tion 602 of the Communications Act of 1934 (47  
8           U.S.C. 522);

9           (3) the term “qualified noncommercial edu-  
10          cational television station” has the meaning given  
11          the term in section 615(l) of the Communications  
12          Act of 1934 (47 U.S.C. 535(l));

13          (4) the term “retransmission consent” means  
14          the authority granted to a multichannel video pro-  
15          gramming distributor under section 325(b) of the  
16          Communications Act of 1934 (47 U.S.C. 325(b)) to  
17          retransmit the signal of a television broadcast sta-  
18          tion; and

19          (5) the term “television broadcast station” has  
20          the meaning given the term in section 76.66(a) of  
21          title 47, Code of Federal Regulations.

22          (b) CARRIAGE OF CERTAIN CONTENT.—Notwith-  
23          standing any other provision of law, a multichannel video  
24          programming distributor may not be directly or indirectly

1 required, including as a condition of obtaining retrans-  
2 mission consent, to—

3           (1) carry non-incidental video content from a  
4 local commercial television station, qualified non-  
5 commercial educational television station, or tele-  
6 vision broadcast station to the extent that such con-  
7 tent is owned, controlled, or financed (in whole or in  
8 part) by the Government of the Russian Federation;  
9 or

10           (2) lease, or otherwise make available, channel  
11 capacity to any person for the provision of video pro-  
12 gramming that is owned, controlled, or financed (in  
13 whole or in part) by the Government of the Russian  
14 Federation.

15       (c) **RULE OF CONSTRUCTION.**—Nothing in this sec-  
16 tion may be construed as applying to the editorial use by  
17 a local commercial television station, qualified noncommer-  
18 cial educational television station, or television broadcast  
19 station of programming that is owned, controlled, or fi-  
20 nanced (in whole or in part) by the Government of the  
21 Russian Federation.

22 **SEC. 1094. NATIONAL STRATEGY FOR COUNTERING VIO-**  
23 **LENT EXTREMISM.**

24       (a) **STRATEGY REQUIRED.**—

1           (1) IN GENERAL.—Not later than June 1,  
2           2018, the President shall submit to the appropriate  
3           committees of Congress a report on a comprehen-  
4           sive, interagency national strategy for countering  
5           violent extremism.

6           (2) ELEMENTS.—The comprehensive, inter-  
7           agency national strategy required by paragraph (1)  
8           shall include the following elements:

9                   (A) Identification of the interagency tools  
10                  for combating and countering violent extre-  
11                  mism, including—

12                           (i) countering violent extremist mes-  
13                           saging and ideological support;

14                           (ii) combating violent extremist fi-  
15                           nancing, intelligence gathering, and co-  
16                           operation;

17                           (iii) law enforcement activities, sanc-  
18                           tions, counterterrorism, and counterintel-  
19                           ligence activities;

20                           (iv) support to civil-society groups,  
21                           commercial entities, allies, and counter  
22                           radicalization activities; and

23                           (v) support by the Armed Forces of  
24                           the United States to combat violent extre-  
25                           mism.

1           (B) Use of, coordination with, or liaison to  
2 international partners, non-governmental orga-  
3 nizations, or commercial entities that support  
4 United States policy goals in countering violent  
5 extremist ideologies and organizations.

6           (C) Synchronization processes for the use  
7 of interagency tools to combat violent extre-  
8 mism, including the roles and responsibilities of  
9 the Global Engagement Center, as well as the  
10 National Security Council in coordinating the  
11 interagency tools.

12           (D) Recommendations for improving co-  
13 ordination between Federal Government agen-  
14 cies, as well as with State, local, international,  
15 and non-governmental entities.

16           (E) Other matters as the President con-  
17 siders appropriate.

18       (b) ASSESSMENT.—Not later than one year after the  
19 date of the submission of the strategy required by sub-  
20 section (a), the President shall submit to the appropriate  
21 committees of Congress an assessment of the strategy, in-  
22 cluding—

23           (1) the status of implementation of the strat-  
24 egy;



1           (2) progress toward the achievement of bench-  
2           marks or implementation of any recommendations;  
3           and

4           (3) any changes to the strategy since such sub-  
5           mission.

6           (c) FORM.—The report and assessment required by  
7           this section shall each be submitted in unclassified form,  
8           but may include a classified annex.

9           (d) APPROPRIATE COMMITTEES OF CONGRESS.—In  
10          this section, the term “appropriate committees of Con-  
11          gress” means—

12           (1) the Committees on Foreign Relations,  
13          Armed Services, Appropriations, Homeland Security  
14          and Governmental Affairs, and the Judiciary and  
15          the Select Committee on Intelligence of the Senate;  
16          and

17           (2) the Committees on Foreign Affairs, Armed  
18          Services, Appropriations, Homeland Security, and  
19          the Judiciary and the Permanent Select Committee  
20          on Intelligence of the House of Representatives.

21 **SEC. 1095. SENSE OF CONGRESS REGARDING WORLD WAR I.**

22           (a) FINDINGS.—Congress makes the following find-  
23          ings:

24           (1) The United States declared war against  
25          Germany on April 6, 1917, to redress wrongs, in-

1 including Germany's resumption of unrestricted sub-  
2 marine warfare, violation of United States neu-  
3 trality, meddling in Mexican affairs, and denial of  
4 freedom of the seas to nonbelligerent nations.

5 (2) The United States associated itself with the  
6 allied powers of the United Kingdom and its Com-  
7 monwealth, France and its colonies, Russia, Italy,  
8 and Japan to defeat the German Empire.

9 (3) The United States Army, consisting of the  
10 Regular Army, National Guard, and Reserve Corps,  
11 with the addition of volunteers and the draftees of  
12 the National Army, underwent a transformation  
13 from a frontier constabulary and coastal defense  
14 force to a modern land warfare force.

15 (4) Early 20th century military and techno-  
16 logical advances resulted in the incorporation of  
17 motor transport, aviation, anti-aircraft artillery,  
18 tanks, chemical weapons, submarines and anti-sub-  
19 marine warfare, underwater mines, and other inno-  
20 vations into the military arsenal of the United  
21 States.

22 (5) The need to quickly build a military  
23 strength of four million soldiers and half a million  
24 sailors required the mobilization of the human re-  
25 sources of the United States, during which members

1 of diverse ethnic groups, races, and creeds, both na-  
2 tive-born and immigrant, forged a new American  
3 identity.

4 (6) The United States Army maintained its de-  
5 fense of American seacoasts, southern border, and  
6 overseas possessions, while the Army American Ex-  
7 peditionary Forces arrived in Europe in June 1917  
8 and deployed for combat operations in October.

9 (7) By the end of World War I, almost  
10 2,000,000 members of the Army served overseas in  
11 the American Expeditionary Forces.

12 (8) During World War I, the United States  
13 Navy increased in strength from approximately  
14 67,000 sailors and marines to approximately  
15 500,000 sailors and marines by the war's end, and  
16 the size of the Navy increased from around 200  
17 ships at the outbreak of war in Europe in 1914, to  
18 342 vessels by the time the United States entered  
19 the war, and 774 vessels by the day of the Armistice

20 (9) The Navy operated in the Atlantic and Pa-  
21 cific Oceans, and the North and Mediterranean Seas  
22 in cooperation with allied navies.

23 (10) The Navy began the fight against the Ger-  
24 man U-boat menace by first dispatching 34 destroy-

1       ers stationed specifically for such purpose, which by  
2       war's end grew to 110 total destroyers

3           (11) Navy vessels escorted troop transports car-  
4       rying 1,250,000 passengers and escorted supply  
5       transports carrying 27 percent of all cargo shipped  
6       to Europe.

7           (12) The Navy deployed five batteries of large-  
8       caliber battleship guns mounted on railroad trains to  
9       France for service as long-range artillery for the  
10      Army.

11          (13) The United States Coast Guard trans-  
12      ferred to the operational control of the Navy and  
13      augmented that service with officers and sailors, ves-  
14      sels of all types, and shore stations.

15          (14) The United States Marine Corps, with an  
16      eventual wartime strength of 53,000 officers and  
17      men, detached the 5th and 6th regiments and a ma-  
18      chine gun battalion to constitute an infantry brigade  
19      integrated into the Army's 2d Division for service in  
20      France.

21          (15) On July 4, 1917, Colonel Charles E. Stan-  
22      ton, one of the officers on the staff of General John  
23      Pershing, commander of the American Expedi-  
24      tionary Forces in Europe, famously announced the  
25      commitment of the United States to the fight when

1 Colonel Stanton proclaimed upon his arrival in  
2 France, “Lafayette, we are here!”.

3 (16) Whereas the American Expeditionary  
4 Forces formed three field armies, nine corps and 43  
5 divisions, plus various units of the Services of Sup-  
6 ply.

7 (17) The American Expeditionary Forces suf-  
8 fered 255,000 casualties and over 50,000 non-battle  
9 casualties while participating in 13 named cam-  
10 paigns in World War I.

11 (18) Participation in World War I resulted in  
12 the completion of a period of reform and profes-  
13 sionalism that transformed the Armed Forces from  
14 a small dispersed organization to a modern industri-  
15 alized fighting force capable of global reach and in-  
16 fluence.

17 (b) SENSE OF CONGRESS.—Congress—

18 (1) honors the memory of the fallen heroes who  
19 wore the uniform of the United States Armed  
20 Forces during World War I;

21 (2) commends the United States Armed Forces  
22 for preserving and protecting the interests of the  
23 United States during World War I;

24 (3) commends the brave members of the United  
25 States Armed Forces for their courage while pre-

1 serving the founding principles of the United States  
2 at home and abroad during World War I;

3 (4) commends the brave members of the United  
4 States Armed Forces for preserving and protecting  
5 the sea lanes of commerce and communications dur-  
6 ing World War I that ensured the continued pros-  
7 perity of the United States;

8 (5) celebrates and congratulates the United  
9 States Army, Navy, Marine Corps, Air Force, and  
10 Coast Guard during the commemoration of the cen-  
11 tennial of World War I for a job well done; and

12 (6) calls on all people of the United States to  
13 join in the commemoration of the centennial of  
14 World War I in events throughout the United States  
15 and overseas.

16 **SEC. 1096. NOTICE TO CONGRESS OF TERMS OF DEPART-**  
17 **MENT OF DEFENSE SETTLEMENT AGREE-**  
18 **MENTS.**

19 (a) REQUEST OF SETTLEMENT AGREEMENTS.—At  
20 the request of the Chairman, in coordination with the  
21 Ranking Member, of the Committee on Armed Services  
22 of the Senate or the House of Representatives or the  
23 Chairman, in coordination with the Ranking Member, of  
24 the Committee on Appropriations of the Senate or the  
25 House of Representatives, the Secretary of Defense shall

1 make available (in an appropriate manner with respect to  
2 classified or other protected information) to the Chairman  
3 and Ranking Member of the requesting committee a settle-  
4 ment agreement (including a consent decree) in any civil  
5 action in a court of competent jurisdiction involving the  
6 Department of Defense, a military department, or a De-  
7 fense Agency.

8 (b) PROVISION OF SETTLEMENT AGREEMENTS.—  
9 The Secretary shall take all necessary steps to ensure the  
10 settlement agreement is provided to the Chairman and  
11 Ranking Member of the requesting committee, including  
12 by making any necessary requests to a court with com-  
13 petent jurisdiction over the settlement.

14 **SEC. 1097. OFFICE OF SPECIAL COUNSEL REAUTHORIZA-**  
15 **TION.**

16 (a) ADEQUATE ACCESS OF SPECIAL COUNSEL TO IN-  
17 FORMATION.—Section 1212(b) of title 5, United States  
18 Code, is amended by adding at the end the following:

19 “(5)(A) Except as provided in subparagraph (B), the  
20 Special Counsel, in carrying out this subchapter, is au-  
21 thorized to—

22 “(i) have timely access to all records, data, re-  
23 ports, audits, reviews, documents, papers, rec-  
24 ommendations, or other material available to the ap-

1 plicable agency that relate to an investigation, re-  
2 view, or inquiry conducted under—

3 “(I) section 1213, 1214, 1215, or 1216 of  
4 this title; or

5 “(II) section 4324(a) of title 38;

6 “(ii) request from any agency the information  
7 or assistance that may be necessary for the Special  
8 Counsel to carry out the duties and responsibilities  
9 of the Special Counsel under this subchapter; and

10 “(iii) require, during an investigation, review, or  
11 inquiry of an agency, the agency to provide to the  
12 Special Counsel any record or other information that  
13 relates to an investigation, review, or inquiry con-  
14 ducted under—

15 “(I) section 1213, 1214, 1215, or 1216 of  
16 this title; or

17 “(II) section 4324(a) of title 38.

18 “(B)(i) The authorization of the Special Counsel  
19 under subparagraph (A) shall not apply with respect to  
20 any entity that is an element of the intelligence commu-  
21 nity, as defined in section 3 of the National Security Act  
22 of 1947 (50 U.S.C. 3003), unless the Special Counsel is  
23 investigating, or otherwise carrying out activities relating  
24 to the enforcement of, an action under subchapter III of  
25 chapter 73.



1           “(ii) An Inspector General may withhold from the  
2 Special Counsel material described in subparagraph (A)  
3 if the Inspector General determines that the material con-  
4 tains information derived from, or pertaining to, intel-  
5 ligence activities.

6           “(iii) The Attorney General or an Inspector General  
7 may withhold from the Special Counsel material described  
8 in subparagraph (A) if—

9                   “(I)(aa) disclosing the material could reason-  
10 ably be expected to interfere with a criminal inves-  
11 tigation or prosecution that is ongoing as of the date  
12 on which the Special Counsel submits a request for  
13 the material; or

14                   “(bb) the material—

15                           “(AA) may not be disclosed pursuant to a  
16 court order; or

17                           “(BB) has been filed under seal under sec-  
18 tion 3730 of title 31; and

19                   “(II) the Attorney General or the Inspector  
20 General, as applicable, submits to the Special Coun-  
21 sel a written report that describes—

22                           “(aa) the material being withheld; and

23                           “(bb) the reason that the material is being  
24 withheld.

1           “(C)(i) A claim of common law privilege by an agen-  
2 cy, or an officer or employee of an agency, shall not pre-  
3 vent the Special Counsel from obtaining any material de-  
4 scribed in subparagraph (A)(i) with respect to the agency.

5           “(ii) The submission of material described in sub-  
6 paragraph (A)(i) by an agency to the Special Counsel may  
7 not be deemed to waive any assertion of privilege by the  
8 agency against a non-Federal entity or against an indi-  
9 vidual in any other proceeding.

10          “(iii) With respect to any record or other information  
11 made available to the Special Counsel by an agency under  
12 subparagraph (A), the Special Counsel may only disclose  
13 the record or information for a purpose that is in further-  
14 ance of any authority provided to the Special Counsel  
15 under this subchapter.

16          “(6) The Special Counsel shall submit to the Com-  
17 mittee on Homeland Security and Governmental Affairs  
18 of the Senate, the Committee on Oversight and Govern-  
19 ment Reform of the House of Representatives, and each  
20 committee of Congress with jurisdiction over the applica-  
21 ble agency a report regarding any case of contumacy or  
22 failure to comply with a request submitted by the Special  
23 Counsel under paragraph (5)(A).”.

24          (b) INFORMATION ON WHISTLEBLOWER PROTEC-  
25 TIONS.—

1 (1) AGENCY RESPONSIBILITIES.—

2 (A) REPEAL.—Section 2307 of chapter 23  
3 of title 5, United States Code, and the item re-  
4 lated to such section in the table of sections for  
5 such chapter, is repealed.

6 (B) INFORMATION ON WHISTLEBLOWER  
7 PROTECTIONS.—Section 2302 of title 5, United  
8 States Code, is amended by—

9 (i) redesignating subsections (c), (d),  
10 and (e) as subsections (d), (e), and (f), re-  
11 spectively; and

12 (ii) by inserting after subsection (b)  
13 the following:

14 “(c)(1) In this subsection—

15 “(A) the term ‘new employee’ means an indi-  
16 vidual—

17 “(i) appointed to a position as an employee  
18 on or after the date of enactment of this sub-  
19 section; and

20 “(ii) who has not previously served as an  
21 employee; and

22 “(B) the term ‘whistleblower protections’ means  
23 the protections against and remedies for a prohibited  
24 personnel practice described in paragraph (8) or

1       subparagraph (A)(i), (B), (C), or (D) of paragraph  
2       (9) of subsection (b).

3       “(2) The head of each agency shall be responsible  
4 for—

5           “(A) preventing prohibited personnel practices;

6           “(B) complying with and enforcing applicable  
7 civil service laws, rules, and regulations and other  
8 aspects of personnel management; and

9           “(C) ensuring, in consultation with the Special  
10 Counsel and the Inspector General of the agency,  
11 that employees of the agency are informed of the  
12 rights and remedies available to the employees under  
13 this chapter and chapter 12, including—

14           “(i) information with respect to whistle-  
15 blower protections available to new employees  
16 during a probationary period;

17           “(ii) the role of the Office of Special Coun-  
18 sel and the Merit Systems Protection Board  
19 with respect to whistleblower protections; and

20           “(iii) the means by which, with respect to  
21 information that is otherwise required by law or  
22 Executive order to be kept classified in the in-  
23 terest of national defense or the conduct of for-  
24 eign affairs, an employee may make a lawful  
25 disclosure of the information to—

1 “(I) the Special Counsel;

2 “(II) the Inspector General of an  
3 agency;

4 “(III) Congress; or

5 “(IV) another employee of the agency  
6 who is designated to receive such a dislo-  
7 sure.

8 “(3) The head of each agency shall ensure that the  
9 information described in paragraph (2) is provided to each  
10 new employee of the agency not later than 180 days after  
11 the date on which the new employee is appointed.

12 “(4) The head of each agency shall make available  
13 information regarding whistleblower protections applicable  
14 to employees of the agency on the public website of the  
15 agency and on any online portal that is made available  
16 only to employees of the agency, if such portal exists.

17 “(5) Any employee to whom the head of an agency  
18 delegates authority for any aspect of personnel manage-  
19 ment shall, within the limits of the scope of the delegation,  
20 be responsible for the activities described in paragraph  
21 (2).”.

22 (2) INFORMATION ON APPEAL RIGHTS.—

23 (A) IN GENERAL.—Any notice provided to  
24 an employee under section 7503(b)(1), section  
25 7513(b)(1), or section 7543(b)(1) of title 5,

1 United States Code, shall include detailed infor-  
2 mation with respect to—

3 (i) the right of the employee to appeal  
4 an action brought under the applicable sec-  
5 tion;

6 (ii) the forums in which the employee  
7 may file an appeal described in clause (i);  
8 and

9 (iii) any limitations on the rights of  
10 the employee that would apply because of  
11 the forum in which the employee decides to  
12 file an appeal.

13 (B) DEVELOPMENT OF INFORMATION.—  
14 The information described in subparagraph (A)  
15 shall be developed by the Director of the Office  
16 of Personnel Management, in consultation with  
17 the Special Counsel, the Merit Systems Protec-  
18 tion Board, and the Equal Employment Oppor-  
19 tunity Commission.

20 (3) TECHNICAL AND CONFORMING AMEND-  
21 MENTS.—

22 (A) Section 4505a(b)(2) of title 5, United  
23 States Code, is amended by striking “section  
24 2302(c)” and inserting “section 2302(d)”.

1 (B) Section 5755(b)(2) of title 5, United  
2 States Code, is amended by striking “section  
3 2302(c)” and inserting “section 2302(d)”.

4 (C) Section 110(b)(2) of the Whistleblower  
5 Protection Enhancement Act of 2012 (5 U.S.C.  
6 2302 note) is amended by striking “section  
7 2302(e)(1) or (2)” and inserting “section  
8 2302(f)(1) or (2)”.

9 (D) Section 1217(d)(3) of the Panama  
10 Canal Act of 1979 (22 U.S.C. 3657(d)(3)) is  
11 amended by striking “section 2302(c)” and in-  
12 serting “section 2302(d)”.

13 (E) Section 1233(b) of the Panama Canal  
14 Act of 1979 (22 U.S.C. 3673(b)) is amended by  
15 striking “section 2302(c)” and inserting “sec-  
16 tion 2302(d)”.

17 (c) ADDITIONAL WHISTLEBLOWER PROVISIONS.—

18 (1) PROHIBITED PERSONNEL PRACTICES.—Sec-  
19 tion 2302 of title 5, United States Code, is amend-  
20 ed—

21 (A) in subsection (b)(9)(C), by inserting  
22 “(or any other component responsible for inter-  
23 nal investigation or review)” after “Inspector  
24 General”; and

25 (B) in subsection (f)—

1 (i) in paragraph (1)—

2 (I) in subparagraph (E), by  
3 striking “or” at the end;

4 (II) by redesignating subpara-  
5 graph (F) as subparagraph (G); and

6 (III) by inserting after subpara-  
7 graph (E) the following:

8 “(F) the disclosure was made before the  
9 date on which the individual was appointed or  
10 applied for appointment to a position; or”; and

11 (ii) by striking paragraph (2) and in-  
12 serting the following:

13 “(2) If a disclosure is made during the normal  
14 course of duties of an employee, the principal job  
15 function of whom is to regularly investigate and dis-  
16 close wrongdoing (referred to in this paragraph as  
17 the ‘disclosing employee’), the disclosure shall not be  
18 excluded from subsection (b)(8) if the disclosing em-  
19 ployee demonstrates that an employee who has the  
20 authority to take, direct other individuals to take,  
21 recommend, or approve any personnel action with re-  
22 spect to the disclosing employee took, failed to take,  
23 or threatened to take or fail to take a personnel ac-  
24 tion with respect to the disclosing employee in re-



1       praisal for the disclosure made by the disclosing em-  
2       ployee.”.

3               (2) EXPLANATIONS FOR FAILURE TO TAKE AC-  
4       TION.—Section 1213 of title 5, United States Code,  
5       is amended—

6               (A) in subsection (b), by striking “15  
7       days” and inserting “45 days”; and

8               (B) in subsection (e)—

9                       (i) in paragraph (1), by striking “Any  
10       such report” and inserting “Any report re-  
11       quired under subsection (c) or paragraph  
12       (5) of this subsection”;

13                      (ii) by striking paragraph (2) and in-  
14       serting the following:

15               “(2) Upon receipt of any report that the head  
16       of an agency is required to submit under subsection  
17       (c), the Special Counsel shall review the report and  
18       determine whether—

19                      “(A) the findings of the head of the agency  
20       appear reasonable; and

21                      “(B) if the Special Counsel requires the  
22       head of the agency to submit a supplemental re-  
23       port under paragraph (5), the reports sub-  
24       mitted by the head of the agency collectively

1 contain the information required under sub-  
2 section (d).”;

3 (iii) in paragraph (3), by striking  
4 “agency report received pursuant to sub-  
5 section (c) of this section” and inserting  
6 “report submitted to the Special Counsel  
7 by the head of an agency under subsection  
8 (c) or paragraph (5) of this subsection”;  
9 and

10 (iv) by adding at the end the fol-  
11 lowing:

12 “(5) If, after conducting a review of a report  
13 under paragraph (2), the Special Counsel concludes  
14 that the Special Counsel requires additional informa-  
15 tion or documentation to determine whether the re-  
16 port submitted by the head of an agency is reason-  
17 able and sufficient, the Special Counsel may request  
18 that the head of the agency submit a supplemental  
19 report—

20 “(A) containing the additional information  
21 or documentation identified by the Special  
22 Counsel; and

23 “(B) that the head of the agency shall sub-  
24 mit to the Special Counsel within a period of  
25 time specified by the Special Counsel.”.

1 (3) TRANSFER REQUESTS DURING STAYS.—

2 (A) PRIORITY GRANTED.—Section  
3 1214(b)(1) of title 5, United States Code, is  
4 amended—

5 (i) by striking subparagraph (E); and

6 (ii) by adding at the end the fol-  
7 lowing:

8 “(E) If the Board grants a stay under sub-  
9 paragraph (A), the head of the agency employ-  
10 ing the employee who is the subject of the ac-  
11 tion shall give priority to a request for a trans-  
12 fer submitted by the employee.”.

13 (B) PROBATIONARY EMPLOYEES.—Section  
14 1221 of title 5, United States Code, is amend-  
15 ed—

16 (i) by striking subsection (k); and

17 (ii) by adding at the end the fol-  
18 lowing:

19 “(k) If the Board grants a stay under subsection (c)  
20 and the employee who is the subject of the action is in  
21 probationary status, the head of the agency employing the  
22 employee shall give priority to a request for a transfer sub-  
23 mitted by the employee.”.

1           (4) RETALIATORY INVESTIGATIONS.—Section  
2           1214 of title 5, United States Code, is amended by  
3           adding at the end the following:

4           “(i) The Special Counsel may petition the Board to  
5           order corrective action, including fees, costs, or damages  
6           reasonably incurred by an employee due to an investiga-  
7           tion of the employee by an agency, if the investigation by  
8           an agency was commenced, expanded, or extended in retal-  
9           iation for a disclosure or protected activity described in  
10          section 2302(b)(8) or subparagraph (A)(i), (B), (C), or  
11          (D) of section 2302(b)(9), without regard to whether a  
12          personnel action, as defined in section 2302(a)(2)(A), is  
13          taken.”.

14          (d) PROTECTION OF WHISTLEBLOWERS AS CRITERIA  
15          IN PERFORMANCE APPRAISALS.—

16               (1) ESTABLISHMENT OF SYSTEMS.—Section  
17               4302 of title 5, United States Code, is amended—

18                       (A) by redesignating subsections (b) and  
19                       (c) as subsections (c) and (d), respectively; and

20                       (B) by inserting after subsection (a) the  
21                       following:

22               “(b)(1) The head of each agency, in consultation with  
23               the Director of the Office of Personnel Management and  
24               the Special Counsel, shall develop criteria that—

1           “(A) the head of the agency shall use as a crit-  
2           ical element for establishing the job requirements of  
3           a supervisory employee; and

4           “(B) promote the protection of whistleblowers.

5           “(2) The criteria required under paragraph (1) shall  
6 include—

7           “(A) principles for the protection of whistle-  
8           blowers, such as the degree to which supervisory em-  
9           ployees—

10           “(i) respond constructively when employees  
11           of the agency make disclosures described in  
12           subparagraph (A) or (B) of section 2302(b)(8);

13           “(ii) take responsible actions to resolve the  
14           disclosures described in clause (i); and

15           “(iii) foster an environment in which em-  
16           ployees of the agency feel comfortable making  
17           disclosures described in clause (i) to supervisory  
18           employees or other appropriate authorities; and

19           “(B) for each supervisory employee—

20           “(i) whether the agency entered into an  
21           agreement with an individual who alleged that  
22           the supervisory employee committed a prohib-  
23           ited personnel practice; and

24           “(ii) if the agency entered into an agree-  
25           ment described in clause (i), the number of in-

1           stances in which the agency entered into such  
2           an agreement with respect to the supervisory  
3           employee.

4           “(3) In this subsection—

5           “(A) the term ‘agency’ means any entity the  
6           employees of which are covered under paragraphs  
7           (8) and (9) of section 2302(b), without regard to  
8           whether any other provision of this section is appli-  
9           cable to the entity;

10          “(B) the term ‘prohibited personnel practice’  
11          has the meaning given the term in section  
12          2302(a)(1);

13          “(C) the term ‘supervisory employee’ means an  
14          employee who would be a supervisor, as defined in  
15          section 7103(a), if the agency employing the em-  
16          ployee was an agency for purposes of chapter 71;  
17          and

18          “(D) the term ‘whistleblower’ means an em-  
19          ployee who makes a disclosure described in section  
20          2302(b)(8).”.

21          (2) CRITERIA FOR PERFORMANCE APPRAIS-  
22          ALS.—Section 4313 of title 5, United States Code,  
23          is amended—

24                  (A) in paragraph (4), by striking “and” at  
25                  the end;

1 (B) in paragraph (5), by striking the pe-  
2 riod at the end and inserting “; and”; and

3 (C) by adding at the end the following:

4 “(6) protecting whistleblowers, as described in  
5 section 4302(b)(2).”.

6 (3) ANNUAL REPORT TO CONGRESS ON UNAC-  
7 CEPTABLE PERFORMANCE IN WHISTLEBLOWER PRO-  
8 TECTION.—

9 (A) DEFINITIONS.—In this paragraph, the  
10 terms “agency” and “whistleblower” have the  
11 meanings given the terms in section 4302(b)(3)  
12 of title 5, United States Code, as amended by  
13 paragraph (1).

14 (B) REPORT.—Each agency shall annually  
15 submit to the Committee on Homeland Security  
16 and Governmental Affairs of the Senate, the  
17 Committee on Oversight and Government Re-  
18 form of the House of Representatives, and each  
19 committee of Congress with jurisdiction over  
20 the agency a report that details—

21 (i) the number of performance ap-  
22 praisals, for the year covered by the report,  
23 that determined that an employee of the  
24 agency failed to meet the standards for  
25 protecting whistleblowers that were estab-

1 lished under section 4302(b) of title 5,  
2 United States Code, as amended by para-  
3 graph (1);

4 (ii) the reasons for the determinations  
5 described in clause (i); and

6 (iii) each performance-based or correc-  
7 tive action taken by the agency in response  
8 to a determination under clause (i).

9 (4) TECHNICAL AND CONFORMING AMEND-  
10 MENT.—Section 4301 of title 5, United States Code,  
11 is amended, in the matter preceding paragraph (1),  
12 by striking “For the purpose of” and inserting “Ex-  
13 cept as otherwise expressly provided, for the purpose  
14 of”.

15 (e) DISCIPLINE OF SUPERVISORS BASED ON RETAL-  
16 IATION AGAINST WHISTLEBLOWERS.—

17 (1) IN GENERAL.—Subchapter II of chapter 75  
18 of title 5, United States Code, is amended—

19 (A) by striking section 7515; and

20 (B) by adding at the end the following:

21 **“§ 7515. Discipline of supervisors based on retaliation**  
22 **against whistleblowers**

23 “(a) DEFINITIONS.—In this section—

24 “(1) the term ‘agency’—



1           “(A) has the meaning given the term in  
2           section 2302(a)(2)(C), without regard to wheth-  
3           er any other provision of this chapter is applica-  
4           ble to the entity; and

5           “(B) does not include any entity that is an  
6           element of the intelligence community, as de-  
7           fined in section 3 of the National Security Act  
8           of 1947 (50 U.S.C. 3003);

9           “(2) the term ‘prohibited personnel action’  
10          means taking or failing to take an action in violation  
11          of paragraph (8), (9), or (14) of section 2302(b)  
12          against an employee of an agency; and

13          “(3) the term ‘supervisor’ means an employee  
14          who would be a supervisor, as defined in section  
15          7103(a), if the entity employing the employee was  
16          an agency.

17          “(b) PROPOSED DISCIPLINARY ACTIONS.—

18          “(1) IN GENERAL.—Subject to section 1214(f),  
19          if the head of the agency in which a supervisor is  
20          employed, an administrative law judge, the Merit  
21          Systems Protection Board, the Special Counsel, a  
22          judge of the United States, or the Inspector General  
23          of the agency in which a supervisor is employed has  
24          determined that the supervisor committed a prohib-  
25          ited personnel action, the head of the agency in

1       which the supervisor is employed, consistent with the  
2       procedures required under paragraph (2)—

3               “(A) for the first prohibited personnel ac-  
4       tion committed by the supervisor—

5                       “(i) shall propose suspending the su-  
6       pervisor for a period that is not less than  
7       3 days; and

8                       “(ii) may propose an additional action  
9       determined appropriate by the head of the  
10      agency, including a reduction in grade or  
11      pay; and

12               “(B) for the second prohibited personnel  
13      action committed by the supervisor, shall pro-  
14      pose removing the supervisor.

15      “(2) PROCEDURES.—

16               “(A) NOTICE.—A supervisor against whom  
17      an action is proposed to be taken under para-  
18      graph (1) is entitled to written notice that—

19                       “(i) states the specific reasons for the  
20      proposed action; and

21                       “(ii) informs the supervisor about the  
22      right of the supervisor to review the mate-  
23      rial that is relied on to support the reasons  
24      given in the notice for the proposed action.

25      “(B) ANSWER AND EVIDENCE.—

1           “(i) IN GENERAL.—A supervisor who  
2           receives notice under subparagraph (A)  
3           may, not later than 14 days after the date  
4           on which the supervisor receives the notice,  
5           submit an answer and furnish evidence in  
6           support of that answer.

7           “(ii) NO EVIDENCE FURNISHED; IN-  
8           SUFFICIENT EVIDENCE FURNISHED.—If,  
9           after the end of the 14-day period de-  
10          scribed in clause (i), a supervisor does not  
11          furnish any evidence as described in that  
12          clause, or if the head of the agency in  
13          which the supervisor is employed deter-  
14          mines that the evidence furnished by the  
15          supervisor is insufficient, the head of the  
16          agency shall carry out the action proposed  
17          under subparagraph (A) or (B) of para-  
18          graph (1), as applicable.

19          “(C) SCOPE OF PROCEDURES.—An action  
20          carried out under this section—

21                 “(i) except as provided in clause (ii),  
22                 shall be subject to the same requirements  
23                 and procedures, including those with re-  
24                 spect to an appeal, as an action under sec-  
25                 tion 7503, 7513, or 7543; and

1 “(ii) shall not be subject to—

2 “(I) paragraphs (1) and (2) of  
3 section 7503(b);

4 “(II) paragraphs (1) and (2) of  
5 subsection (b) and subsection (c) of  
6 section 7513; and

7 “(III) paragraphs (1) and (2) of  
8 subsection (b) and subsection (c) of  
9 section 7543.

10 “(3) NON-DELEGATION.—If the head of an  
11 agency is responsible for determining whether a su-  
12 pervisor has committed a prohibited personnel action  
13 for purposes of paragraph (1), the head of the agen-  
14 cy may not delegate that responsibility.”.

15 (2) TECHNICAL AND CONFORMING AMEND-  
16 MENT.—The table of sections for subchapter II of  
17 chapter 75 of title 5, United States Code, is amend-  
18 ed—

19 (A) by striking any item relating to section  
20 7515; and

21 (B) adding at the end the following:

“7515. Discipline of supervisors based on retaliation against whistleblowers.”.

22 (f) TERMINATION OF CERTAIN INVESTIGATIONS BY  
23 THE OFFICE OF SPECIAL COUNSEL.—Section 1214(a) of  
24 title 5, United States Code, is amended by adding at the  
25 end the following:

1           “(6)(A) Notwithstanding any other provision of  
2           this section, not later than 30 days after the date on  
3           which the Special Counsel receives an allegation of  
4           a prohibited personnel practice under paragraph (1),  
5           the Special Counsel may terminate an investigation  
6           of the allegation without further inquiry if the Spe-  
7           cial Counsel determines that—

8                   “(i) the same allegation, based on the same  
9                   set of facts and circumstances, had previously  
10                  been—

11                           “(I)(aa) made by the individual; and

12                                   “(bb) investigated by the Special  
13                   Counsel; or

14                                   “(II) filed by the individual with the  
15                   Merit Systems Protection Board;

16                           “(ii) the Special Counsel does not have ju-  
17                   risdiction to investigate the allegation; or

18                           “(iii) the individual knew or should have  
19                   known of the alleged prohibited personnel prac-  
20                   tice on or before the date that is 3 years before  
21                   the date on which the Special Counsel received  
22                   the allegation.

23           “(B) Not later than 30 days after the date on  
24           which the Special Counsel terminates an investiga-  
25           tion under subparagraph (A), the Special Counsel

1 shall provide a written notification to the individual  
2 who submitted the allegation of a prohibited per-  
3 sonnel practice that states the basis of the Special  
4 Counsel for terminating the investigation.”.

5 (g) ALLEGATIONS OF WRONGDOING WITHIN THE  
6 OFFICE OF SPECIAL COUNSEL.—Section 1212 of title 5,  
7 United States Code, is amended by adding at the end the  
8 following:

9 “(i) The Special Counsel shall enter into at least 1  
10 agreement with the Inspector General of an agency under  
11 which—

12 “(1) the Inspector General shall—

13 “(A) receive, review, and investigate allega-  
14 tions of prohibited personnel practices or  
15 wrongdoing filed by employees of the Office of  
16 Special Counsel; and

17 “(B) develop a method for an employee of  
18 the Office of Special Counsel to communicate  
19 directly with the Inspector General; and

20 “(2) the Special Counsel—

21 “(A) may not require an employee of the  
22 Office of Special Counsel to seek authorization  
23 or approval before directly contacting the In-  
24 spector General in accordance with the agree-  
25 ment; and

1                   “(B) may reimburse the Inspector General  
2                   for services provided under the agreement.”.

3           (h) REPORTING REQUIREMENTS.—

4           (1) ANNUAL REPORT.—Section 1218 of title 5,  
5           United States Code, is amended to read as follows:

6   **“§ 1218. Annual report**

7           “The Special Counsel shall submit to Congress, on  
8           an annual basis, a report regarding the activities of the  
9           Special Counsel, which shall include, for the year pre-  
10          ceding the submission of the report—

11                  “(1) the number, types, and disposition of alle-  
12                  gations of prohibited personnel practices filed with  
13                  the Special Counsel and the costs of resolving such  
14                  allegations;

15                  “(2) the number of investigations conducted by  
16                  the Special Counsel;

17                  “(3) the number of stays and disciplinary ac-  
18                  tions negotiated with agencies by the Special Coun-  
19                  sel;

20                  “(4) the number of subpoenas issued by the  
21                  Special Counsel;

22                  “(5) the number of instances in which the Spe-  
23                  cial Counsel reopened an investigation after the Spe-  
24                  cial Counsel had made an initial determination with  
25                  respect to the investigation;

1           “(6) the actions that resulted from reopening  
2 investigations, as described in paragraph (5);

3           “(7) the number of instances in which the Spe-  
4 cial Counsel did not make a determination before  
5 the end of the 240-day period described in section  
6 1214(b)(2)(A)(i) regarding whether there were rea-  
7 sonable grounds to believe that a prohibited per-  
8 sonnel practice had occurred, existed, or was to be  
9 taken;

10           “(8) a description of the recommendations and  
11 reports made by the Special Counsel to other agen-  
12 cies under this subchapter and the actions taken by  
13 the agencies as a result of the recommendations or  
14 reports;

15           “(9) the number of—

16           “(A) actions initiated before the Merit Sys-  
17 tems Protection Board, including the number of  
18 corrective action petitions and disciplinary ac-  
19 tion complaints initiated; and

20           “(B) stays and extensions of stays ob-  
21 tained from the Merit Systems Protection  
22 Board;

23           “(10) the number of prohibited personnel prac-  
24 tice complaints that resulted in a favorable action



1 for the complainant, other than a stay or an exten-  
2 sion of a stay, organized by actions in—

3 “(A) complaints dealing with reprisals  
4 against whistleblowers; and

5 “(B) all other complaints;

6 “(11) the number of prohibited personnel prac-  
7 tice complaints that were resolved by an agreement  
8 between an agency and an individual, organized by  
9 agency and agency components in—

10 “(A) complaints dealing with reprisals  
11 against whistleblowers; and

12 “(B) all other complaints;

13 “(12) the number of corrective actions that the  
14 Special Counsel required an agency to take after a  
15 finding by the Special Counsel of a prohibited per-  
16 sonnel practice, as defined in section 2302(a)(1);  
17 and

18 “(13) the results for the Office of Special Coun-  
19 sel of any employee viewpoint survey conducted by  
20 the Office of Personnel Management or any other  
21 agency.”.

22 (2) PUBLIC INFORMATION.—Section 1219(a)(1)  
23 of title 5, United States Code, is amended to read  
24 as follows:

1           “(1) a list of any noncriminal matters referred  
2           to the head of an agency under section 1213(c), to-  
3           gether with—

4                   “(A) a copy of the information transmitted  
5           to the head of the agency under section  
6           1213(c)(1);

7                   “(B) any report from the agency under  
8           section 1213(c)(1)(B) relating to the matter;

9                   “(C) if appropriate, not otherwise prohib-  
10          ited by law, and consented to by the complain-  
11          ant, any comments from the complainant under  
12          section 1213(e)(1) relating to the matter; and

13                   “(D) the comments or recommendations of  
14          the Special Counsel under paragraph (3) or (4)  
15          of section 1213(e);”.

16          (3) NOTICE OF COMPLAINT SETTLEMENTS.—  
17          Section 1217 of title 5, United States Code, is  
18          amended—

19                   (A) by striking “The Special Counsel” and  
20                   inserting the following:

21                   “(a) IN GENERAL.—The Special Counsel”; and

22                   (B) by adding at the end the following:

23                   “(b) ADDITIONAL REPORT REQUIRED.—

24                   “(1) IN GENERAL.—If an allegation submitted  
25                   to the Special Counsel is resolved by an agreement

1 between an agency and an individual, the Special  
2 Counsel shall submit to Congress and each congress-  
3 sional committee with jurisdiction over the agency a  
4 report regarding the agreement.

5 “(2) CONTENTS.—Any report required under  
6 paragraph (1) shall identify, with respect to an  
7 agreement described in that paragraph—

8 “(A) the agency that entered into the  
9 agreement;

10 “(B) the position and employment location  
11 of the employee who submitted the allegation  
12 that formed the basis of the agreement, pro-  
13 vided the information is not so specific as to be  
14 reasonably likely to identify the employee;

15 “(C) the position and employment location  
16 of any employee alleged by an employee de-  
17 scribed in subparagraph (B) to have committed  
18 a prohibited personnel practice, as defined in  
19 section 2302(a)(1);

20 “(D) a description of the allegation de-  
21 scribed in subparagraph (B); and

22 “(E) whether the agency that entered into  
23 the agreement has agreed to pursue any dis-  
24 ciplinary action as a result of the allegation de-  
25 scribed in subparagraph (B).”

1 (i) ESTABLISHMENT OF SURVEY PILOT PROGRAM.—

2 (1) IN GENERAL.—The Office of Special Coun-  
3 sel shall design and establish a pilot program under  
4 which the Office shall conduct, during the first full  
5 fiscal year after the date of enactment of this Act,  
6 a survey of individuals who have filed a complaint or  
7 disclosure with the Office.

8 (2) PURPOSE.—The survey under paragraph  
9 (1) shall be designed for the purpose of collecting in-  
10 formation and improving service at various stages of  
11 a review or investigation by the Office of Special  
12 Counsel.

13 (3) RESULTS.—The results of the survey under  
14 paragraph (1) shall be published in the annual re-  
15 port of the Office of Special Counsel.

16 (4) SUSPENSION OF OTHER SURVEYS.—During  
17 the period beginning on October 1, 2017, and ending  
18 on September 30, 2018, section 13 of the Act enti-  
19 tled “An Act to reauthorize the Office of Special  
20 Counsel, and for other purposes”, approved October  
21 29, 1994 (5 U.S.C. 1212 note), shall have no force  
22 or effect.

23 (j) STAYS OF THE MERIT SYSTEMS PROTECTION  
24 BOARD.—Section 1214(b)(1)(B)(ii) of title 5, United

1 States Code, is amended by striking “who was appointed,  
2 by and with the advice and consent of the Senate,”.

3 (k) PENALTIES UNDER THE HATCH ACT.—

4 (1) IN GENERAL.—Section 7326 of title 5,  
5 United States Code, is amended to read as follows:

6 **“§ 7326. Penalties**

7 “An employee or individual who violates section 7323  
8 or 7324 shall be subject to—

9 “(1) disciplinary action consisting of removal,  
10 reduction in grade, debarment from Federal employ-  
11 ment for a period not to exceed 5 years, suspension,  
12 or reprimand;

13 “(2) an assessment of a civil penalty not to ex-  
14 ceed \$1,000; or

15 “(3) any combination of the penalties described  
16 in paragraph (1) or (2).”.

17 (2) APPLICATION.—The amendment made by  
18 paragraph (1) shall apply to any violation of section  
19 7323 or 7324 of title 5, United States Code, occur-  
20 ring after the date of enactment of this Act.

21 (l) AMENDMENTS TO DR. CHRIS KIRKPATRICK  
22 WHISTLEBLOWER PROTECTION ACT.—Section 105 of the  
23 Dr. Chris Kirkpatrick Whistleblower Protection Act of  
24 2017 is amended—

1 (1) in subsection (a) by inserting “credible” be-  
2 fore “information indicating”; and

3 (2) by adding at the end the following:

4 “(c) PERMISSION OF NEXT OF KIN.—The head of  
5 the agency shall only make a referral under subsection (a)  
6 regarding an employee after receiving written permission  
7 from the next of kin, as such term is defined in section  
8 6381 of title 5, United States Code, of the employee.”.

9 (m) REGULATIONS.—

10 (1) IN GENERAL.—Not later than 2 years after  
11 the date of enactment of this Act, the Special Coun-  
12 sel shall prescribe such regulations as may be nec-  
13 essary to perform—

14 (A) the functions of the Special Counsel  
15 under subchapter II of chapter 12 of title 5,  
16 United States Code, including regulations that  
17 are necessary to carry out sections 1213, 1214,  
18 and 1215 of that title; and

19 (B) any functions of the Special Counsel  
20 that are required because of the amendments  
21 made by this section.

22 (2) PUBLICATION.—Any regulations prescribed  
23 under paragraph (1) shall be published in the Fed-  
24 eral Register.

25 (n) AUTHORIZATION OF APPROPRIATIONS.—

1           (1) IN GENERAL.—Section 8(a)(2) of the Whis-  
2           tleblower Protection Act of 1989 (5 U.S.C. 5509  
3           note) is amended by striking “2003, 2004, 2005,  
4           2006, and 2007” and inserting “2018 through  
5           2023”.

6           (2) EFFECTIVE DATE.—The amendment made  
7           by paragraph (1) shall take effect as though enacted  
8           on September 30, 2017.

9   **SEC. 1098. AIR TRANSPORTATION OF CIVILIAN DEPART-**  
10                           **MENT OF DEFENSE PERSONNEL TO AND**  
11                           **FROM AFGHANISTAN.**

12           (a) POLICY REVIEW.—Not later than 90 days after  
13           the date of the enactment of this Act, the Secretary of  
14           Defense shall conduct a policy review regarding the use  
15           of commercial air transportation or alternative forms of  
16           air transportation to transport civilian personnel of the  
17           Department of Defense to and from Afghanistan.

18           (b) REPORT TO CONGRESS.—Not later than 90 days  
19           after the completion of the policy review required by sub-  
20           section (a), the Secretary shall submit to the Committees  
21           on Armed Services of the Senate and House of Represent-  
22           atives a report on the results of such review.

23           (c) UPDATED GUIDELINES.—Not later than 90 days  
24           after the completion of the policy review required by sub-  
25           section (a), the Secretary shall issue updated guidelines,

1 based on the report submitted under subsection (b), re-  
2 garding the use of commercial air transportation or alter-  
3 native forms of air transportation to transport civilian per-  
4 sonnel of the Department to and from Afghanistan.

5 **TITLE XI—CIVILIAN PERSONNEL**  
6 **MATTERS**

- Sec. 1101. Direct hire authority for the Department of Defense for personnel to assist in business transformation and management innovation.
- Sec. 1102. Extension of direct hire authority for Domestic Defense Industrial Base Facilities and Major Range and Test Facilities Base.
- Sec. 1103. Extension of authority to provide voluntary separation incentive pay for civilian employees of the Department of Defense.
- Sec. 1104. Additional Department of Defense science and technology reinvention laboratories.
- Sec. 1105. One year extension of authority to waive annual limitation on premium pay and aggregate limitation on pay for Federal civilian employees working overseas.
- Sec. 1106. Direct hire authority for financial management experts in the Department of Defense workforce.
- Sec. 1107. Extension of authority for temporary personnel flexibilities for Domestic Defense Industrial Base Facilities and Major Range and Test Facilities Base civilian personnel.
- Sec. 1108. One-year extension of temporary authority to grant allowances, benefits, and gratuities to civilian personnel on official duty in a combat zone.
- Sec. 1109. Extension of overtime rate authority for Department of the Navy employees performing work aboard or dockside in support of the nuclear-powered aircraft carrier forward deployed in Japan.
- Sec. 1110. Pilot program on enhanced personnel management system for cybersecurity and legal professionals in the Department of Defense.
- Sec. 1111. Establishment of senior scientific technical managers at Major Range and Test Facility Base Facilities and Defense Test Resource Management Center.

7 **SEC. 1101. DIRECT HIRE AUTHORITY FOR THE DEPART-**  
8 **MENT OF DEFENSE FOR PERSONNEL TO AS-**  
9 **SIST IN BUSINESS TRANSFORMATION AND**  
10 **MANAGEMENT INNOVATION.**

11 (a) **AUTHORITY.**—The Secretary of Defense may ap-  
12 point in the Department of Defense individuals described



1 in subsection (b) without regard to the provisions of sub-  
2 chapter I of chapter 33 of title 5, United States Code,  
3 for the purpose of assisting and facilitating the efforts of  
4 the Department in business transformation and manage-  
5 ment innovation.

6 (b) COVERED INDIVIDUALS.—The individuals de-  
7 scribed in this subsection are individuals who have all of  
8 the following:

9 (1) A management or business background.

10 (2) Experience working with large or complex  
11 organizations.

12 (3) Expertise in management and organiza-  
13 tional change, data analytics, or business process de-  
14 sign.

15 (c) LIMITATION ON NUMBER.—The number of indi-  
16 viduals appointed pursuant to this section at any one time  
17 may not exceed 10 individuals.

18 (d) NATURE OF APPOINTMENT.—Any appointment  
19 under this section shall be on a term basis, and shall be  
20 subject to the term appointment regulations in part 316  
21 of title 5, Code of Federal Regulations (other than require-  
22 ments in such regulations relating to competitive hiring).  
23 The term of any such appointment shall be specified by  
24 the Secretary at the time of the appointment.

25 (e) BRIEFINGS.—

1           (1) IN GENERAL.—Not later than September  
2           30, 2019, and September 30, 2021, the Secretary  
3           shall brief the appropriate committees of Congress  
4           on the exercise of the authority in this section.

5           (2) ELEMENTS.—Each briefing under this sub-  
6           section shall include the following:

7                   (A) A description and assessment of the  
8                   results of the use of such authority as of the  
9                   date of such briefing.

10                   (B) Such recommendations as the Sec-  
11                   retary considers appropriate for extension or  
12                   modification of such authority.

13           (3) APPROPRIATE COMMITTEES OF CONGRESS  
14           DEFINED.—In this subsection, the term “appro-  
15           priate committees of Congress” means—

16                   (A) the Committee on Armed Services and  
17                   the Committee on Homeland Security and Gov-  
18                   ernmental Affairs of the Senate; and

19                   (B) the Committee on Armed Services and  
20                   the Committee on Government Oversight and  
21                   Reform of the House of Representatives.

22           (f) SUNSET.—

23                   (1) IN GENERAL.—The authority to appoint in-  
24                   dividuals in this section shall expire on September  
25                   30, 2021.

1           (2) CONSTRUCTION WITH EXISTING APPOINT-  
2           MENTS.—The expiration in paragraph (1) of the au-  
3           thority in this section shall not be construed to ter-  
4           minate any appointment made under this section be-  
5           fore the date of expiration that continues according  
6           to its term as of the date of expiration.

7   **SEC. 1102. EXTENSION OF DIRECT HIRE AUTHORITY FOR**  
8                   **DOMESTIC DEFENSE INDUSTRIAL BASE FA-**  
9                   **CILITIES AND MAJOR RANGE AND TEST FA-**  
10                  **CILITIES BASE.**

11          (a) IN GENERAL.—Subsection (a) of section 1125 of  
12          subtitle B of title XI of the National Defense Authoriza-  
13          tion Act for Fiscal Year 2017 (Public Law 114–328) is  
14          amended by striking “During fiscal years 2017 and  
15          2018,” and inserting “During each of fiscal years 2017  
16          through 2021,”.

17          (b) BRIEFING.—Not later than 90 days after the end  
18          of each of fiscal years 2019 and 2021, the Secretary of  
19          Defense shall provide a briefing to the Committee on  
20          Armed Services of the House of Representatives, the Com-  
21          mittee on Armed Services of the Senate, the Committee  
22          on Oversight and Government Reform of the House of  
23          Representatives, and the Committee on Homeland Secu-  
24          rity and Governmental Affairs of the Senate including—

1 (1) a description of the effect of such section  
2 1125 (as amended by subsection (a)) on the man-  
3 agement of the Department of Defense civilian work-  
4 force during the most recently ended fiscal year; and

5 (2) the number of employees—

6 (A) hired under such section during such  
7 fiscal year; and

8 (B) expected to be hired under such sec-  
9 tion during the fiscal year in which the briefing  
10 is provided.

11 **SEC. 1103. EXTENSION OF AUTHORITY TO PROVIDE VOL-**  
12 **UNTARY SEPARATION INCENTIVE PAY FOR**  
13 **CIVILIAN EMPLOYEES OF THE DEPARTMENT**  
14 **OF DEFENSE.**

15 (a) IN GENERAL.—Section 1107 of subtitle A of title  
16 XI of the National Defense Authorization Act for Fiscal  
17 Year 2017 (Public Law 114–328) is amended by striking  
18 “September 30, 2018” and inserting “September 30,  
19 2021”.

20 (b) BRIEFING.—Not later than December 31, 2019,  
21 and December 31, 2021, the Secretary of Defense shall  
22 provide a briefing to the Committee on Armed Services  
23 of the House of Representatives, the Committee on Armed  
24 Services of the Senate, the Committee on Oversight and  
25 Government Reform of the House of Representatives, and

1 the Committee on Homeland Security and Governmental  
2 Affairs of the Senate including—

3           (1) a description of the effect of such section  
4           1107 (as amended by subsection (a)) on the man-  
5           agement of the Department of Defense civilian work-  
6           force during the most recently ended fiscal year;

7           (2) the number of employees offered voluntary  
8           separation incentive payments during such fiscal  
9           year by operation of such section; and

10           (3) the number of such employees that accepted  
11           such payments.

12 **SEC. 1104. ADDITIONAL DEPARTMENT OF DEFENSE**  
13 **SCIENCE AND TECHNOLOGY REINVENTION**  
14 **LABORATORIES.**

15           Section 1105(a) of the National Defense Authoriza-  
16           tion Act for Fiscal Year 2010 (Public Law 111–84; 123  
17           Stat. 2487; 10 U.S.C. 2358 note) is amended by adding  
18           at the end the following:

19           “(20) The Naval Medical Research Center.

20           “(21) The Joint Warfighting Analysis Center.

21           “(22) The Naval Facilities Engineering and Ex-  
22           peditionary Warfare Center.”.

1 **SEC. 1105. ONE YEAR EXTENSION OF AUTHORITY TO WAIVE**  
2 **ANNUAL LIMITATION ON PREMIUM PAY AND**  
3 **AGGREGATE LIMITATION ON PAY FOR FED-**  
4 **ERAL CIVILIAN EMPLOYEES WORKING OVER-**  
5 **SEAS.**

6 Subsection (a) of section 1101 of the Duncan Hunter  
7 National Defense Authorization Act for Fiscal Year 2009  
8 (Public Law 110–417; 122 Stat. 4615), as most recently  
9 amended by section 1137 of the National Defense Author-  
10 ization Act for Fiscal Year 2017 (Public Law 114–328;  
11 130 Stat. 2460), is amended by striking “through 2017”  
12 and inserting “through 2018”.

13 **SEC. 1106. DIRECT HIRE AUTHORITY FOR FINANCIAL MAN-**  
14 **AGEMENT EXPERTS IN THE DEPARTMENT OF**  
15 **DEFENSE WORKFORCE.**

16 (a) IN GENERAL.—Section 1110 of the National De-  
17 fense Authorization Act for 2017 (Public Law 114–328;  
18 130 Stat. 2450; 10 U.S.C. 1580 note prec.) is amended—

19 (1) in subsection (a), by striking “the Defense  
20 Agencies or the applicable military Department” and  
21 inserting “a Department of Defense component”;

22 (2) in subsection (b)(1), by striking “the De-  
23 fense Agencies” and inserting “each Department of  
24 Defense component listed in subsection (f) other  
25 than the Department of the Army, the Department  
26 of the Navy, and the Department of the Air Force”;

1 (3) in subsection (d)—

2 (A) by striking “any Defense Agency or  
3 military department” and inserting “any De-  
4 partment of Defense component”; and

5 (B) by striking “such Defense Agency or  
6 military department” and inserting “such De-  
7 partment of Defense component”; and

8 (4) by striking subsection (f) and inserting the  
9 following new subsection (f):

10 “(f) DEPARTMENT OF DEFENSE COMPONENT DE-  
11 FINED.—In this section, the term ‘Department of Defense  
12 component’ means the following:

13 “(1) A Defense Agency.

14 “(2) The Office of the Chairman of the Joint  
15 Chiefs of Staff.

16 “(3) The Joint Staff.

17 “(4) A combatant command.

18 “(5) The Office of the Inspector General of the  
19 Department of Defense.

20 “(6) A Field Activity of the Department of De-  
21 fense.

22 “(7) The Department of the Army.

23 “(8) The Department of the Navy.

24 “(9) The Department of the Air Force.”.

1 (b) BRIEFING.—Not later than 90 days after the end  
2 of each of fiscal years 2019 and 2021, the Secretary of  
3 Defense shall provide a briefing to the Committee on  
4 Armed Services of the House of Representatives, the Com-  
5 mittee on Armed Services of the Senate, the Committee  
6 on Oversight and Government Reform of the House of  
7 Representatives, and the Committee on Homeland Secu-  
8 rity and Governmental Affairs of the Senate including—

9 (1) a description of the effect of section 1110  
10 of subtitle A of title XI of the National Defense Au-  
11 thorization Act, 2017 (Public Law 114–328), as  
12 amended by subsection (a), on the management of  
13 the Department of Defense civilian workforce during  
14 the most recently ended fiscal year; and

15 (2) the number of employees—

16 (A) hired under such section during such  
17 fiscal year; and

18 (B) expected to be hired under such sec-  
19 tion during the fiscal year in which the briefing  
20 is provided.



1 **SEC. 1107. EXTENSION OF AUTHORITY FOR TEMPORARY**  
2 **PERSONNEL FLEXIBILITIES FOR DOMESTIC**  
3 **DEFENSE INDUSTRIAL BASE FACILITIES AND**  
4 **MAJOR RANGE AND TEST FACILITIES BASE**  
5 **CIVILIAN PERSONNEL.**

6 (a) IN GENERAL.—Subsection (a) of section 1132 of  
7 the National Defense Authorization Act for Fiscal Year  
8 2017 (Public Law 114–328; 130 Stat. 2457) is amended  
9 by striking “and 2018” and inserting “through 2021”.

10 (b) BRIEFING.—Not later than 90 days after the end  
11 of each of fiscal years 2019 and 2021, the Secretary of  
12 Defense shall provide a briefing to the Committee on  
13 Armed Services of the House of Representatives, the Com-  
14 mittee on Armed Services of the Senate, the Committee  
15 on Oversight and Government Reform of the House of  
16 Representatives, and the Committee on Homeland Secu-  
17 rity and Governmental Affairs of the Senate including—

18 (1) a description of the effect of such section  
19 1132 (as amended by subsection (a)) on the man-  
20 agement of civilian personnel at domestic defense in-  
21 dustrial base facilities and Major Range and Test  
22 Facilities Base during the most recently ended fiscal  
23 year; and

24 (2) the number of employees—

25 (A) hired under such section during such  
26 fiscal year; and

1 (B) expected to be hired under such sec-  
2 tion during the fiscal year in which the briefing  
3 is provided.

4 **SEC. 1108. ONE-YEAR EXTENSION OF TEMPORARY AUTHOR-**  
5 **ITY TO GRANT ALLOWANCES, BENEFITS, AND**  
6 **GRATUITIES TO CIVILIAN PERSONNEL ON OF-**  
7 **FICIAL DUTY IN A COMBAT ZONE.**

8 Paragraph (2) of section 1603(a) of the Emergency  
9 Supplemental Appropriations Act for Defense, the Global  
10 War on Terror, and Hurricane Recovery, 2006 (Public  
11 Law 109–234; 120 Stat. 443), as added by section 1102  
12 of the Duncan Hunter National Defense Authorization  
13 Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat.  
14 4616) and as most recently amended by section 1133 of  
15 the National Defense Authorization Act for Fiscal Year  
16 2017 (Public Law 114–328; 130 Stat. 2459), is further  
17 amended by striking “2018” and inserting “2019”.

1 **SEC. 1109. EXTENSION OF OVERTIME RATE AUTHORITY**  
2 **FOR DEPARTMENT OF THE NAVY EMPLOYEES**  
3 **PERFORMING WORK ABOARD OR DOCKSIDE**  
4 **IN SUPPORT OF THE NUCLEAR-POWERED**  
5 **AIRCRAFT CARRIER FORWARD DEPLOYED IN**  
6 **JAPAN.**

7 Section 5542(a)(6)(B) of title 5, United States Code,  
8 is amended by striking “September 30, 2018” and insert-  
9 ing “September 30, 2019”.

10 **SEC. 1110. PILOT PROGRAM ON ENHANCED PERSONNEL**  
11 **MANAGEMENT SYSTEM FOR**  
12 **CYBERSECURITY AND LEGAL PROFES-**  
13 **SIONALS IN THE DEPARTMENT OF DEFENSE.**

14 (a) **PILOT PROGRAM REQUIRED.**—The Secretary of  
15 Defense shall carry out within the Department of Defense  
16 a pilot program to assess the feasibility and advisability  
17 of an enhanced personnel management system in accord-  
18 ance with this section for cybersecurity and legal profes-  
19 sionals in the Department described in subsection (b) who  
20 enter civilian service with the Department on or after Jan-  
21 uary 1, 2020.

22 (b) **CYBERSECURITY AND LEGAL PROFESSIONALS.**—

23 (1) **IN GENERAL.**—The cybersecurity and legal  
24 professionals described in this subsection are the fol-  
25 lowing:

1           (A) Civilian cybersecurity professionals in  
2           the Department of Defense consisting of civilian  
3           personnel engaged in or directly supporting  
4           planning, commanding and controlling, training,  
5           developing, acquiring, modifying, and operating  
6           systems and capabilities, and military units and  
7           intelligence organizations (other than those  
8           funded by the National Intelligence Program)  
9           that are directly engaged in or used for offen-  
10          sive and defensive cyber and information war-  
11          fare or intelligence activities in support thereof.

12          (B) Civilian legal professionals in the De-  
13          partment occupying legal or similar positions,  
14          as determined by the Secretary of Defense for  
15          purposes of the pilot program, that require eli-  
16          gibility to practice law in a State or territory of  
17          the United States.

18          (2) INAPPLICABILITY TO SES POSITIONS.—The  
19          pilot program shall not apply to positions within the  
20          Senior Executive Service under subchapter VIII of  
21          chapter 53 of title 5, United States Code.

22          (c) DIRECT-APPOINTMENT AUTHORITY.—

23                 (1) INAPPLICABILITY OF GENERAL CIVIL SERV-  
24                 ICE APPOINTMENT AUTHORITIES TO APPOINT-  
25                 MENTS.—Under the pilot program, the Secretary of

1 Defense, with respect to the Defense Agencies, and  
2 the Secretary of the military department concerned,  
3 with respect to the military departments, may ap-  
4 point qualified candidates as cybersecurity and legal  
5 professionals without regard to the provisions of  
6 subchapter I of chapter 33 of title 5, United States  
7 Code.

8 (2) APPOINTMENT ON DIRECT-HIRE BASIS.—  
9 Appointments under the pilot program shall be made  
10 on a direct-hire basis.

11 (d) TERM APPOINTMENTS.—

12 (1) RENEWABLE TERM APPOINTMENTS.—Each  
13 individual shall serve with the Department of De-  
14 fense as a cybersecurity or legal professional under  
15 the pilot program pursuant to an initial appointment  
16 to service with the Department for a term of not less  
17 than 2 years nor more than 8 years. Any term of  
18 appointment under the pilot program may be re-  
19 newed for one or more additional terms of not less  
20 than 2 years nor more than 8 years as provided in  
21 subsection (h).

22 (2) LENGTH OF TERMS.—The length of the  
23 term of appointment to a position under the pilot  
24 program shall be prescribed by the Secretary of De-  
25 fense taking into account the national security, mis-

1 sion, and other applicable requirements of the posi-  
2 tion. Positions having identical or similar require-  
3 ments or terms may be grouped into categories for  
4 purposes of the pilot program. The Secretary may  
5 delegate any authority in this paragraph to a com-  
6 missioned officer of the Armed Forces in pay grade  
7 O-7 or above or an employee in the Department in  
8 the Senior Executive Service.

9 (e) NATURE OF SERVICE UNDER APPOINTMENTS.—

10 (1) TREATMENT OF PERSONNEL APPOINTED AS  
11 EMPLOYEES.—Except as otherwise provided by this  
12 section, individuals serving with the Department of  
13 Defense as cybersecurity or legal professionals under  
14 the pilot program pursuant to appointments under  
15 this section shall be considered employees (as speci-  
16 fied in section 2105 of title 5, United States Code)  
17 for purposes of the provisions of title 5, United  
18 States Code, and other applicable provisions of law,  
19 including, in particular, for purposes as follows:

20 (A) Eligibility for participation in the Fed-  
21 eral Employees' Retirement System under chap-  
22 ter 84 of title 5, United States Code, subject to  
23 the provisions of section 8402 of such title and  
24 the regulations prescribed pursuant to such sec-  
25 tion.

1 (B) Eligibility for enrollment in a health  
2 benefits plan under chapter 89 of title 5,  
3 United States Code (commonly referred as the  
4 “Federal Employees Health Benefits Pro-  
5 gram”).

6 (C) Eligibility for and subject to the em-  
7 ployment protections of subpart F of part III of  
8 title 5, United States Code, relating to merit  
9 principles and protections.

10 (D) Eligibility for the protections of chap-  
11 ter 81, of title 5, United States Code, relating  
12 to workers compensation.

13 (2) SCOPE OF RIGHTS AND BENEFITS.—In ad-  
14 ministering the pilot program, the Secretary of De-  
15 fense shall specify, and from time to time update, a  
16 comprehensive description of the rights and benefits  
17 of individuals serving with the Department under  
18 the pilot program pursuant to this subsection and of  
19 the provisions of law under which such rights and  
20 benefits arise.

21 (f) COMPENSATION.—

22 (1) BASIC PAY.—Individuals serving with the  
23 Department of Defense as cybersecurity or legal pro-  
24 fessionals under the pilot program shall be paid  
25 basic pay for such service in accordance with a

1 schedule of pay prescribed by the Secretary of De-  
2 fense for purposes of the pilot program.

3 (2) TREATMENT AS BASIC PAY.—Basic pay  
4 payable under the pilot program shall be treated for  
5 all purposes as basic pay paid under the provisions  
6 of title 5, United States Code.

7 (3) PERFORMANCE AWARDS.—Individuals serv-  
8 ing with the Department as cybersecurity or legal  
9 professionals under the pilot program may be award-  
10 ed such performance awards for outstanding per-  
11 formance as the Secretary shall prescribe for pur-  
12 poses of the pilot program. The performance awards  
13 may include a monetary bonus, time off with pay, or  
14 such other awards as the Secretary considers appro-  
15 priate for purposes of the pilot program. The award  
16 of performance awards under the pilot program shall  
17 be based in accordance with such policies and re-  
18 quirements as the Secretary shall prescribe for pur-  
19 poses of the pilot program.

20 (4) ADDITIONAL COMPENSATION.—Individuals  
21 serving with the Department as cybersecurity or  
22 legal professionals under the pilot program may be  
23 awarded such additional compensation above basic  
24 pay as the Secretary (or the designees of the Sec-  
25 retary) consider appropriate in order to promote the



1 recruitment and retention of highly skilled and pro-  
2 ductive cybersecurity and legal professionals to and  
3 with the Department.

4 (g) PROBATIONARY PERIOD.—The following terms of  
5 appointment shall be treated as a probationary period  
6 under the pilot program:

7 (1) The first term of appointment of an indi-  
8 vidual to service with the Department of Defense as  
9 a cybersecurity or legal professional, regardless of  
10 length.

11 (2) The first term of appointment of an indi-  
12 vidual to a supervisory position in the Department  
13 as a cybersecurity or legal professional, regardless of  
14 length and regardless of whether or not such term  
15 of appointment to a supervisory position is the first  
16 term of appointment of the individual concerned to  
17 service with the Department as a cybersecurity or  
18 legal professional.

19 (h) RENEWAL OF APPOINTMENTS.—

20 (1) IN GENERAL.—The Secretary of Defense  
21 shall prescribe the conditions for the renewal of ap-  
22 pointments under the pilot program. The conditions  
23 may apply to one or more categories of positions, po-  
24 sitions on a case-by-case basis, or both.

1           (2) PARTICULAR CONDITIONS.—In prescribing  
2 conditions for the renewal of appointments under  
3 the pilot program, the Secretary shall take into ac-  
4 count the following (in the order specified):

5           (A) The necessity for the continuation of  
6 the position concerned based on mission re-  
7 quirements and other applicable justifications  
8 for the position.

9           (B) The service performance of the indi-  
10 vidual serving in the position concerned, with  
11 individuals with satisfactory or better perform-  
12 ance afforded preference in renewal.

13           (C) Input from employees on conditions for  
14 renewal.

15           (D) Applicable private and public sector  
16 labor market conditions.

17           (3) SERVICE PERFORMANCE.—The assessment  
18 of the service performance of an individual under the  
19 pilot program for purposes of paragraph (2)(B) shall  
20 consist of an assessment of the ability of the indi-  
21 vidual to effectively accomplish mission goals for the  
22 position concerned as determined by the supervisor  
23 or manager of the individual based on the individ-  
24 ual's performance evaluations and the knowledge of  
25 and review by such supervisor or manager (devel-

1       oped in consultation with the individual) of the indi-  
2       vidual's performance in the position. An individual's  
3       tenure of service in a position or the Department of  
4       Defense may not be the primary element of the as-  
5       sessment.

6       (i) **PROFESSIONAL DEVELOPMENT.**—The pilot pro-  
7       gram shall provide for the professional development of in-  
8       dividuals serving with the Department of Defense as cy-  
9       bersecurity and legal professionals under the pilot pro-  
10      gram in a manner that—

11           (1) creates opportunities for education, train-  
12           ing, and career-broadening experiences, and for ex-  
13           perimental opportunities in other organizations with-  
14           in and outside the Federal Government; and

15           (2) reflects the differentiated needs of personnel  
16           at different stages of their careers.

17      (j) **SABBATICALS.**—

18           (1) **IN GENERAL.**—The pilot program shall pro-  
19           vide for an individual who is in a successive term  
20           after the first 8 years with the Department of De-  
21           fense as a cybersecurity or legal professional under  
22           the pilot program to take, at the election of the indi-  
23           vidual, a paid or unpaid sabbatical from service with  
24           the Department for professional development or edu-  
25           cation purposes. The length of a sabbatical shall be

1 any length not less than 6 months nor more than 1  
2 year (unless a different period is approved by the  
3 Secretary of the military department or head of the  
4 organization or element of the Department con-  
5 cerned for purposes of this subsection). The purpose  
6 of any sabbatical shall be subject to advance ap-  
7 proval by the organization or element in the Depart-  
8 ment in which the individual is currently performing  
9 service. The taking of a sabbatical shall be contin-  
10 gent on the written agreement of the individual con-  
11 cerned to serve with the Department for an appro-  
12 priate length of time at the conclusion of the term  
13 of appointment in which the sabbatical commences,  
14 with the period of such service to be in addition to  
15 the period of such term of appointment.

16 (2) NUMBER OF SABBATICALS.—An individual  
17 may take more than one sabbatical under this sub-  
18 section.

19 (3) REPAYMENT.—Except as provided in para-  
20 graph (4), an individual who fails to satisfy a writ-  
21 ten agreement executed under paragraph (1) with  
22 respect to a sabbatical shall repay the Department  
23 an amount equal to any pay, allowances, and other  
24 benefits received by the individual from the Depart-  
25 ment during the period of the sabbatical.

1           (4) WAIVER OF REPAYMENT.—An agreement  
2           under paragraph (1) may include such conditions for  
3           the waiver of repayment otherwise required under  
4           paragraph (3) for failure to satisfy such agreement  
5           as the Secretary specifies in such agreement.

6           (k) REGULATIONS.—The Secretary of Defense shall  
7           administer the pilot program under regulations prescribed  
8           by the Secretary for purposes of the pilot program.

9           (l) TERMINATION.—

10           (1) IN GENERAL.—The authority of the Sec-  
11           retary of Defense to appoint individuals for service  
12           with the Department of Defense as cybersecurity or  
13           legal professionals under the pilot program shall ex-  
14           pire on December 31, 2029.

15           (2) EFFECT ON EXISTING APPOINTMENTS.—  
16           The termination of authority in paragraph (1) shall  
17           not be construed to terminate or otherwise affect  
18           any appointment made under this section before De-  
19           cember 31, 2029, that remains valid as of that date.

20           (m) IMPLEMENTATION.—

21           (1) INTERIM FINAL RULE.—Not later than one  
22           year after the date of the enactment of this Act, the  
23           Secretary of Defense shall prescribe an interim final  
24           rule to implement the pilot program.

1           (2) FINAL RULE.—Not later than 180 days  
2 after prescribing the interim final rule under para-  
3 graph (1) and considering public comments with re-  
4 spect to such interim final rule, the Secretary shall  
5 prescribe a final rule to implement the pilot pro-  
6 gram.

7           (3) OBJECTIVES.—The regulations prescribed  
8 under paragraphs (1) and (2) shall accomplish the  
9 objectives set forth in subsections (a) through (j)  
10 and otherwise ensure flexibility and expedited ap-  
11 pointment of cybersecurity and legal professionals in  
12 the Department of Defense under the pilot program.

13 (n) REPORTS.—

14           (1) REPORTS REQUIRED.—Not later than Janu-  
15 ary 30 of each of 2022, 2025, and 2028, the Sec-  
16 retary of Defense shall submit to the appropriate  
17 committees of Congress a report on the carrying out  
18 of the pilot program. Each report shall include the  
19 following:

20           (A) A description and assessment of the  
21 carrying out of the pilot program during the pe-  
22 riod since the commencement of the pilot pro-  
23 gram or the previous submittal of a report  
24 under this subsection, as applicable.

1 (B) A description and assessment of the  
2 successes in and impediments to carrying out  
3 the pilot program system during such period.

4 (C) Such recommendations as the Sec-  
5 retary considers appropriate for legislative ac-  
6 tion to improve the pilot program and to other-  
7 wise improve civilian personnel management of  
8 cybersecurity and legal professionals by the De-  
9 partment of Defense.

10 (D) In the case of the report submitted in  
11 2028, an assessment and recommendations by  
12 the Secretary on whether to make the pilot pro-  
13 gram permanent.

14 (2) APPROPRIATE COMMITTEES OF CONGRESS  
15 DEFINED.—In this subsection, the term “appro-  
16 priate committees of Congress” means—

17 (A) the Committee on Armed Services and  
18 the Committee on Homeland Security and Gov-  
19 ernmental Affairs of the Senate; and

20 (B) the Committee on Armed Services and  
21 the Committee on Oversight and Government  
22 Reform of the House of Representatives.

1 **SEC. 1111. ESTABLISHMENT OF SENIOR SCIENTIFIC TECH-**  
2 **NICAL MANAGERS AT MAJOR RANGE AND**  
3 **TEST FACILITY BASE FACILITIES AND DE-**  
4 **FENSE TEST RESOURCE MANAGEMENT CEN-**  
5 **TER.**

6 Section 2358a of title 10, United States Code, is  
7 amended—

8 (1) in subsection (d)—

9 (A) in paragraph (1)—

10 (i) in the matter preceding subpara-  
11 graph (A), by inserting “, each facility of  
12 the Major Range and Test Facility Base,  
13 and the Defense Test Resource Manage-  
14 ment Center” after “each STRL”; and

15 (ii) in subparagraph (A), by inserting  
16 “, of such facility of the Major Range and  
17 Test Facility Base, or the Defense Test  
18 Resource Management Center”; and

19 (B) in paragraph (2)—

20 (i) by striking “The positions” and in-  
21 serting “(A) The laboratory positions”;  
22 and

23 (ii) by adding at the end the following  
24 new subparagraph:

25 “(B) The test and evaluation positions de-  
26 scribed in paragraph (1) may be filled, and



1 shall be managed, by the director of the Major  
2 Range and Test Facility Base, in the case of a  
3 position at a facility of the Major Range and  
4 Test Facility Base, and the director of the De-  
5 fense Test Resource Management Center, in the  
6 case of a position at such center, under criteria  
7 established pursuant to section 342(b) of the  
8 National Defense Authorization Act for Fiscal  
9 Year 1995 (Public Law 103–337; 10 U.S.C.  
10 2358 note), relating to personnel demonstration  
11 projects at laboratories of the Department of  
12 Defense, except that the director involved shall  
13 determine the number of such positions at each  
14 facility of the Major Range and Test Facility  
15 Base and the Defense Test Resource Manage-  
16 ment Center, not to exceed two percent of the  
17 number of scientists and engineers, but at least  
18 one position, employed at the Major Range and  
19 Test Facility Base or the Defense Test Re-  
20 source Management Center, as the case may be,  
21 as of the close of the last fiscal year before the  
22 fiscal year in which any appointments subject to  
23 those numerical limitations are made.”; and  
24 (2) in subsection (f)—

1 (A) by redesignating paragraphs (1) and  
2 (2) as paragraphs (2) and (4), respectively;

3 (B) by inserting before paragraph (2), as  
4 redesignated by subparagraph (A), the following  
5 new paragraph (1):

6 “(1) The term ‘Defense Test Resource Manage-  
7 ment Center’ means the Department of Defense  
8 Test Resource Management Center established  
9 under section 196 of this title.”; and

10 (C) by inserting after paragraph (2), as so  
11 redesignated, the following new paragraph:

12 “(3) The term ‘Major Range and Test Facility  
13 Base’ means the test and evaluation facilities and  
14 resources that are designated by the Secretary of  
15 Defense as facilities and resources comprising the  
16 Major Range and Test Facility Base.”.

17 **TITLE XII—MATTERS RELATING**  
18 **TO FOREIGN NATIONS**

Subtitle A—Assistance and Training

- Sec. 1201. One-year extension of logistical support for coalition forces supporting certain United States military operations.
- Sec. 1202. Support of special operations for irregular warfare.
- Sec. 1203. Obligation of funds in Special Defense Acquisition Fund for precision guided munitions.
- Sec. 1204. Modification of defense institution capacity building and authority to build capacity of foreign security forces.
- Sec. 1205. Extension and modification of authority on training for Eastern European national security forces in the course of multilateral exercises.
- Sec. 1206. Global Security Contingency Fund.
- Sec. 1207. Defense Institute of International Legal Studies.
- Sec. 1208. Extension of participation in and support of the Inter-American Defense College.

- Sec. 1209. Plan on improvement of ability of national security forces of foreign countries participating in United States capacity building programs to protect civilians.

Subtitle B—Matters Relating to Afghanistan and Pakistan

- Sec. 1211. Extension of authority to transfer defense articles and provide defense services to the military and security forces of Afghanistan.
- Sec. 1212. Extension and modification of authority for reimbursement of certain coalition nations for support provided to United States military operations.
- Sec. 1213. Special immigrant visas for Afghan allies.
- Sec. 1214. Extension of authority to acquire products and services produced in countries along a major route of supply to Afghanistan.
- Sec. 1215. Extension of semiannual report on enhancing security and stability in Afghanistan.
- Sec. 1216. Human rights vetting of Afghan National Defense and Security Forces.

Subtitle C—Matters Relating to Syria, Iraq, and Iran

- Sec. 1221. Report on United States strategy in Syria.
- Sec. 1222. Extension and modification of authority to provide assistance to counter the Islamic State of Iraq and Syria.
- Sec. 1223. Modification of authority to provide assistance to the vetted Syrian opposition.
- Sec. 1224. Extension and modification of authority to support operations and activities of the Office of Security Cooperation in Iraq.
- Sec. 1225. Modification and additional elements in annual report on the military power of Iran.
- Sec. 1226. Extension of quarterly reports on confirmed ballistic missile launches from Iran and imposition of sanctions in connection with those launches.
- Sec. 1227. Limitation on use of funds for provision of man-portable air defense systems to the vetted Syrian opposition.
- Sec. 1228. Report on agreement with the Government of the Russian Federation on the status of Syria.

Subtitle D—Matters Relating to the Russian Federation

- Sec. 1231. Extension of limitation on military cooperation between the United States and the Russian Federation.
- Sec. 1232. Prohibition on availability of funds relating to sovereignty of the Russian Federation over Crimea.
- Sec. 1233. Sense of Congress on European security.
- Sec. 1234. Modification and extension of Ukraine Security Assistance Initiative.
- Sec. 1235. Limitation on availability of funds relating to implementation of the Open Skies Treaty.
- Sec. 1236. Sense of Congress on importance of nuclear capabilities of NATO.
- Sec. 1237. Report on Security Cooperation with respect to Western Balkan Countries.
- Sec. 1238. Plan to respond in case of Russian noncompliance with the New START Treaty.
- Sec. 1239. Strategy to counter threats by the Russian Federation.

Sec. 1239A. Strategy to counter the threat of malign influence by the Russian Federation.

Subtitle E—Intermediate-Range Nuclear Forces (INF) Treaty Preservation Act of 2017

- Sec. 1241. Short title.  
Sec. 1242. Findings.  
Sec. 1243. Compliance enforcement regarding Russian violations of the INF Treaty.  
Sec. 1244. Notification requirement related to Russian Federation development of noncompliant systems and United States actions regarding material breach of INF Treaty by the Russian Federation.  
Sec. 1245. Review of RS-26 ballistic missile.  
Sec. 1246. Definitions.

Subtitle F—Matters Relating to the Indo-Asia-Pacific Region

- Sec. 1251. Sense of Congress and Initiative for the Indo-Asia-Pacific region.  
Sec. 1252. Report on strategy to prioritize United States defense interests in the Indo-Asia-Pacific region.  
Sec. 1253. Assessment of United States force posture and basing needs in the Indo-Asia-Pacific region.  
Sec. 1254. Plan to enhance the extended deterrence and assurance capabilities of the United States in the Asia-Pacific region.  
Sec. 1255. Sense of Congress reaffirming security commitments to the Governments of Japan and South Korea and trilateral cooperation between the United States, Japan, and South Korea.  
Sec. 1256. Strategy on North Korea.  
Sec. 1257. North Korean nuclear intercontinental ballistic missiles.  
Sec. 1258. Advancements in defense cooperation between the United States and India.  
Sec. 1259. Strengthening the defense partnership between the United States and Taiwan.  
Sec. 1259A. Normalizing the transfer of defense articles and defense services to Taiwan.  
Sec. 1259B. Assessment on United States defense implications of China's expanding global access.  
Sec. 1259C. Agreement supplemental to Compact of Free Association with Palau.  
Sec. 1259D. Study on United States interests in the Freely Associated States.

Subtitle G—Reports

- Sec. 1261. Modification of annual report on military and security developments involving the People's Republic of China.  
Sec. 1262. Modifications to annual update of Department of Defense Freedom of Navigation Operations report.  
Sec. 1263. Report on strategy to defeat Al-Qaeda, the Taliban, the Islamic State of Iraq and Syria (ISIS), and their associated forces and co-belligerents.  
Sec. 1264. Report on and notice of changes made to the legal and policy frameworks for the United States' use of military force and related national security operations.  
Sec. 1265. Report on military action of Saudi Arabia and its coalition partners in Yemen.

- Sec. 1266. Submittal of Department of Defense Supplemental and Cost of War Execution reports on quarterly basis.
- Sec. 1267. Consolidation of reports on United States Armed Forces, civilian employees, and contractors deployed in support of Operation Inherent Resolve, Operation Freedom's Sentinel, and associated and successor operations.
- Sec. 1268. Comptroller General of the United States report on pricing and availability with respect to foreign military sales.
- Sec. 1269. Annual report on military and security developments involving the Russian Federation.

## Subtitle H—Other Matters

- Sec. 1271. Security and stability strategy for Somalia.
- Sec. 1272. Global Theater Security Cooperation Management Information System.
- Sec. 1273. Future years plan for the European Deterrence Initiative.
- Sec. 1274. Extension of authority to enter into agreements with participating countries in the American, British, Canadian, and Australian Armies' Program.
- Sec. 1275. United States military and diplomatic strategy for Yemen.
- Sec. 1276. Transfer of excess high mobility multipurpose wheeled vehicles to foreign countries.
- Sec. 1277. Department of Defense program to protect United States students against foreign agents.
- Sec. 1278. Limitation and extension of United States-Israel anti-tunnel cooperation authority.
- Sec. 1279. Anticorruption strategy.
- Sec. 1279A. Strategy to improve defense institutions and security sector forces in Nigeria.
- Sec. 1279B. Limitation on availability of funds to implement the Arms Trade Treaty.
- Sec. 1279C. Cultural Heritage Protection Coordinator.
- Sec. 1279D. Security assistance for Baltic nations for joint program for interoperability and deterrence against aggression.
- Sec. 1279E. Restriction on funding for the Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization.
- Sec. 1279F. Clarification of authority to support border security operations of certain foreign countries.

1                   **Subtitle A—Assistance and**  
2                   **Training**

3   **SEC. 1201. ONE-YEAR EXTENSION OF LOGISTICAL SUPPORT**  
4                   **FOR COALITION FORCES SUPPORTING CER-**  
5                   **TAIN UNITED STATES MILITARY OPER-**  
6                   **ATIONS.**

7           Section 1234 of the National Defense Authorization  
8 Act for Fiscal Year 2008 (Public Law 110–181; 122 Stat.  
9 394), as most recently amended by section 1201 of the  
10 National Defense Authorization Act for Fiscal Year 2017  
11 (Public Law 114–328; 130 Stat. 2473), is further amend-  
12 ed—

13                   (1) in subsection (a), by striking “fiscal year  
14 2017” and inserting “fiscal year 2018”;

15                   (2) in subsection (d), by striking “during the  
16 period beginning on October 1, 2016, and ending on  
17 December 31, 2017” and inserting “during the pe-  
18 riod beginning on October 1, 2017, and ending on  
19 December 31, 2018”; and

20                   (3) in subsection (e)(1), by striking “December  
21 31, 2017” and inserting “December 31, 2018”.

22   **SEC. 1202. SUPPORT OF SPECIAL OPERATIONS FOR IRREG-**  
23                   **ULAR WARFARE.**

24           (a) **AUTHORITY.**—The Secretary of Defense may,  
25 with the concurrence of the relevant Chief of Mission, ex-

1 pend up to \$10,000,000 during each of fiscal years 2018  
2 through 2020 to provide support to foreign forces, irreg-  
3 ular forces, groups, or individuals engaged in supporting  
4 or facilitating ongoing and authorized irregular warfare  
5 operations by United States Special Operations Forces.

6 (b) FUNDS.—

7 (1) IN GENERAL.—Funds for support under  
8 this section in a fiscal year shall be derived from  
9 amounts authorized to be appropriated for that fis-  
10 cal year for the Department of Defense for operation  
11 and maintenance.

12 (2) LIMITATION.—Funds may not be made  
13 available under paragraph (1) until 15 days after  
14 the submittal of the strategy required by section  
15 1097 of the National Defense Authorization Act for  
16 Fiscal Year 2016 (Public Law 114–92; 129 Stat.  
17 1020).

18 (c) PROCEDURES.—

19 (1) IN GENERAL.—The authority in this section  
20 shall be exercised in accordance with such proce-  
21 dures as the Secretary shall establish for purposes of  
22 this section.

23 (2) ELEMENTS.—The procedures required  
24 under paragraph (1) shall establish, at a minimum,  
25 the following:

1 (A) Policy guidance for the execution of,  
2 and constraints within, activities under the au-  
3 thority in this section.

4 (B) The processes through which activities  
5 under the authority in this section are to be de-  
6 veloped, validated, and coordinated, as appro-  
7 priate, with relevant entities of the United  
8 States Government.

9 (C) The processes through which legal re-  
10 views and determinations are made to comply  
11 with the authority in this section and ensure  
12 that the exercise of such authority is consistent  
13 with the national security of the United States.

14 (3) NOTICE TO CONGRESS ON PROCEDURES  
15 AND MATERIAL MODIFICATIONS.—The Secretary  
16 shall notify the congressional defense committees of  
17 the procedures established pursuant to this section  
18 before any exercise of the authority in this section,  
19 and shall notify such committee of any material  
20 modification of the procedures.

21 (d) NOTIFICATION.—

22 (1) IN GENERAL.—Not later than 15 days be-  
23 fore exercising the authority in this section to make  
24 funds available to initiate support of an ongoing and  
25 authorized operation or changing the scope or fund-



1       ing level of any support under this section for such  
2       an operation by \$500,000 or an amount equal to 10  
3       percent of such funding level (whichever is less), the  
4       Secretary shall notify the congressional defense com-  
5       mittees of the use of such authority with respect to  
6       such operation. Any such notification shall be in  
7       writing.

8               (2) ELEMENTS.—A notification required by this  
9       subsection shall include the following:

10               (A) The type of support to be provided to  
11               United States Special Operations Forces, and a  
12               description of the ongoing and authorized oper-  
13               ation to be supported.

14               (B) A description of the foreign forces, ir-  
15               regular forces, groups, or individuals engaged in  
16               supporting or facilitating the ongoing and au-  
17               thorized operation that is to be the recipient of  
18               funds.

19               (C) The type of support to be provided to  
20               the recipient of the funds, and a description of  
21               the end-use monitoring to be used in connection  
22               with the use of the funds.

23               (D) The amount obligated under the au-  
24               thority to provide support.

1           (E) The determination of the Secretary  
2           that the provision of support does not con-  
3           stitute any of the following:

4                   (i) A specific authorization within the  
5                   meaning of section 5(b) of the War Powers  
6                   Resolution (50 U.S.C. 1544(b)) for the in-  
7                   troduction of United States Armed Forces  
8                   into hostilities or situations wherein hos-  
9                   tilities are clearly indicated by cir-  
10                  cumstances.

11                  (ii) A covert action, as such term is  
12                  defined in section 503(e) of the National  
13                  Security Act of 1947 (50 U.S.C. 3093(e)).

14                  (iii) An authorization for the provision  
15                  of support to regular forces, irregular  
16                  forces, groups or individuals for the con-  
17                  duct of operations that United States Spe-  
18                  cial Operations Forces are not otherwise  
19                  legally authorized to conduct themselves.

20                  (iv) The conduct or support of activi-  
21                  ties, whether directly or indirectly, that are  
22                  inconsistent with the laws of armed con-  
23                  flict.

1 (e) LIMITATION ON DELEGATION.—The authority of  
2 the Secretary to make funds available under this section  
3 for support of a military operation may not be delegated.

4 (f) CONSTRUCTION OF AUTHORITY.—Nothing in this  
5 section shall be construed to constitute a specific statutory  
6 authorization for any of the following:

7 (1) The conduct of a covert action, as such  
8 term is defined in section 503(e) of the National Se-  
9 curity Act of 1947.

10 (2) The introduction of United States Armed  
11 Forces, within the meaning of section 5(b) of the  
12 War Powers Resolution, into hostilities or into situa-  
13 tions wherein hostilities are clearly indicated by the  
14 circumstances.

15 (3) The provision of support to regular forces,  
16 irregular forces, groups, or individuals for the con-  
17 duct of operations that United States Special Oper-  
18 ations Forces are not otherwise legally authorized to  
19 conduct themselves.

20 (4) The conduct or support of activities, directly  
21 or indirectly, that are inconsistent with the laws of  
22 armed conflict.

23 (g) PROGRAMMATIC AND POLICY OVERSIGHT.—The  
24 Assistant Secretary of Defense for Special Operations and  
25 Low-Intensity Conflict shall have primary programmatic

1 and policy oversight within the Office of the Secretary of  
2 Defense of support to irregular warfare activities author-  
3 ized by this section.

4 (h) BIENNIAL REPORTS.—

5 (1) REPORT ON PRECEDING FISCAL YEAR.—

6 Not later than 120 days after the close of each fiscal  
7 year in which subsection (a) is in effect, the Sec-  
8 retary shall submit to the congressional defense com-  
9 mittees a report on the support provided under this  
10 section during the preceding fiscal year.

11 (2) REPORT ON CURRENT CALENDAR YEAR.—

12 Not later than 180 days after the submittal of each  
13 report required by paragraph (1), the Secretary shall  
14 submit to the congressional defense committees a re-  
15 port on the support provided under this section dur-  
16 ing the first half of the fiscal year in which the re-  
17 port under this paragraph is submitted.

18 (3) ELEMENTS.—Each report required by this  
19 subsection shall include the following:

20 (A) A summary of the ongoing irregular  
21 warfare operations, and associated authorized  
22 campaign plans, being conducted by United  
23 States Special Operations Forces that were sup-  
24 ported or facilitated by foreign forces, irregular  
25 forces, groups, or individuals for which support

1 was provided under this section during the pe-  
2 riod covered by such report.

3 (B) A description of the support or facili-  
4 tation provided by such foreign forces, irregular  
5 forces, groups, or individuals to United States  
6 Special Operations Forces during such period.

7 (C) The type of recipients that were pro-  
8 vided support under this section during such  
9 period, identified by authorized category (for-  
10 eign forces, irregular forces, groups, or individ-  
11 uals).

12 (D) A detailed description of the support  
13 provided to the recipients under this section  
14 during such period.

15 (E) The total amount obligated for support  
16 under this section during such period, including  
17 budget details.

18 (F) The intended duration of support pro-  
19 vided under this section during such period

20 (G) An assessment of value of the support  
21 provided under this section during such period,  
22 including a summary of significant activities  
23 undertaken by foreign forces, irregular forces,  
24 groups, or individuals to support irregular war-

1           fare operations by United States Special Oper-  
2           ations Forces.

3           (H) The total amount obligated for sup-  
4           port under this section in prior fiscal years.

5           (i) **IRREGULAR WARFARE DEFINED.**—In this section,  
6 the term “irregular warfare” means activities in support  
7 of predetermined United States policy and military objec-  
8 tives conducted by, with, and through regular forces, irreg-  
9 ular forces, groups, and individuals participating in com-  
10 petition between state and non-state actors short of tradi-  
11 tional armed conflict.

12 **SEC. 1203. OBLIGATION OF FUNDS IN SPECIAL DEFENSE**  
13                   **ACQUISITION FUND FOR PRECISION GUIDED**  
14                   **MUNITIONS.**

15           (a) **IN GENERAL.**—Section 114(c)(3) of title 10,  
16 United States Code, is amended by striking “Of the  
17 amount” and all that follows through “only to procure”  
18 and inserting “Of the amount of annual obligations from  
19 the Special Defense Acquisition Fund in each of fiscal  
20 years 2018 through 2022, not less than 20 percent shall  
21 be for funds to procure”.

22           (b) **EFFECTIVE DATE.**—The amendment made by  
23 subsection (a) shall take effect as of October 1, 2017.

1 **SEC. 1204. MODIFICATION OF DEFENSE INSTITUTION CA-**  
2 **PACITY BUILDING AND AUTHORITY TO BUILD**  
3 **CAPACITY OF FOREIGN SECURITY FORCES.**

4 (a) DEFENSE INSTITUTION CAPACITY BUILDING.—

5 Section 332 of title 10, United States Code, is amended—

6 (1) in subsection (a), by inserting “and mem-  
7 bers of the armed forces” after “civilian employees  
8 of the Department of Defense”;

9 (2) in subsection (b)—

10 (A) in paragraph (1), by inserting “to as-  
11 sign civilian employees of the Department of  
12 Defense and members of the armed forces as  
13 advisors or trainers” after “carry out a pro-  
14 gram”; and

15 (B) in paragraph (2)(B)—

16 (i) by striking “employees” in each  
17 place it appears and inserting “advisors or  
18 trainers”; and

19 (ii) by striking “each assigned em-  
20 ployee’s activities” and inserting “the ac-  
21 tivities of each assigned advisor or train-  
22 er”; and

23 (3) in subsection (c)—

24 (A) in the matter preceding paragraph (1),  
25 by inserting “or a member of the armed forces”

1 after “a civilian employee of the Department of  
2 Defense”;

3 (B) in paragraph (1), by striking “em-  
4 ployee as an advisor” and inserting “advisor or  
5 trainer”; and

6 (C) in paragraph (3), by striking “em-  
7 ployee” and inserting “advisor or trainer”.

8 (b) AUTHORITY TO BUILD CAPACITY OF FOREIGN  
9 SECURITY FORCES.—Subsection (c) of section 333 of title  
10 10, United States Code, is amended—

11 (1) in paragraph (2)—

12 (A) in subparagraph (A), by striking “and  
13 the rule of law” and inserting “the rule of law,  
14 and civilian control of the military”; and

15 (B) in subparagraph (B), by striking “Re-  
16 spect for civilian control of the military” and  
17 inserting “Institutional capacity building”;

18 (2) in paragraph (3)—

19 (A) in the heading, by striking “HUMAN  
20 RIGHTS TRAINING” and inserting “OBSERV-  
21 ANCE OF AND RESPECT FOR THE LAW OF  
22 ARMED CONFLICT, HUMAN RIGHTS AND FUNDA-  
23 MENTAL FREEDOMS, THE RULE OF LAW, AND  
24 CIVILIAN CONTROL OF THE MILITARY”;



1 (B) by inserting “or the Department of  
2 State” after “Department of Defense”; and

3 (C) by striking “human rights training  
4 that includes a comprehensive curriculum on  
5 human rights and the law of armed conflict”  
6 and inserting “training that includes a com-  
7 prehensive curriculum on the law of armed con-  
8 flict, human rights and fundamental freedoms,  
9 and the rule of law, and that enhances the ca-  
10 pacity to exercise responsible civilian control of  
11 the military”; and

12 (3) in paragraph (4)—

13 (A) in the first sentence, by striking “that  
14 the Department is already undertaking, or will  
15 undertake as part of the program” and all that  
16 follows and inserting “that the Department of  
17 Defense or another department or agency is al-  
18 ready undertaking, or will undertake as part of  
19 the security sector assistance provided to the  
20 foreign country concerned, a program of institu-  
21 tional capacity building with appropriate insti-  
22 tutions of such foreign country to enhance the  
23 capacity of such foreign country to organize,  
24 administer, employ, manage, maintain, sustain,

1 or oversee the national security forces of such  
2 foreign country.”; and

3 (B) by striking the second sentence.

4 **SEC. 1205. EXTENSION AND MODIFICATION OF AUTHORITY**  
5 **ON TRAINING FOR EASTERN EUROPEAN NA-**  
6 **TIONAL SECURITY FORCES IN THE COURSE**  
7 **OF MULTILATERAL EXERCISES.**

8 (a) TWO-YEAR EXTENSION.—Subsection (h) of sec-  
9 tion 1251 of the National Defense Authorization Act for  
10 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 1070;  
11 10 U.S.C. 2282 note), as amended by section 1233 of the  
12 National Defense Authorization Act for Fiscal Year 2017  
13 (Public Law 114–328; 130 Stat. 2489), is further amend-  
14 ed—

15 (1) by striking “September 30, 2018” and in-  
16 serting “December 31, 2020”; and

17 (2) by striking “fiscal years 2016 through  
18 2018” and inserting “for the period beginning on  
19 October 1, 2015, and ending on December 31,  
20 2020”.

21 (b) REGULATIONS FOR ADMINISTRATION OF INCRE-  
22 MENTAL EXPENSES.—Subsection (d) of such section, as  
23 so amended, is further amended by adding at the end the  
24 following:

25 “(4) REGULATIONS.—

1           “(A) IN GENERAL.—The Secretary of De-  
2           fense shall prescribe regulations for payment of  
3           incremental expenses under subsection (a). Not  
4           later than 120 days after the date of the enact-  
5           ment of this paragraph, the Secretary shall sub-  
6           mit the regulations to the Committee on Armed  
7           Services of the Senate and the Committee on  
8           Armed Services of the House of Representa-  
9           tives.

10           “(B) PROCEDURES TO BE INCLUDED.—  
11           The regulations required under subparagraph  
12           (A) shall include procedures—

13                   “(i) to require reimbursement of in-  
14                   cremental expenses from non-developing  
15                   countries determined pursuant to sub-  
16                   section (c) to be eligible for the provision  
17                   of training under subsection (a); and

18                   “(ii) to provide for a waiver of the re-  
19                   quirement of reimbursement of incremental  
20                   expenses under clause (i), on a case-by-  
21                   case basis, if the Secretary of Defense de-  
22                   termines special circumstances exist to  
23                   provide for the waiver.

24           “(C) QUARTERLY REPORT.—The Secretary  
25           of Defense shall submit to the congressional de-

1           fense committees and the Committee on For-  
2           foreign Relations of the Senate and the Committee  
3           on Foreign Affairs of the House of Representa-  
4           tives, on a quarterly basis, a report that in-  
5           cludes a description of each waiver of the re-  
6           quirement of reimbursement of incremental ex-  
7           penses under subparagraph (B)(i) that was in  
8           effect at any time during the preceding cal-  
9           endar quarter.

10           “(D) NON-DEVELOPING COUNTRY DE-  
11           FINED.—In this paragraph, the term ‘non-de-  
12           veloping country’ means a country that is not  
13           a developing country, as such term is defined in  
14           section 301(4) of title 10, United States  
15           Code.”.

16           (c) CONSTRUCTION OF AUTHORITY.—Subsection (f)  
17 of such section, as so amended, is further amended—

18           (1) by striking “subsection (a) is in addition”  
19           and inserting the following: “subsection (a)—

20           “(1) is in addition”;

21           (2) by striking the period at the end and insert-  
22           ing “; and”; and

23           (3) by adding at the end the following:

1           “(2) shall not be construed to include authority  
2           for the training of irregular forces, groups, or indi-  
3           viduals.”.

4           (d) **TECHNICAL AND CONFORMING AMENDMENTS.—**

5           Such section, as so amended, is further amended—

6           (1) by striking “military” each place it appears  
7           and inserting “security”;

8           (2) in subsection (e), by striking “that” and in-  
9           serting “than”;

10           (3) in subsection (f), by striking “section 2282”  
11           and inserting “chapter 16”; and

12           (4) in subsection (g), by striking “means” and  
13           all that follows and inserting “has the meaning given  
14           such term in section 301(5) of title 10, United  
15           States Code.”.

16           **SEC. 1206. GLOBAL SECURITY CONTINGENCY FUND.**

17           Section 1207 of the National Defense Authorization  
18           Act for Fiscal Year 2012 (22 U.S.C. 2151 note) is amend-  
19           ed—

20           (1) in subsection (i), by striking “September  
21           30, 2017” and inserting “September 30, 2019”; and

22           (2) in subsection (p)—

23           (A) by striking “September 30, 2017” and  
24           inserting “September 30, 2019”; and

1 (B) by striking “through 2017” and in-  
2 serting “through 2019”.

3 **SEC. 1207. DEFENSE INSTITUTE OF INTERNATIONAL LEGAL**  
4 **STUDIES.**

5 (a) IN GENERAL.—The Secretary of Defense may op-  
6 erate an institute to be known as the “Defense Institute  
7 of International Legal Studies” (in this section referred  
8 to as the “Institute”) in accordance with this section to  
9 further the United States security and foreign policy ob-  
10 jectives of—

11 (1) promoting an understanding of and appre-  
12 ciation for the rule of law; and

13 (2) encouraging the international development  
14 of internal capacities of foreign governments for ci-  
15 vilian control of the military, military justice, the  
16 legal aspects of peacekeeping, good governance and  
17 anti-corruption in defense reform, and human rights.

18 (b) ACTIVITIES.—In carrying out the purposes speci-  
19 fied in subsection (a), the Institute may conduct activities  
20 as follows:

21 (1) Exchange of ideas on best practices and les-  
22 sons learned in order to improve compliance with  
23 international legal norms.

24 (2) Education and training involving profes-  
25 sional legal engagement with foreign military per-

1       sonnel and related civilians, both within and outside  
2       the United States.

3           (3) Building the legal capacity of foreign mili-  
4       tary and other security forces, including equitable,  
5       transparent, and accountable defense institutions, ci-  
6       vilian control of the military, human rights, and  
7       democratic governance.

8           (4) Institutional legal capacity building of for-  
9       eign defense and security institutions.

10       (c) DEPARTMENT OF DEFENSE REVIEW.—

11           (1) IN GENERAL.—The Secretary shall conduct  
12       a comprehensive review of the mission, workforce,  
13       funding, and other support of the Institute.

14           (2) ELEMENTS.—The review shall include, but  
15       not be limited to, the following:

16           (A) An assessment of the scope of the mis-  
17       sion of the Institute, taking into account the in-  
18       creasing security cooperation authorities and re-  
19       quirements of the Department of Defense, in-  
20       cluding core rule of law training in the United  
21       States and abroad, defense legal institution  
22       building, and statutorily required human rights  
23       and legal capacity building of foreign security  
24       forces.

1           (B) An assessment of the workforce of the  
2           Institute, including whether it is appropriately  
3           sized to align with the full scope of the mission  
4           of the Institute.

5           (C) A review of the funding mechanisms  
6           for the activities of the Institute, including the  
7           current mechanisms for reimbursing the Insti-  
8           tute by the Department of State and by the De-  
9           partment of Defense through the budget of the  
10          Defense Security Cooperation Agency.

11          (D) An evaluation of the feasibility and ad-  
12          visability of the provision of funds appropriated  
13          for the Department of Defense directly to the  
14          Institute, and the actions, if any, required to  
15          authorize the Institute to receive such funds di-  
16          rectly.

17          (E) A description of the challenges, if any,  
18          faced by the Institute to increase its capacity to  
19          provide residence courses to meet demands for  
20          training and assistance.

21          (F) An assessment of the capacity of the  
22          Department of Defense to assess, monitor, and  
23          evaluate the effectiveness of the human rights  
24          training and other activities of the Institute.



1           (3) REPORT.—Not later than 180 days after  
2           the date of the enactment of this Act, the Secretary  
3           shall submit to the congressional defense committees  
4           a report summarizing the findings of the review and  
5           any recommendations for enhancing the capability of  
6           the Institute to fulfill its mission that the Secretary  
7           considers appropriate.

8           (d) COMPTROLLER GENERAL OF THE UNITED  
9 STATES REPORT.—

10           (1) IN GENERAL.—Not later than 270 days  
11           after the date of the enactment of this Act, the  
12           Comptroller General of the United States shall sub-  
13           mit to the appropriate committees of Congress a re-  
14           port that sets forth the following:

15                   (A) A description of the mechanisms and  
16                   authorities used by the Department of Defense  
17                   and the Department of State to conduct train-  
18                   ing of foreign security forces on human rights  
19                   and international humanitarian law.

20                   (B) A description of the funding used to  
21                   support the training described in subparagraph  
22                   (A).

23                   (C) A description and assessment of the  
24                   methodology used by each of the Department of

1 Defense and the Department of State to assess  
2 the effectiveness of such training.

3 (D) Such recommendations for improve-  
4 ments to such training as the Comptroller Gen-  
5 eral considers appropriate.

6 (E) Such other matters relating to such  
7 training as the Comptroller General considers  
8 appropriate.

9 (2) APPROPRIATE COMMITTEES OF CONGRESS  
10 DEFINED.—In this subsection, the term “appro-  
11 priate committees of Congress” means—

12 (A) the Committee on Armed Services, the  
13 Committee on Foreign Relations, and the Com-  
14 mittee on Appropriations of the Senate; and

15 (B) the Committee on Armed Services, the  
16 Committee on Foreign Affairs, and the Com-  
17 mittee on Appropriations of the House of Rep-  
18 resentatives.

19 **SEC. 1208. EXTENSION OF PARTICIPATION IN AND SUP-**  
20 **PORT OF THE INTER-AMERICAN DEFENSE**  
21 **COLLEGE.**

22 Subsection (c) of section 1243 of the National De-  
23 fense Authorization Act for Fiscal Year 2017 (Public Law  
24 114–328; 130 Stat. 2516; 10 U.S.C. 1050 note) is amend-  
25 ed—

1 (1) in the heading, by striking “FISCAL YEAR  
2 2017” and inserting “FISCAL YEARS 2017, 2018,  
3 AND 2019”; and

4 (2) by striking “fiscal year 2017” and inserting  
5 “fiscal years 2017, 2018, and 2019”.

6 **SEC. 1209. PLAN ON IMPROVEMENT OF ABILITY OF NA-**  
7 **TIONAL SECURITY FORCES OF FOREIGN**  
8 **COUNTRIES PARTICIPATING IN UNITED**  
9 **STATES CAPACITY BUILDING PROGRAMS TO**  
10 **PROTECT CIVILIANS.**

11 (a) REPORT ON PLAN.—Not later than 180 days  
12 after the date of the enactment of this Act, the Secretary  
13 of Defense and the Secretary of State shall jointly submit  
14 to the appropriate committees of Congress a report setting  
15 forth a plan, to be implemented as part of appropriate  
16 capacity building programs under section 333(c) of title  
17 10, United States Code, to improve the ability of national  
18 security forces of foreign countries to protect civilians.

19 (b) ELEMENTS.—The plan required by subsection (a)  
20 shall include the following:

21 (1) Efforts to develop and integrate principles  
22 and techniques on the protection of civilians in rel-  
23 evant partner force standard operating procedures.

1           (2) Efforts to build partner capacity to collect,  
2 track, and analyze civilian casualty data and apply  
3 lessons learned to future operations.

4           (3) Efforts to support enhanced investigatory  
5 and accountability standards in partner forces in  
6 order to ensure that such forces comply with the  
7 laws of armed conflict and observe appropriate  
8 standards for human rights and the protection of ci-  
9 vilians.

10          (4) Efforts to increase partner transparency,  
11 which may include the establishment of capabilities  
12 within partner militaries to improve communication  
13 with the public.

14          (5) The estimated resources required to imple-  
15 ment the efforts described in paragraphs (1)  
16 through (4).

17          (6) The appropriate roles of the Department of  
18 Defense and the Department of State in such ef-  
19 forts.

20          (7) Any other matters the Secretary of Defense  
21 and the Secretary of State consider appropriate.

22          (c) APPROPRIATE COMMITTEES OF CONGRESS DE-  
23 FINED.—In this section, the term “appropriate commit-  
24 tees of Congress” means—

1           (1) the Committee on Armed Services, the  
2           Committee on Foreign Relations, and the Committee  
3           on Appropriations of the Senate; and

4           (2) the Committee on Armed Services, the  
5           Committee on Foreign Affairs, and the Committee  
6           on Appropriations of the House of Representatives.

7           **Subtitle B—Matters Relating to**  
8           **Afghanistan and Pakistan**

9           **SEC. 1211. EXTENSION OF AUTHORITY TO TRANSFER DE-**  
10           **FENSE ARTICLES AND PROVIDE DEFENSE**  
11           **SERVICES TO THE MILITARY AND SECURITY**  
12           **FORCES OF AFGHANISTAN.**

13           (a) EXTENSION OF EXPIRATION.—Subsection (h) of  
14           section 1222 of the National Defense Authorization Act  
15           for Fiscal Year 2013 (Public Law 112–239; 126 Stat.  
16           1992), as most recently amended by section 1213 of the  
17           National Defense Authorization Act for Fiscal Year 2017  
18           (Public Law 114–328; 130 Stat. 2478), is further amend-  
19           ed by striking “December 31, 2017” and inserting “De-  
20           cember 31, 2018”.

21           (b) EXCESS DEFENSE ARTICLES.—Subsection (i)(2)  
22           of such section 1222, as so amended, is further amended  
23           by striking “December 31, 2017” each place it appears  
24           and inserting “December 31, 2018”.

1 **SEC. 1212. EXTENSION AND MODIFICATION OF AUTHORITY**  
2 **FOR REIMBURSEMENT OF CERTAIN COALI-**  
3 **TION NATIONS FOR SUPPORT PROVIDED TO**  
4 **UNITED STATES MILITARY OPERATIONS.**

5 (a) EXTENSION.—Subsection (a) of section 1233 of  
6 the National Defense Authorization Act for Fiscal Year  
7 2008 (Public Law 110–181; 122 Stat. 393), as most re-  
8 cently amended by section 1218 of the National Defense  
9 Authorization Act for Fiscal Year 2017 (Public Law 114–  
10 328; 130 Stat. 2482), is further amended by striking “the  
11 period beginning on October 1, 2016, and ending on De-  
12 cember 31, 2017,” and inserting “the period beginning on  
13 October 1, 2017, and ending on December 31, 2018,”.

14 (b) LIMITATIONS ON AMOUNTS AVAILABLE.—Sub-  
15 section (d)(1) of such section 1233, as so amended, is fur-  
16 ther amended—

17 (1) in the first sentence, by striking “during  
18 the period beginning on October 1, 2016, and ending  
19 on December 31, 2017, may not exceed  
20 \$1,100,000,000” and inserting “during the period  
21 beginning on October 1, 2017, and ending on De-  
22 cember 31, 2018, may not exceed \$900,000,000”;  
23 and

24 (2) in the second sentence, by striking “the pe-  
25 riod beginning on October 1, 2016 and ending on  
26 December 31, 2017, may not exceed \$900,000,000”

1 and inserting “during the period beginning on Octo-  
2 ber 1, 2017, and ending on December 31, 2018,  
3 may not exceed \$700,000,000”.

4 (c) EXTENSION OF REPORTING REQUIREMENT ON  
5 REIMBURSEMENT OF PAKISTAN FOR SECURITY EN-  
6 HANCEMENT ACTIVITIES.—Subsection (e)(2) of such sec-  
7 tion 1233, as added by section 1218 of the National De-  
8 fense Authorization Act for Fiscal Year 2017, is amended  
9 by inserting “and annually thereafter,” after “December  
10 31, 2017,”.

11 (d) EXTENSION OF NOTICE REQUIREMENT RELAT-  
12 ING TO REIMBURSEMENT OF PAKISTAN FOR SUPPORT  
13 PROVIDED BY PAKISTAN.—Section 1232(b)(6) of the Na-  
14 tional Defense Authorization Act for Fiscal Year 2008  
15 (122 Stat. 393), as most recently amended by section  
16 1218(e) of the National Defense Authorization Act for  
17 Fiscal Year 2017, is further amended by striking “Decem-  
18 ber 31, 2017” and inserting “December 31, 2018”.

19 (e) EXTENSION OF LIMITATION ON REIMBURSEMENT  
20 OF PAKISTAN PENDING CERTIFICATION ON PAKISTAN.—  
21 Section 1227(d)(1) of the National Defense Authorization  
22 Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat.  
23 2001), as most recently amended by section 1218(f) of  
24 the National Defense Authorization Act for Fiscal Year  
25 2017, is further amended by striking “for any period prior

1 to December 31, 2017” and inserting “for any period  
2 prior to December 31, 2018”.

3 (f) ADDITIONAL LIMITATION ON REIMBURSEMENT  
4 OF PAKISTAN PENDING CERTIFICATION ON PAKISTAN.—  
5 Of the total amount of reimbursements and support au-  
6 thorized for Pakistan during fiscal year 2018 pursuant to  
7 the second sentence of section 1233(d)(1) of the National  
8 Defense Authorization Act for Fiscal Year 2008 (as  
9 amended by subsection (b)(2)), \$350,000,000 shall not be  
10 eligible for the waiver under section 1227(d)(2) of the Na-  
11 tional Defense Authorization Act for Fiscal Year 2013  
12 (126 Stat. 2001) unless the Secretary of Defense certifies  
13 to the congressional defense committees that—

14 (1) Pakistan continues to conduct military oper-  
15 ations that are contributing to significantly dis-  
16 rupting the safe havens, fundraising and recruiting  
17 efforts, and freedom of movement of the Haqqani  
18 Network in Pakistan;

19 (2) Pakistan has taken steps to demonstrate its  
20 commitment to prevent the Haqqani Network from  
21 using any Pakistan territory as a safe haven and for  
22 fundraising and recruiting efforts;

23 (3) the Government of Pakistan is making an  
24 attempt to actively coordinate with the Government  
25 of Afghanistan to restrict the movement of militants,



1 such as the Haqqani Network, along the Afghani-  
2 stan-Pakistan border; and

3 (4) Pakistan has shown progress in arresting  
4 and prosecuting senior leaders and mid-level  
5 operatives of the Haqqani Network.

6 **SEC. 1213. SPECIAL IMMIGRANT VISAS FOR AFGHAN AL-**  
7 **LIES.**

8 Section 602(b)(3)(F) of the Afghan Allies Protection  
9 Act of 2009 (8 U.S.C. 1101 note) is amended in the mat-  
10 ter preceding clause (i) by striking “11,000” and inserting  
11 “14,500”.

12 **SEC. 1214. EXTENSION OF AUTHORITY TO ACQUIRE PROD-**  
13 **UCTS AND SERVICES PRODUCED IN COUN-**  
14 **TRIES ALONG A MAJOR ROUTE OF SUPPLY**  
15 **TO AFGHANISTAN.**

16 Section 801(f) of the National Defense Authorization  
17 Act for Fiscal Year 2010 (Public Law 111–84; 123 Stat.  
18 2399), as most recently amended by section 1212 of the  
19 National Defense Authorization Act for Fiscal Year 2017  
20 (Public Law 114–328; 130 Stat. 2478), is further amend-  
21 ed by striking “December 31, 2018” and inserting “De-  
22 cember 31, 2019”.

1 **SEC. 1215. EXTENSION OF SEMIANNUAL REPORT ON EN-**  
2 **HANCING SECURITY AND STABILITY IN AF-**  
3 **GHANISTAN.**

4 Section 1225(a)(2) of the Carl Levin and Howard P.  
5 “Buck” McKeon National Defense Authorization Act for  
6 Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3550),  
7 as amended by section 1215(a) of the National Defense  
8 Authorization Act for Fiscal Year 2017 (Public Law 114–  
9 328; 130 Stat. 2480), is further amended by striking “De-  
10 cember 15, 2019” and inserting “December 15, 2020”.

11 **SEC. 1216. HUMAN RIGHTS VETTING OF AFGHAN NATIONAL**  
12 **DEFENSE AND SECURITY FORCES.**

13 The Secretary of Defense may establish within the  
14 Department of Defense one or more permanent positions  
15 to oversee and support, in coordination with the Depart-  
16 ment of State, the implementation of section 362 of title  
17 10, United States Code, with respect to the Afghan Na-  
18 tional Defense and Security Forces.

19 **Subtitle C—Matters Relating to**  
20 **Syria, Iraq, and Iran**

21 **SEC. 1221. REPORT ON UNITED STATES STRATEGY IN**  
22 **SYRIA.**

23 (a) IN GENERAL.—Not later than February 1, 2018,  
24 the President shall submit to the appropriate congres-  
25 sional committees a report that describes the strategy of  
26 the United States in Syria.

1 (b) MATTERS TO BE INCLUDED.—The report re-  
2 quired by subsection (a) shall include each of the fol-  
3 lowing:

4 (1) A description of—

5 (A) the key United States security inter-  
6 ests and the political and military objectives,  
7 long-term goals, and end-states for Syria; and

8 (B) indicators for the effectiveness of ef-  
9 forts to achieve such objectives, goals, and end-  
10 states.

11 (2) A description of United States assumptions  
12 underlying current intelligence assessments, the  
13 roles and ambitions of other countries, and the in-  
14 terests of relevant Syrian groups with respect to  
15 such objectives.

16 (3) A description of how current military, diplo-  
17 matic, and humanitarian assistance efforts in Syria  
18 align with such objectives.

19 (4) The estimated annual resources required  
20 through fiscal year 2022 for the relevant depart-  
21 ments and agencies to achieve such objectives.

22 (5) An analysis of the threats posed to United  
23 States interests, including to United States military  
24 or civilian personnel in Syria or the surrounding re-  
25 gion, by Russian and Iranian activities in Syria, as

1 well as the threats posed to such interests or per-  
2 sonnel by the Islamic State of Iraq and Syria, Al  
3 Qaeda, Hezbollah, and other violent extremist orga-  
4 nizations in Syria.

5 (6) A description of United States objectives for  
6 a sustainable political settlement in Syria.

7 (7) A description of the coordination between  
8 the Department of Defense and the Department of  
9 State regarding the transition from military oper-  
10 ations to stabilization efforts in areas liberated from  
11 the control of the Islamic State of Iraq and Syria,  
12 including a description of how local governance and  
13 civil society will be restored in areas secured through  
14 coalition military operations in Syria.

15 (8) A description of the current and planned re-  
16 sponse of the United States to the humanitarian cri-  
17 sis in Syria as a result of attacks by the Syrian Gov-  
18 ernment on its people, including support for the  
19 needs of refugees and internally displaced popu-  
20 lations and for improving access to humanitarian  
21 aid, especially in areas where such aid has been  
22 blocked.

23 (9) A description of amounts and sources of Is-  
24 lamic State of Iraq and Syria financing in Syria and

1 efforts to disrupt this financing as part of the broad-  
2 er strategy of the United States in Syria.

3 (10) An assessment of the capabilities and will-  
4 ingness of the Syrian government and its allies to  
5 use chemical or other weapons of mass destruction  
6 against its citizens or against United States and as-  
7 sociated military forces in Syria.

8 (11) A description of the roles and responsibil-  
9 ities of United States allies and partners and other  
10 countries in the region in establishing regional sta-  
11 bility.

12 (12) A description of all mechanisms for coordi-  
13 nation and deconfliction between the United States  
14 and the governments of Russia and other state ac-  
15 tors in order to achieve the United States strategy  
16 in Syria.

17 (13) A description of the current legal authori-  
18 ties that support the strategy of the United States  
19 in Syria and any additional legal authorities that  
20 may be necessary to implement such strategy.

21 (14) A description of the military conditions  
22 that must be met for the Islamic State of Iraq and  
23 Syria to be considered defeated.

24 (15) Any other matters the President deter-  
25 mines to be relevant.

1 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
2 FINED.—In this section, the term “appropriate congres-  
3 sional committees” means—

4 (1) the congressional defense committees; and

5 (2) the Committee on Foreign Affairs of the  
6 House of Representatives and the Committee on  
7 Foreign Relations of the Senate.

8 **SEC. 1222. EXTENSION AND MODIFICATION OF AUTHORITY**  
9 **TO PROVIDE ASSISTANCE TO COUNTER THE**  
10 **ISLAMIC STATE OF IRAQ AND SYRIA.**

11 (a) AUTHORITY.—Subsection (a) of section 1236 of  
12 the Carl Levin and Howard P. “Buck” McKeon National  
13 Defense Authorization Act for Fiscal Year 2015 (Public  
14 Law 113–291; 128 Stat. 3559), as most recently amended  
15 by section 1222 of the National Defense Authorization Act  
16 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
17 2485), is further amended by striking “December 31,  
18 2018” and inserting “December 31, 2019”.

19 (b) QUARTERLY PROGRESS REPORT.—Subsection (d)  
20 of such section 1236, as most recently amended by section  
21 1222 of the National Defense Authorization Act for Fiscal  
22 Year 2016 (Public Law 114–92; 129 Stat. 1049), is fur-  
23 ther amended—

24 (1) in the first sentence of the matter preceding  
25 paragraph (1), by adding at the end before the pe-

1       riod the following: “, which shall be provided in un-  
2       classified form with a classified annex if necessary”;  
3       and

4             (2) by adding at the end the following:

5             “(12) An assessment of—

6                 “(A) security in liberated areas in Iraq;

7                 “(B) the extent to which security forces  
8       trained and equipped, directly or indirectly, by  
9       the United States are prepared to provide post-  
10      conflict stabilization and security in such liber-  
11      ated areas; and

12                 “(C) the effectiveness of security forces in  
13      the post-conflict environment and an identifica-  
14      tion of which such forces will provide post-con-  
15      flict stabilization and security in such liberated  
16      areas.”.

17       (c) CLARIFICATION OF CONSTRUCTION AUTHOR-  
18      ITY.—

19             (1) CLARIFICATION.—Subsection (a) of such  
20      section 1236 is further amended by striking “facility  
21      and infrastructure repair and renovation,” and in-  
22      serting “infrastructure repair and renovation, small-  
23      scale construction of temporary facilities necessary  
24      to meet urgent operational or force protection re-  
25      quirements with a cost less than \$4,000,000,”.

1           (2) ADDITIONAL LIMITATIONS AND REQUIRE-  
2           MENTS.—Such section 1236 is further amended by  
3           adding at the end the following new subsections:

4           “(m) LIMITATION ON AGGREGATE COST OF CON-  
5           STRUCTION, REPAIR, AND RENOVATION PROJECTS.—The  
6           aggregate amount of construction, repair, and renovation  
7           projects carried out under this section in any fiscal year  
8           may not exceed \$30,000,000.

9           “(n) APPROVAL AND NOTICE BEFORE CERTAIN CON-  
10          STRUCTION, REPAIR, AND RENOVATION PROJECTS.—

11           “(1) APPROVAL.—A construction, repair, or  
12          renovation project costing more than \$1,000,000  
13          may not be carried out under this section unless ap-  
14          proved in advance by the Commander of the United  
15          States Central Command.

16           “(2) NOTICE.—When a decision is made to  
17          carry out a construction, repair, or renovation  
18          project to which paragraph (1) applies, the Com-  
19          mander of the United States Central Command shall  
20          notify in writing the appropriate committees of Con-  
21          gress of that decision, including the justification for  
22          the project and the estimated cost of the project.  
23          The project may be carried out only after the end  
24          of the 21-day period beginning on the date the noti-  
25          fication is received by the committees or, if earlier,



1 the end of the 14-day period beginning on the date  
2 on which a copy of the notification is provided in an  
3 electronic medium pursuant to section 480 of title  
4 10, United States Code.”.

5 (3) ELEMENT IN QUARTERLY REPORTS ON  
6 CONSTRUCTION, REPAIR, AND RENOVATION.—Para-  
7 graph (8) of subsection (d) of such section 1236 is  
8 amended to read as follows:

9 “(8) A list of new projects for construction, re-  
10 pair, or renovation commenced during the period  
11 covered by such progress report, and a list of  
12 projects for construction, repair, or renovation con-  
13 tinuing from the period covered by the preceding  
14 progress report.”.

15 (d) FUNDING.—Subsection (g) of such section 1236,  
16 as most recently amended by section 1222 of the National  
17 Defense Authorization Act for Fiscal Year 2017, is further  
18 amended—

19 (1) by striking “in the National Defense Au-  
20 thorization Act for Fiscal Year 2017 for Overseas  
21 Contingency Operations in title XV for fiscal year  
22 2017” and inserting “for the Department of Defense  
23 for Overseas Contingency Operations for fiscal year  
24 2018”; and

1           (2) by striking “\$630,000,000” and inserting  
2           “\$1,269,000,000”.

3           (e) NAME OF ISLAMIC STATE OR IRAQ AND SYRIA.—

4           (1) IN GENERAL.—Such section 1236 is further  
5           amended—

6           (A) in subsection (a)(1)—

7                 (i) by striking “the Levant” and in-  
8                 serting “Syria”; and

9                 (ii) by striking “ISIL” each place it  
10                appears and inserting “ISIS”; and

11           (B) in subsection (l)—

12                 (i) in paragraph (1)(B)(i), by striking  
13                 “the Levant (ISIL)” and inserting “Syria  
14                 (ISIS)”; and

15                 (ii) in paragraph (2)(A), by striking  
16                 “ISIL” and inserting “ISIS”.

17           (2) HEADING AMENDMENT.—The heading of  
18           such section 1236 is amended to read as follows:

1 **“SEC. 1236. AUTHORITY TO PROVIDE ASSISTANCE TO**  
2 **COUNTER THE ISLAMIC STATE OF IRAQ AND**  
3 **SYRIA.”.**

4 **SEC. 1223. MODIFICATION OF AUTHORITY TO PROVIDE AS-**  
5 **SISTANCE TO THE VETTED SYRIAN OPPOSI-**  
6 **TION.**

7 (a) NATURE OF ASSISTANCE.—Subsection (a) of sec-  
8 tion 1209 of the Carl Levin and Howard P. “Buck”  
9 McKeon National Defense Authorization Act for Fiscal  
10 Year 2015 (Public Law 113–291; 128 Stat. 3541), as  
11 amended by section 1221(a) of the National Defense Au-  
12 thorization Act for Fiscal Year 2017 (Public Law 114–  
13 328; 130 Stat. 2485), is further amended in the matter  
14 preceding paragraph (1) by striking “construction of  
15 training and associated facilities” and inserting “construc-  
16 tion and repair of training and associated facilities or  
17 other facilities necessary to meet urgent military oper-  
18 ational requirements of a temporary nature with a cost  
19 less than \$4,000,000”.

20 (b) SCOPE OF ELEMENT ON CONSTRUCTION  
21 PROJECTS IN QUARTERLY PROGRESS REPORTS.—Sub-  
22 section (d)(9) of such section 1209 is amended by insert-  
23 ing before the semicolon the following: “, including new  
24 construction or repair commenced during the period cov-  
25 ered by such progress report and construction and repair

1 continuing from the period covered by the preceding  
2 progress report”.

3 (c) INFORMATION ACCOMPANYING REPROGRAMMING  
4 REQUESTS.—Subsection (f)(2) of such section 1209, as  
5 amended by section 1221(b) of the National Defense Au-  
6 thorization Act for Fiscal Year 2017, is further amended  
7 by adding at the end the following new subparagraph:

8 “(C) A description of any material use of  
9 assistance provided under subsection (a) by an  
10 appropriately vetted recipient of such assistance  
11 for a purpose other than the purposes specified  
12 in subsection (a) that occurred since the most  
13 recent reprogramming or transfer request of  
14 the Secretary pursuant to this subsection,  
15 which description shall set forth, for each such  
16 material misuse, the following:

17 “(i) The details of such material mis-  
18 use.

19 “(ii) The recipient or recipients re-  
20 sponsible for such material misuse.

21 “(iii) The consequences of such mate-  
22 rial misuse.

23 “(iv) The actions taken by the Sec-  
24 retary to remediate the causes and effects  
25 of such material misuse.”.

1 (d) LIMITATION ON AGGREGATE COST OF CON-  
2 STRUCTION AND REPAIR PROJECTS.—Such section 1209  
3 is further amended by adding at the end the following new  
4 subsection:

5 “(l) LIMITATION ON AGGREGATE COST OF CON-  
6 STRUCTION AND REPAIR PROJECTS.—The aggregate  
7 amount of construction and repair projects carried out  
8 under this section in any fiscal year may not exceed  
9 \$10,000,000.”.

10 (e) APPROVAL AND NOTICE BEFORE CERTAIN CON-  
11 STRUCTION AND REPAIR PROJECTS.—Such section 1209  
12 is further amended by adding at the end the following new  
13 subsection:

14 “(m) APPROVAL AND NOTICE BEFORE CERTAIN  
15 CONSTRUCTION AND REPAIR PROJECTS.—

16 “(1) APPROVAL.—A construction or repair  
17 project costing more than \$1,000,000 may not be  
18 carried out under this section unless approved in ad-  
19 vance by the Commander of the United States Cen-  
20 tral Command.

21 “(2) NOTICE.—When a decision is made to  
22 carry out a construction or repair project to which  
23 paragraph (1) applies, the Commander of the United  
24 States Central Command shall notify in writing the  
25 appropriate committees of Congress of that decision,

1 including the justification for the project and the es-  
2 timated cost of the project. The project may be car-  
3 ried out only after the end of the 21-day period be-  
4 ginning on the date the notification is received by  
5 the committees or, if earlier, the end of the 14-day  
6 period beginning on the date on which a copy of the  
7 notification is provided in an electronic medium pur-  
8 suant to section 480 of title 10, United States  
9 Code.”.

10 **SEC. 1224. EXTENSION AND MODIFICATION OF AUTHORITY**  
11 **TO SUPPORT OPERATIONS AND ACTIVITIES**  
12 **OF THE OFFICE OF SECURITY COOPERATION**  
13 **IN IRAQ.**

14 (a) **EXTENSION OF AUTHORITY.**—Subsection (f)(1)  
15 of section 1215 of the National Defense Authorization Act  
16 for Fiscal Year 2012 (10 U.S.C. 113 note) is amended  
17 by striking “fiscal year 2017” and inserting “fiscal year  
18 2018”.

19 (b) **AMOUNT AVAILABLE.**—

20 (1) **IN GENERAL.**—Such section is further  
21 amended—

22 (A) in subsection (c), by striking “fiscal  
23 year 2017 may not exceed \$70,000,000” and  
24 inserting “fiscal year 2018 may not exceed  
25 \$42,000,000”; and

1 (B) in subsection (d), by striking “fiscal  
2 year 2017” and inserting “fiscal year 2018”.

3 (2) LIMITATION OF USE OF FY18 FUNDS PEND-  
4 ING PLAN.—Of the amount available for fiscal year  
5 2018 for section 1215 of the National Defense Au-  
6 thorization Act for Fiscal Year 2012, as amended by  
7 this section, not more than 50 percent may be obli-  
8 gated or expended until 30 days after the date on  
9 which the plan required by the joint explanatory  
10 statement to accompany the conference report on  
11 S.2943 of the 114th Congress, the National Defense  
12 Authorization Act for Fiscal Year 2017, and entitled  
13 “To transition the activities conducted by OSC-I but  
14 funded by the Department of Defense to another en-  
15 tity or transition the funding of such activities to  
16 another source” is provided to the appropriate com-  
17 mittees of Congress.

18 (c) CLARIFICATION OF OSC-I MANDATE AND EXPAN-  
19 SION OF ELIGIBLE RECIPIENTS.—Subsection (f) of such  
20 section 1215 is further amended—

21 (1) in paragraph (1), by striking “training ac-  
22 tivities in support of Iraqi Ministry of Defense and  
23 Counter Terrorism Service personnel” and all that  
24 follows and inserting “activities to support the fol-  
25 lowing:

1           “(A) Defense institution building to miti-  
2           gate capability gaps and promote effective and  
3           sustainable defense institutions.

4           “(B) Professionalization, strategic plan-  
5           ning and reform, financial management, man-  
6           power management, and logistics management  
7           of military and other security forces with a na-  
8           tional security mission.”; and

9           (2) in paragraph (2)—

10           (A) in the heading, by striking “OF TRAIN-  
11           ING”; and

12           (B) by striking “training” and inserting  
13           “activities of the Office of Security Cooperation  
14           in Iraq”.

15   **SEC. 1225. MODIFICATION AND ADDITIONAL ELEMENTS IN**  
16                           **ANNUAL REPORT ON THE MILITARY POWER**  
17                           **OF IRAN.**

18           (a) IN GENERAL.—Section 1245(b) of the National  
19   Defense Authorization Act for Fiscal Year 2010 (10  
20   U.S.C. 113 note) is amended—

21           (1) in paragraph (5)—

22           (A) by inserting “and from” after “trans-  
23           fers to”;



1 (B) by striking “from non-Iranian  
2 sources” and inserting “from or to non-Iranian  
3 sources or destinations”; and

4 (C) by inserting before the period at the  
5 end the following: “, including transfers that  
6 pertain to nuclear development, ballistic mis-  
7 siles, and chemical, biological, and advanced  
8 conventional weapons, weapon systems, and de-  
9 livery vehicles”; and

10 (2) by adding at the end the following new  
11 paragraphs:

12 “(6) An assessment of the use of civilian trans-  
13 portation assets and infrastructure, including com-  
14 mercial aircraft, airports, commercial vessels, and  
15 seaports, used to transport illicit military cargo to or  
16 from Iran, including military personnel, military  
17 goods, weapons, military-related electric parts, and  
18 related components.

19 “(7) An assessment of military-to-military co-  
20 operation between Iran and foreign countries, includ-  
21 ing Cuba, North Korea, Pakistan, Sudan, Syria,  
22 Venezuela, and any other country designated by the  
23 Secretary of Defense with additional reference to co-  
24 operation and collaboration on the development of  
25 nuclear, biological, chemical, and advanced conven-

1 tional weapons, weapon systems, and delivery vehi-  
2 cles.

3 “(8) An assessment of the extent to which the  
4 commercial aviation sector of Iran knowingly pro-  
5 vides financial, material, or technological support to  
6 the Islamic Revolutionary Guard Corps, the Ministry  
7 of Defense and Armed Forces Logistics of Iran, the  
8 Bashar al-Assad regime, Hezbollah, Hamas, Kata’ib  
9 Hezbollah, or any other foreign terrorist organiza-  
10 tion.”.

11 (b) **EFFECTIVE DATE.**—The amendments made by  
12 this section shall take effect on the date of the enactment  
13 of this Act, and shall apply with respect to reports re-  
14 quired to be submitted under section 1245 of the National  
15 Defense Authorization Act for Fiscal Year 2010 after that  
16 date.

17 **SEC. 1226. EXTENSION OF QUARTERLY REPORTS ON CON-**  
18 **FIRMED BALLISTIC MISSILE LAUNCHES**  
19 **FROM IRAN AND IMPOSITION OF SANCTIONS**  
20 **IN CONNECTION WITH THOSE LAUNCHES.**

21 Section 1226(e) of the National Defense Authoriza-  
22 tion Act for Fiscal Year 2017 (Public Law 114–328; 130  
23 Stat. 2487) is amended by striking “December 31, 2019”  
24 and inserting “December 31, 2022”.

1 **SEC. 1227. LIMITATION ON USE OF FUNDS FOR PROVISION**  
2 **OF MAN-PORTABLE AIR DEFENSE SYSTEMS**  
3 **TO THE VETTED SYRIAN OPPOSITION.**

4 (a) **LIMITATION.**—If a determination is made during  
5 fiscal year 2018 to use funds available to the Department  
6 of Defense for that fiscal year to provide man-portable air  
7 defense systems (MANPADs) to the vetted Syrian opposi-  
8 tion pursuant to the authority in section 1209 of the Carl  
9 Levin and Howard P. “Buck” McKeon National Defense  
10 Authorization Act for Fiscal Year 2015 (Public Law 113–  
11 291; 128 Stat. 3541), such funds may not be used for  
12 that purpose until—

13 (1) the Secretary of Defense and the Secretary  
14 of State jointly submit to the appropriate congress-  
15 sional committees a report on the determination;  
16 and

17 (2) 30 days elapse after the date of the sub-  
18 mittal of such report to the appropriate congress-  
19 sional committees.

20 (b) **REPORT REQUIREMENTS.**—The report under  
21 subsection (a) shall set forth the following:

22 (1) A description of each element of the vetted  
23 Syrian opposition that will provided man-portable air  
24 defense systems as described in subsection (a), in-  
25 cluding—

1 (A) the geographic location of such ele-  
2 ment;

3 (B) a detailed intelligence assessment of  
4 such element;

5 (C) a description of the alignment of such  
6 element within the broader conflict in Syria;  
7 and

8 (D) a description and assessment of the  
9 assurance, if any, received by the commander of  
10 such element in connection with the provision of  
11 man-portable air defense systems.

12 (2) The number and type of man-portable air  
13 defense systems to be so provided.

14 (3) The logistics plan for providing and resup-  
15 plying each element to be so provided man-portable  
16 air defense systems with additional man-portable air  
17 defense systems.

18 (4) The duration of support to be provided in  
19 connection with the provision of man-portable air de-  
20 fense systems.

21 (5) The justification for the provision of man-  
22 portable air defense systems to each element of the  
23 vetted Syrian opposition, including an explanation of  
24 the purpose and expected employment of such sys-  
25 tems.

1           (6) Any other matters that the Secretary of De-  
2           fense and the Secretary of State jointly consider ap-  
3           propriate.

4           (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
5           FINED.—In this section, the term “appropriate congres-  
6           sional committees” has the meaning given that term in  
7           section 1209(e)(2) of the Carl Levin and Howard P.  
8           “Buck” McKeon National Defense Authorization Act for  
9           Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3541).

10   **SEC. 1228. REPORT ON AGREEMENT WITH THE GOVERN-**  
11                           **MENT OF THE RUSSIAN FEDERATION ON THE**  
12                           **STATUS OF SYRIA.**

13           (a) IN GENERAL.—Not later than 5 calendar days  
14           after reaching any agreement with the Government of the  
15           Russian Federation relating to a political settlement or  
16           long-term territorial control in Syria, the President shall  
17           transmit to Congress a report on the agreement.

18           (b) MATTERS TO BE INCLUDED.—The report re-  
19           quired by subsection (a) shall include—

20                   (1) the text of the agreement, including all re-  
21                   lated materials and annexes;

22                   (2) a list of all parties to the agreement;

23                   (3) an explanation of each of the terms estab-  
24                   lished by the agreement;

1 (4) a description of each of the obligations es-  
2 tablished by the agreement; and

3 (5) a description of any territorial demarca-  
4 tions, apportionments, or areas of control con-  
5 templated by the agreement.

6 **Subtitle D—Matters Relating to the**  
7 **Russian Federation**

8 **SEC. 1231. EXTENSION OF LIMITATION ON MILITARY CO-**  
9 **OPERATION BETWEEN THE UNITED STATES**  
10 **AND THE RUSSIAN FEDERATION.**

11 Section 1232 of the National Defense Authorization  
12 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
13 2488) is amended—

14 (1) in subsection (a)—

15 (A) by inserting “or 2018” after “fiscal  
16 year 2017”; and

17 (B) by inserting “in the fiscal year con-  
18 cerned” after “may be used”; and

19 (2) in subsection (c), by inserting “with respect  
20 to funds for a fiscal year” after “the limitation in  
21 subsection (a)”.

1 **SEC. 1232. PROHIBITION ON AVAILABILITY OF FUNDS RE-**  
2 **LATING TO SOVEREIGNTY OF THE RUSSIAN**  
3 **FEDERATION OVER CRIMEA.**

4 (a) PROHIBITION.—None of the funds authorized to  
5 be appropriated by this Act or otherwise made available  
6 for fiscal year 2018 for the Department of Defense may  
7 be obligated or expended to implement any activity that  
8 recognizes the sovereignty of the Russian Federation over  
9 Crimea.

10 (b) WAIVER.—The Secretary of Defense, with the  
11 concurrence of the Secretary of State, may waive the re-  
12 striction on the obligation or expenditure of funds required  
13 by subsection (a) if the Secretary—

14 (1) determines that to do so is in the national  
15 security interest of the United States; and

16 (2) submits a notification of the waiver, at the  
17 time the waiver is invoked, to the Committee on  
18 Armed Services and the Committee on Foreign Af-  
19 fairs of the House of Representatives and the Com-  
20 mittee on Armed Services and the Committee on  
21 Foreign Relations of the Senate.

22 **SEC. 1233. SENSE OF CONGRESS ON EUROPEAN SECURITY.**

23 (a) FINDINGS.—Congress finds the following:

24 (1) Russia's ongoing aggressive actions, includ-  
25 ing its invasions of Georgia in 2008 and Ukraine in  
26 2014, threats to North Atlantic Treaty Organization

1 (NATO) allies, rapid military modernization, ad-  
2 vanced anti-access and area denial capabilities, in-  
3 creasing military activity in the Arctic region and  
4 Mediterranean Sea, evolving nuclear doctrine and  
5 capabilities, and violations of the Intermediate-  
6 Range Nuclear Forces Treaty Between the United  
7 States of America and the Union of Soviet Socialist  
8 Republics and the Treaty on Open Skies, constitute  
9 a major challenge to the security interests of the  
10 United States and its allies and partners in Europe.

11 (2) Russia’s ongoing malign influence activities,  
12 including misinformation, disinformation, propa-  
13 ganda, cyberattacks, election interference, active  
14 measures, and hybrid warfare operations pose not  
15 only a threat to the security interests of the United  
16 States and its allies and partners in Europe, but to  
17 the integrity of Western democracies and the institu-  
18 tions and alliances they support.

19 (3) Russia’s doctrine of “escalate to de-escala-  
20 te”, along with its tactical nuclear capabilities,  
21 threaten United States forces and European allies  
22 and exacerbate the risk of miscalculation and esca-  
23 lation in a crisis.



1           (4) The European Deterrence Initiative (EDI)  
2 continues to improve credible deterrence against  
3 Russian aggression by—

4           (A) training and equipping military forces  
5 of NATO allies and European partners;

6           (B) enhancing the indications and warn-  
7 ing, interoperability, and logistics capabilities of  
8 United States allies and partners; and

9           (C) improving the agility and flexibility of  
10 partners and allies to address threats across the  
11 full spectrum of domains.

12          (5) A strong NATO alliance is the cornerstone  
13 of transatlantic security cooperation and the guar-  
14 antor of peace and stability in Europe.

15          (6) The steps taken at the NATO 2014 Wales  
16 Summit and the NATO 2016 Warsaw Summit, in-  
17 cluding the adoption and implementation of the  
18 Readiness Action Plan (RAP), the formation of the  
19 Very High Joint Readiness Force (VJTF), the En-  
20 hanced Forward Presence (EFP) multinational bat-  
21 talions deployed to Estonia, Latvia, Lithuania, and  
22 Poland, and the Tailored Forward Presence in Ro-  
23 mania and Bulgaria, have strengthened NATO read-  
24 iness and collective defense.

1           (7) Montenegro’s accession into NATO is a  
2           strong step toward strengthening the alliance, en-  
3           hancing security and stability in Southeastern Eu-  
4           rope, and reaffirming NATO’s commitment to an  
5           “Open Door” policy.

6           (8) Cooperation with non-NATO allies and  
7           members of the Partnership for Peace program en-  
8           hances security and stability in Europe.

9           (b) SENSE OF CONGRESS.—It is the sense of Con-  
10          gress that—

11           (1) the United States should support a Europe  
12          whole, free, and at peace and the sovereign right of  
13          all European states to pursue integration into the  
14          Euro-Atlantic community through institutions such  
15          as NATO and the European Union;

16           (2) the United States should develop and imple-  
17          ment a policy and strategy backed by all elements of  
18          United States power to deter and, if necessary, de-  
19          feat Russian aggression, which will require—

20           (A) enhancing United States military capa-  
21          bility and capacity in Europe, including strong  
22          consideration of investments in increased per-  
23          manently-stationed and continued rotational  
24          forces as well as the facilities and infrastructure

1           necessary to support United States presence  
2           and training with its allies and partners; and

3           (B) strengthening United States capability  
4           and capacity to counter malign Russian influ-  
5           ence, including Russian hybrid warfare oper-  
6           ations short of traditional armed conflict, mali-  
7           cious Russian cyber activities, and Russia's use  
8           of misinformation, disinformation, and propa-  
9           ganda;

10          (3) investments that support the security and  
11          stability of Europe, including the EDI, and support  
12          to European countries in further developing their se-  
13          curity capabilities, are in the long-term national se-  
14          curity interests of the United States, and as such,  
15          funds for such efforts should be included in the  
16          President's base budget request for the Department  
17          of Defense in order to fully support United States  
18          combat capability in Europe, facilitate efficient plan-  
19          ning and execution, and ensure budgetary trans-  
20          parency;

21          (4) the United States should maintain an iron-  
22          clad commitment to its obligations under Article 5  
23          of the North Atlantic Treaty, which declares that an  
24          “armed attack against one or more [NATO allies]  
25          shall be considered an attack against them all”;

1 (5) while NATO allies have made progress to-  
2 ward high levels of defense spending, it is important  
3 that all NATO allies fulfill their commitments to lev-  
4 els and composition of defense expenditures as  
5 agreed upon at the NATO 2014 Wales Summit and  
6 NATO 2016 Warsaw Summit in order to uphold  
7 their obligations under Article 3 of the North Atlan-  
8 tic Treaty to “maintain and develop their individual  
9 and collective capacity to resist armed attack”;

10 (6) NATO allies should continue to coordinate  
11 defense investments to both improve deterrence  
12 against Russian aggression and more appropriately  
13 balance defense spending across the alliance; and

14 (7) because the NATO alliance defends not only  
15 the common security of the United States and its  
16 NATO allies, but our common values as well, it is  
17 essential that all NATO allies uphold their obliga-  
18 tions under the North Atlantic Treaty to “safeguard  
19 the freedom, common heritage and civilization of  
20 their peoples, founded on the principles of democ-  
21 racy, individual liberty and the rule of law”.

22 **SEC. 1234. MODIFICATION AND EXTENSION OF UKRAINE SE-**  
23 **CURITY ASSISTANCE INITIATIVE.**

24 Section 1250 of the National Defense Authorization  
25 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.

1 1068), as amended by section 1237 of the National De-  
2 fense Authorization Act for Fiscal Year 2017 (Public Law  
3 114–328; 130 Stat. 2494), is further amended—

4 (1) in subsection (b), adding at the end the fol-  
5 lowing new paragraphs:

6 “(12) Treatment of wounded Ukrainian soldiers  
7 in the United States in medical treatment facilities  
8 through the Secretarial Designee Program, including  
9 transportation, lodging, meals, and other appro-  
10 priate non-medical support in connection with such  
11 treatment, and education and training for Ukrainian  
12 healthcare specialists such that they can provide  
13 continuing care and rehabilitation services for  
14 wounded Ukrainian soldiers.

15 “(13) Air defense and coastal defense radars.

16 “(14) Naval mine and counter-mine capabilities.

17 “(15) Littoral-zone and coastal defense ves-  
18 sels.”;

19 (2) in subsection (c)—

20 (A) in paragraph (1), by striking  
21 “\$175,000,000 of the funds available for fiscal  
22 year 2017 pursuant to subsection (f)(2)” and  
23 inserting “50 percent of the funds available for  
24 fiscal year 2018 pursuant to subsection (f)(3)”;

25 (B) in paragraph (2)—

1 (i) in the first sentence, by striking “,  
2 and potential opportunities for privatiza-  
3 tion” and inserting “, sustainment, and in-  
4 ventory management”; and

5 (ii) in the second sentence, by insert-  
6 ing after “additional action is needed” the  
7 following: “and a description of the meth-  
8 odology used to evaluate whether Ukraine  
9 has made progress in defense institutional  
10 reforms relative to previously established  
11 goals and objectives”; and

12 (C) in paragraph (3)—

13 (i) by striking “fiscal year 2017” and  
14 inserting “fiscal year 2018”; and

15 (ii) by striking “, with not more than  
16 \$100,000,000 available for the purposes as  
17 follows for any particular country”;

18 (3) in subsection (f), by adding at the end the  
19 following:

20 “(3) For fiscal year 2018, \$350,000,000.”; and

21 (4) in subsection (h), by striking “December  
22 31, 2018” and inserting “December 31, 2020”.

1 **SEC. 1235. LIMITATION ON AVAILABILITY OF FUNDS RELAT-**  
2 **ING TO IMPLEMENTATION OF THE OPEN**  
3 **SKIES TREATY.**

4 (a) LIMITATION ON CONDUCT OF FLIGHTS.—

5 (1) IN GENERAL.—None of the funds author-  
6 ized to be appropriated by this Act or otherwise  
7 made available for any fiscal year after fiscal year  
8 2017 for the Department of Defense for operation  
9 and maintenance, Defense-wide, or operation and  
10 maintenance, Air Force, may be obligated or ex-  
11 pended to conduct any flight during such fiscal year  
12 for purposes of implementing the Open Skies Treaty  
13 until the date that is seven days after the date on  
14 which the President submits to the appropriate con-  
15 gressional committees a plan described in paragraph  
16 (2) with respect to such fiscal year.

17 (2) PLAN DESCRIBED.—The plan described in  
18 this paragraph is a plan developed by the Secretary  
19 of Defense, in coordination with the Secretary of  
20 State, the Chairman of the Joint Chiefs of Staff,  
21 and the Director of National Intelligence, that con-  
22 tains a description of the objectives for all planned  
23 flights described in paragraph (1) during such fiscal  
24 year.

25 (3) UPDATE.—To the extent necessary and ap-  
26 propriate, the Secretary of Defense, in coordination

1 with the Secretary of State, the Chairman of the  
2 Joint Chiefs of Staff, and the Director of National  
3 Intelligence, may update the plan described in para-  
4 graph (2) with respect to a fiscal year and submit  
5 the updated plan to the appropriate congressional  
6 committees.

7 (4) APPROPRIATE CONGRESSIONAL COMMIT-  
8 TEES DEFINED.—In this subsection, the term “ap-  
9 propriate congressional committees” means—

10 (A) the congressional defense committees;

11 and

12 (B) the Select Committee on Intelligence  
13 and Committee on Foreign Relations of the  
14 Senate and the Permanent Select Committee on  
15 Intelligence and the Committee on Foreign Af-  
16 fairs of the House of Representatives.

17 (5) SUNSET.—The requirements of this sub-  
18 section shall terminate on the date that is five years  
19 after the date of the enactment of this Act.

20 (b) PROHIBITION ON ACTIVITIES TO MODIFY  
21 UNITED STATES AIRCRAFT.—

22 (1) IN GENERAL.—None of the funds author-  
23 ized to be appropriated by this Act or otherwise  
24 made available for fiscal year 2018 for research, de-  
25 velopment, test, and evaluation, Air Force, for arms



1 control implementation (PE 0305145F) or procure-  
2 ment, Air Force, for digital visual imaging system  
3 (BA-05, Line Item #1900) may be obligated or ex-  
4 pended to carry out any activities to modify any  
5 United States aircraft for purposes of implementing  
6 the Open Skies Treaty until the Secretary of De-  
7 fense submits to the appropriate congressional com-  
8 mittees the certification described in paragraph (2)  
9 and the President submits to the appropriate con-  
10 gressional committees the certification described in  
11 paragraph (3).

12 (2) CERTIFICATION BY SECRETARY OF DE-  
13 FENSE.—The certification described in this para-  
14 graph is a certification that contains a determination  
15 of the Secretary of Defense, without delegation, that  
16 modification of digital visual imaging systems in  
17 United States OC-135 aircraft under the Open  
18 Skies Treaty will provide superior digital imagery as  
19 compared to digital imagery that is available to the  
20 Department of Defense on a commercial basis.

21 (3) CERTIFICATION BY PRESIDENT.—

22 (A) IN GENERAL.—The certification de-  
23 scribed in this paragraph is a certification of  
24 the President that—

1 (i) the President has imposed treaty  
2 violations responses and legal counter-  
3 measures on the Russian Federation for its  
4 violations of the Open Skies Treaty; and

5 (ii) the President has fully informed  
6 the appropriate congressional committees  
7 of such responses and countermeasures.

8 (B) DELEGATION.—The President may  
9 delegate the responsibility for making a certifi-  
10 cation under subparagraph (A) to the Secretary  
11 of the State.

12 (4) APPROPRIATE CONGRESSIONAL COMMIT-  
13 TEES DEFINED.—In this subsection, the term “ap-  
14 propriate congressional committees” means—

15 (A) the congressional defense committees;  
16 and

17 (B) the Committee on Foreign Relations of  
18 the Senate and the Committee on Foreign Af-  
19 fairs of the House of Representatives.

20 (c) OPEN SKIES TREATY DEFINED.—In this section,  
21 the term “Open Skies Treaty” means the Treaty on Open  
22 Skies, done at Helsinki March 24, 1992, and entered into  
23 force January 1, 2002.

1 **SEC. 1236. SENSE OF CONGRESS ON IMPORTANCE OF NU-**  
2 **CLEAR CAPABILITIES OF NATO.**

3 (a) FINDINGS.—Congress finds the following:

4 (1) The Warsaw Summit Communique, issued  
5 on July 9, 2016, by the North Atlantic Treaty Orga-  
6 nization (in this section referred to as “NATO”)  
7 clearly defines the need for, and the importance of,  
8 the nuclear mission of NATO.

9 (2) The Warsaw Summit Communique states—

10 (A) with respect to the nuclear deterrence  
11 capability of NATO, “As a means to prevent  
12 conflict and war, credible deterrence and  
13 defence is essential. Therefore, deterrence and  
14 defence, based on an appropriate mix of nu-  
15 clear, conventional, and missile defence capabili-  
16 ties, remains a core element of our overall strat-  
17 egy. . . The fundamental purpose of NATO’s  
18 nuclear capability is to preserve peace, prevent  
19 coercion, and deter aggression. Nuclear weap-  
20 ons are unique. Any employment of nuclear  
21 weapons against NATO would fundamentally  
22 alter the nature of a conflict. The cir-  
23 cumstances in which NATO might have to use  
24 nuclear weapons are extremely remote”;

25 (B) with respect to the nature of the nu-  
26 clear deterrence posture of NATO, “NATO

1 must continue to adapt its strategy in line with  
2 trends in the security environment—including  
3 with respect to capabilities and other measures  
4 required—to ensure that NATO’s overall deter-  
5 rence and defence posture is capable of address-  
6 ing potential adversaries’ doctrine and capabili-  
7 ties, and that it remains credible, flexible, resil-  
8 ient, and adaptable.”; and

9 (C) with respect to the importance of con-  
10 tributions to the nuclear deterrence mission  
11 from across the NATO alliance, “The strategic  
12 forces of the Alliance, particularly those of the  
13 United States, are the supreme guarantee of  
14 the security of the Allies. The independent stra-  
15 tegic nuclear forces of the United Kingdom and  
16 France have a deterrent role of their own and  
17 contribute to the overall security of the Alli-  
18 ance. These Allies’ separate centres of decision-  
19 making contribute to deterrence by compli-  
20 cating the calculations of potential adversaries.  
21 NATO’s nuclear deterrence posture also relies,  
22 in part, on United States’ nuclear weapons for-  
23 ward-deployed in Europe and on capabilities  
24 and infrastructure provided by Allies concerned.  
25 These Allies will ensure that all components of

1 NATO's nuclear deterrent remain safe, secure,  
2 and effective. That requires sustained leader-  
3 ship focus and institutional excellence for the  
4 nuclear deterrence mission and planning guid-  
5 ance aligned with 21st century requirements.  
6 The Alliance will ensure the broadest possible  
7 participation of Allies concerned in their agreed  
8 nuclear burden-sharing arrangements.”.

9 (3) Secretary of Defense James Mattis, in re-  
10 sponse to the advance policy questions for his Senate  
11 confirmation hearing on January 12, 2017, stated  
12 that—

13 (A) “NATO's nuclear deterrence posture  
14 relies in part on U.S. nuclear weapons forward-  
15 deployed in Europe and on capabilities and in-  
16 frastructure provided by NATO allies. These  
17 capabilities include dual-capable aircraft that  
18 contribute to current burden-sharing arrange-  
19 ments within NATO. In general, we must take  
20 care to maintain this particular capability, and  
21 to modernize it appropriately and in a timely  
22 fashion.”; and

23 (B) the role of the nuclear weapons of the  
24 United States is “to deter nuclear war and to  
25 serve as last resort weapons of self-defense. In

1           this sense, U.S. nuclear weapons are funda-  
2           mental to our nation’s security and have his-  
3           torically provided a deterrent against aggression  
4           and security assurance to U.S. allies. A robust,  
5           flexible, and survivable U.S. nuclear arsenal un-  
6           derpins the U.S. ability to deploy conventional  
7           forces worldwide.”.

8           (4) On March 28, 2017, General Curtis  
9           Scaparrotti, Commander of the United States Euro-  
10          pean Command and the Supreme Allied Com-  
11          mander, Europe, testified to the Committee on  
12          Armed Services of the House of Representatives that  
13          “NATO and U.S. nuclear forces continue to be a  
14          vital component of our deterrence. Our moderniza-  
15          tion efforts are crucial; we must preserve a ready,  
16          credible, and safe nuclear capability.”.

17          (5) The Russian Federation is currently under-  
18          going significant modernization and recapitalization  
19          of all three legs of its nuclear triad, continues to  
20          field and modernize a large variety of non-strategic  
21          nuclear weapons, and is developing and deploying  
22          new and unique nuclear capabilities.

23          (6) Russia remains in violation of the INF  
24          Treaty due to the development, testing, and, most  
25          recently, the operational deployment of ground-

1       launched cruise missiles in violation of the INF  
2       Treaty.

3           (7) On March 28, 2017, General Paul Selva,  
4       Vice Chairman of the Joint Chiefs of Staff, de-  
5       scribed the security consequences of the deployment  
6       of such INF Treaty-violating missiles, testifying to  
7       the Committee on Armed Services of the House of  
8       Representatives that “our assessment of the impact  
9       is that it more threatens NATO and infrastructure  
10      within the European continent than any other...area  
11      of the world that we have national interests in or al-  
12      liance interests in.”.

13          (8) On March 28, 2017, General Curtis  
14      Scaparrotti, in testimony before the Committee on  
15      Armed Services of the House of Representatives, re-  
16      sponded to a question asking if Russia intends to re-  
17      turn to compliance with the INF Treaty by stating,  
18      “I don’t have any indication that they will at this  
19      time.”.

20          (9) Rhetoric from Russian officials has dem-  
21      onstrated that Moscow has sought to leverage its nu-  
22      clear arsenal to threaten and intimidate neighboring  
23      countries, including members of NATO, as was the  
24      case when the Russian Ambassador to Denmark  
25      stated, “Danish warships will be targets for Russian

1 nuclear missiles” in response to Denmark’s potential  
2 cooperation in the NATO missile defense system.

3 (b) SENSE OF CONGRESS.—It is the sense of Con-  
4 gress that—

5 (1) the nuclear and conventional deterrence ca-  
6 pabilities of NATO are of critical importance to the  
7 security of the United States and of the NATO alli-  
8 ance, and must continue to adapt to the changed se-  
9 curity environment in Europe;

10 (2) the ability of the United States to forward-  
11 deploy dual-capable aircraft and nuclear weapons,  
12 and of select members of NATO to participate in the  
13 nuclear deterrence mission of NATO by hosting for-  
14 ward-deployed nuclear weapons of the United States  
15 or operating dual-capable aircraft, is central to the  
16 credibility of the nuclear deterrence and defense pos-  
17 ture of NATO;

18 (3) the strategic forces of the United States,  
19 the independent nuclear forces of the United King-  
20 dom and the French Republic, and the dual-capable  
21 aircraft operated by the United States and other  
22 members of NATO constitute foundational elements  
23 of the nuclear deterrence and defense posture of  
24 NATO;



1           (4) NATO should modernize its nuclear-related  
2           infrastructure to ensure the highest-level of safety  
3           and security;

4           (5) effective deterrence requires NATO to con-  
5           duct nuclear planning and exercises aligned with  
6           21st century requirements and modernize nuclear-re-  
7           lated capabilities and infrastructure, including dual-  
8           capable aircraft, command and control networks,  
9           and facilities; and

10          (6) to ensure the continued credibility of the de-  
11          terrence and defense posture of NATO, the planned  
12          completion of F-35A aircraft development and test-  
13          ing, as well as the delivery of such aircraft to mem-  
14          bers of NATO, must not be delayed.

15          (c) INF TREATY DEFINED.—In this section, the  
16          term “INF Treaty” means the Treaty Between the United  
17          States of America and the Union of Soviet Socialist Re-  
18          publics on the Elimination of Their Intermediate-Range  
19          and Shorter-Range Missiles, commonly referred to as the  
20          “Intermediate- Range Nuclear Forces (INF) Treaty”,  
21          signed at Washington December 8, 1987, and entered into  
22          force June 1, 1988.

1 **SEC. 1237. REPORT ON SECURITY COOPERATION WITH RE-**  
2 **SPECT TO WESTERN BALKAN COUNTRIES.**

3 (a) IN GENERAL.—Not later than 180 days after the  
4 enactment of this Act, the Secretary of Defense, with the  
5 concurrence of the Secretary of State, shall submit to the  
6 congressional defense committees and the Committees on  
7 Foreign Relations of the Senate and the Committee on  
8 Foreign Affairs of the House of Representatives a report  
9 on security cooperation with respect to Western Balkan  
10 countries.

11 (b) MATTERS TO BE INCLUDED.—The report re-  
12 quired under subsection (a) shall include the following:

13 (1) An assessment of security cooperation be-  
14 tween each Western Balkan country and the Russian  
15 Federation, including the following:

16 (A) A list of Russian weapons systems and  
17 other military hardware and technology valued  
18 at \$1,000,000 or more that have been provided  
19 to or purchased by each Western Balkan coun-  
20 try since 2012.

21 (B) A description of the participation of  
22 each Western Balkan country's security forces  
23 in training or exercises with the Russian Fed-  
24 eration since 2012.

1 (C) A description of any security coopera-  
2 tion agreements each Western Balkan country  
3 has entered into with the Russian Federation.

4 (D) An assessment of intelligence coopera-  
5 tion between each Western Balkan country and  
6 the Russian Federation.

7 (E) An assessment of how security co-  
8 operation between each Western Balkan coun-  
9 try and the Russian Federation affects the se-  
10 curity interests of the United States, the North  
11 Atlantic Treaty Organization (NATO), the  
12 Western Balkan country, and each NATO  
13 member state that borders the Western Balkan  
14 country.

15 (2) An assessment of security cooperation be-  
16 tween each Western Balkan country and the United  
17 States, including the following:

18 (A) A list of United States weapons sys-  
19 tems and other military hardware and tech-  
20 nology valued at \$1,000,000 or more that have  
21 been provided to or purchased by each Western  
22 Balkan country since 2012.

23 (B) A description of the participation of  
24 each Western Balkan country's security forces

1 in training or exercises with the United States  
2 since 2012.

3 (C) A description of any security coopera-  
4 tion agreements each Western Balkan country  
5 has entered into with the United States.

6 (D) An assessment of intelligence coopera-  
7 tion between each Western Balkan country and  
8 the United States.

9 (3) An assessment of security cooperation be-  
10 tween each Western Balkan country and NATO.

11 (4) A description of each Western Balkan coun-  
12 try's participation and activities in NATO's Partner-  
13 ship for Peace program, if applicable.

14 (c) FORM.—The report required under subsection (a)  
15 shall be submitted in unclassified form, but may include  
16 a classified annex.

17 (d) DEFINITION.—The term “Western Balkan coun-  
18 tries” means—

19 (1) Serbia;

20 (2) Bosnia and Herzegovina;

21 (3) Kosovo; and

22 (4) Macedonia.

1 **SEC. 1238. PLAN TO RESPOND IN CASE OF RUSSIAN NON-**  
2 **COMPLIANCE WITH THE NEW START TREATY.**

3 (a) IN GENERAL.—Not later than 30 days after the  
4 date of the enactment of this Act, the President shall sub-  
5 mit to the congressional defense committees, the Com-  
6 mittee on Foreign Affairs of the House of Representatives,  
7 and the Committee on Foreign Relations of the Senate  
8 a report—

9 (1) describing the options available in response  
10 to a failure by Russia to achieve the reductions re-  
11 quired by the New START Treaty before February  
12 5, 2018; and

13 (2) including the assessment of the Secretary of  
14 Defense whether such a failure would constitute a  
15 material breach of the New START Treaty, pro-  
16 viding grounds for the United States to withdraw  
17 from the treaty.

18 (b) OPTIONS DESCRIBED.—The report required  
19 under subsection (a) shall specifically describe options to  
20 respond to such a failure relating to the following:

21 (1) Economic sanctions.

22 (2) Diplomacy.

23 (3) Additional deployment of ballistic or cruise  
24 missile defense capabilities, or other United States  
25 capabilities that would offset any potential Russian  
26 military advantage from such a failure.

1           (4) Redeployment of United States nuclear  
2 forces beyond the levels required by the New  
3 START Treaty, and the associated costs and im-  
4 pacts on United States operations.

5           (5) Legal countermeasures available under  
6 other treaties between the United States and Russia,  
7 including under the Treaty on Open Skies, done at  
8 Helsinki March 24, 1992, and entered into force  
9 January 1, 2002.

10          (c) NEW START TREATY.—In this section, the term  
11 “New START Treaty” means the Treaty between the  
12 United States of America and the Russian Federation on  
13 Measures for the Further Reduction and Limitation of  
14 Strategic Offensive Arms, signed at Prague April 8, 2010,  
15 and entered into force February 5, 2011.

16 **SEC. 1239. STRATEGY TO COUNTER THREATS BY THE RUS-**  
17 **SIAN FEDERATION.**

18          (a) STRATEGY REQUIRED.—The Secretary of De-  
19 fense, in coordination with the Secretary of State and in  
20 consultation with each of the Secretaries of the military  
21 departments, the Joint Chiefs of Staff, and the com-  
22 manders of each of the regional and functional combatant  
23 commands, shall develop and implement a comprehensive  
24 strategy to counter threats by the Russian Federation.

25          (b) REPORT REQUIRED.—

1           (1) IN GENERAL.—Not later than 180 days  
2 after the date of the enactment of this Act, the Sec-  
3 retary of Defense shall submit to the appropriate  
4 congressional committees a report on the strategy  
5 required by subsection (a).

6           (2) ELEMENTS.—The report required by this  
7 subsection shall include the following elements:

8           (A) An evaluation of strategic objectives  
9 and motivations of the Russian Federation.

10           (B) A detailed description of Russian  
11 threats to the national security of the United  
12 States, including threats that may pose chal-  
13 lenges below the threshold of armed conflict.

14           (C) A discussion of how the strategy com-  
15 plements the National Defense Strategy and  
16 the National Military Strategy.

17           (D) A discussion of the ends, ways, and  
18 means inherent to the strategy.

19           (E) A discussion of the strategy's objec-  
20 tives with respect to deterrence, escalation con-  
21 trol, and conflict resolution.

22           (F) A description of the military activities  
23 across geographic regions and military func-  
24 tions and domains that are inherent to the  
25 strategy.

1 (G) A description of the posture, forward  
2 presence, and readiness requirements inherent  
3 to the strategy.

4 (H) A description of the roles of the  
5 United States Armed Forces in implementing  
6 the strategy, including—

7 (i) the role of United States nuclear  
8 capabilities;

9 (ii) the role of United States space ca-  
10 pabilities;

11 (iii) the role of United States cyber  
12 capabilities;

13 (iv) the role of United States conven-  
14 tional ground forces;

15 (v) the role of United States naval  
16 forces;

17 (vi) the role of United States air  
18 forces; and

19 (vii) the role of United States special  
20 operations forces.

21 (I) An assessment of the force require-  
22 ments needed to implement and sustain the  
23 strategy.



1           (J) A description of the logistical require-  
2           ments needed to implement and sustain the  
3           strategy.

4           (K) An assessment of the technological re-  
5           search and development requirements needed to  
6           implement and sustain the strategy.

7           (L) An assessment of the training and ex-  
8           ercise requirements needed to implement and  
9           sustain the strategy.

10          (M) An assessment of the budgetary re-  
11          source requirements needed to implement and  
12          sustain the strategy through December 31,  
13          2030.

14          (N) An analysis of the adequacy of current  
15          authorities and command structures for coun-  
16          tering unconventional warfare.

17          (O) Recommendations for improving the  
18          counter-unconventional warfare capabilities, au-  
19          thorities, and command structures of the De-  
20          partment of Defense.

21          (P) A discussion of how the strategy pro-  
22          vides a framework for future planning and in-  
23          vestments in regional defense initiatives, includ-  
24          ing the European Deterrence Initiative.

1           (Q) A plan to increase conventional preci-  
2           sion strike weapon stockpiles in the United  
3           States European Command's areas of responsi-  
4           bility, which shall include necessary increases in  
5           the quantities of such stockpiles that the Sec-  
6           retary of Defense determines will enhance de-  
7           terrence and warfighting capability of the North  
8           Atlantic Treaty Organization forces.

9           (R) A plan to counter the military capabili-  
10          ties of the Russian Federation, which, in addi-  
11          tion to elements the Secretary of Defense deter-  
12          mines to be appropriate, shall include rec-  
13          ommendations for—

14               (i) improving the capability of United  
15               States Armed Forces to operate in a Glob-  
16               al Positioning System (GPS)-denied or  
17               GPS-degraded environment;

18               (ii) improving the capability of United  
19               States Armed Forces to counter Russian  
20               unmanned aircraft systems, electronic war-  
21               fare, and long-range precision strike capa-  
22               bilities; and

23               (iii) countering unconventional capa-  
24               bilities and hybrid threats from the Rus-  
25               sian Federation.

1           (3) FORM.—The report required by this sub-  
2           section shall be submitted in unclassified form but  
3           may contain a classified annex.

4 **SEC. 1239A. STRATEGY TO COUNTER THE THREAT OF MA-**  
5 **LIGN INFLUENCE BY THE RUSSIAN FEDERA-**  
6 **TION.**

7           (a) STRATEGY.—

8           (1) IN GENERAL.—The Secretary of Defense  
9           and the Secretary of State, in coordination with the  
10          appropriate United States Government officials,  
11          shall jointly develop a comprehensive strategy to  
12          counter the threat of malign influence by the Rus-  
13          sian Federation.

14          (2) SCOPE OF STRATEGY.—The strategy re-  
15          quired by paragraph (1) shall include the following  
16          actions:

17                  (A) To attribute, defend against, and  
18                  counter hybrid warfare operations short of tra-  
19                  ditional armed conflict against the United  
20                  States and its allies and partners.

21                  (B) To deter, and respond when necessary,  
22                  to malicious cyber activities by the Russian  
23                  Federation.

1 (C) To identify and defend against the  
2 threat of malign influence by the Russian Fed-  
3 eration, including actions to counter—

4 (i) the use of misinformation,  
5 disinformation, and propaganda in social  
6 and traditional media;

7 (ii) corrupt or illicit financing of polit-  
8 ical parties, think tanks, media organiza-  
9 tions, and academic institutions; and

10 (iii) the use of coercive economic tools,  
11 including sanctions, market access,  
12 cryptocurrencies, and differential pricing,  
13 especially in the energy sector.

14 (D) To promote the core values and prin-  
15 ciples of the United States, enhance the trans-  
16 atlantic relationship, strengthen good govern-  
17 ance and democracy among European allies and  
18 partners, and further integration into multilat-  
19 eral institutions underpinning the global order,  
20 including the North Atlantic Treaty Organiza-  
21 tion (NATO) and the European Union.

22 (b) ELEMENTS.—The strategy required by subsection  
23 (a) shall include the following elements:

24 (1) SECURITY MEASURES.—Actions to counter  
25 the use of force, coercion, and other hybrid warfare

1 operations of the military, intelligence, and other se-  
2 curity forces, including irregulars, groups, or individ-  
3 uals, of the Russian Federation, including the fol-  
4 lowing:

5 (A) Actions to build the military presence  
6 and capabilities of military and security forces  
7 of the United States and European allies and  
8 partners to deter and respond to aggression by  
9 the Russian Federation.

10 (B) Actions to improve indications and  
11 warnings, and capabilities to identify and at-  
12 tribute responsibility for the use of force, coer-  
13 cion, or other hybrid warfare operations by the  
14 Russian Federation.

15 (C) Actions to support NATO allies and  
16 non-NATO partners in maintaining their sov-  
17 ereignty and territorial integrity.

18 (2) INFORMATION OPERATIONS.—Actions to  
19 counter information operations of the Russian Fed-  
20 eration, including the following:

21 (A) Actions to identify, attribute, and  
22 counter malign disinformation, active measures,  
23 propaganda, and deception and denial activities  
24 of the Russian Federation in the United States

1 and Europe, through traditional and social  
2 media.

3 (B) To enhance joint, regional, and com-  
4 bined information operations and strategic com-  
5 munication strategies to counter Russian Fed-  
6 eration information warfare, malign influence,  
7 and propaganda activities and increase coopera-  
8 tion, exercises, and policy development with the  
9 NATO Strategic Communications Center of Ex-  
10 cellence.

11 (C) The establishment of interagency  
12 mechanisms for the coordination and implemen-  
13 tation of the strategy with respect to  
14 disinformation, active measures, propaganda,  
15 and deception and denial activities of the Rus-  
16 sian Federation.

17 (D) Actions to strengthen the effectiveness  
18 of and fully resource the Global Engagement  
19 Center to carry out its purpose specified in sec-  
20 tion 1287(a)(2) of National Defense Authoriza-  
21 tion Act for Fiscal Year 2017 (22 U.S.C. 2656  
22 note) to lead, synchronize, and coordinate ef-  
23 forts of the Federal Government to recognize,  
24 understand, expose, and counter propaganda  
25 and disinformation efforts by the Russian Fed-

1           eration, other foreign governments, and non-  
2           state actors.

3           (E) Programs to strengthen investigative  
4           journalism and media independence abroad in  
5           countries most vulnerable to malign influence  
6           by the Russian Federation.

7           (F) Actions to build resilience to  
8           disinformation, active measures, propaganda,  
9           and deception and denial activities of the Rus-  
10          sian Federation in the United States and other  
11          countries vulnerable to malign influence by the  
12          Russian Federation.

13          (G) Efforts to work with traditional and  
14          social media providers to attribute and counter  
15          the threat of malign influence by the Russian  
16          Federation.

17          (3) CYBER MEASURES.—Actions to counter the  
18          threat of malign influence by the Russian Federa-  
19          tion in cyberspace, including the following:

20                (A) To increase inclusion of regional cyber  
21                planning within larger United States joint plan-  
22                ning exercises in the European region and in-  
23                crease joint exercises and policy development  
24                through the NATO Cooperative Cyber Defense  
25                Center of Excellence.

1 (B) To identify potential areas of cyberse-  
2 curity collaboration and partnership capabilities  
3 with NATO and other European allies and  
4 partners.

5 (C) Programs to educate citizens, informa-  
6 tion and communications technology experts,  
7 and private sector organizations in the United  
8 States and abroad to enhance their resilience to  
9 malign influence by the Russian Federation in  
10 cyberspace.

11 (4) POLITICAL AND DIPLOMATIC MEASURES.—  
12 Actions to counter malign political influence by the  
13 Russian Federation in the United States and among  
14 European allies and partners, including the fol-  
15 lowing:

16 (A) Programs and activities to enhance the  
17 resilience of United States democratic institu-  
18 tions and infrastructure at the national and  
19 subnational levels.

20 (B) Programs working through the De-  
21 partment of State and the United States Agen-  
22 cy for International Development to promote  
23 good governance and enhance democratic insti-  
24 tutions abroad, particularly in countries deemed



1 most vulnerable to malign influence by the Rus-  
2 sian Federation.

3 (C) Actions within the United Nations, the  
4 Organization for Security and Cooperation in  
5 Europe, and other multi-lateral organizations to  
6 counter malign influence by the Russian Fed-  
7 eration.

8 (D) Actions to identify organizations or  
9 networks of individuals affiliated or collabo-  
10 rating with the Government of the Russian  
11 Federation or proxies of the Russian Federa-  
12 tion in the United States or European allies  
13 and partners.

14 (5) FINANCIAL MEASURES.—Actions to counter  
15 corrupt and illicit financial networks of the Russian  
16 Federation in the United States and abroad, includ-  
17 ing the following:

18 (A) Actions to promote the transparency of  
19 corrupt and illicit financial transactions of the  
20 Russian Federation, and other anti-corruption  
21 measures.

22 (B) Actions to maintain and enhance the  
23 focus within the Department of the Treasury on  
24 tracing corrupt and illicit financial flows linked  
25 to the Russian Federation that interact with

1 the United States financial system and exposing  
2 beneficial ownership and opaque Russia-related  
3 business transactions of significant importance.

4 (C) Actions to build the capacity of finan-  
5 cial intelligence units of allies and partners.

6 (D) Actions to enhance financial intel-  
7 ligence cooperation between the United States  
8 and the European Union.

9 (6) ENERGY SECURITY MEASURES.—Actions to  
10 promote the energy security of European allies and  
11 partners, and to reduce their dependence on energy  
12 imports from the Russian Federation that the Rus-  
13 sian Federation uses as a weapon to coerce, intimi-  
14 date, and influence those countries, including the  
15 following:

16 (A) Actions to develop plans, working with  
17 the governments of European allies and part-  
18 ners to enhance energy market liberalization,  
19 effective regulation and oversight, energy reli-  
20 ability, and energy efficiency.

21 (B) Actions to work with the European  
22 Union to promote the growth of liquefied nat-  
23 ural gas trade and expansion of the gas trans-  
24 port infrastructure in Europe.

1 (C) Actions to promote a dialogue within  
2 the NATO on a coherent, strategic approach to  
3 energy security for NATO members and part-  
4 ner nations.

5 (7) PROMOTION OF VALUES.—Actions to pro-  
6 mote United States values and principles to provide  
7 a strong, credible alternative to malign influence by  
8 the Russian Federation, including the following:

9 (A) Actions to promote alliance structure,  
10 the importance of transatlantic security as it re-  
11 lates to United States national security, and the  
12 continued integration of countries within multi-  
13 lateral institutions within Europe.

14 (B) Public diplomacy and outreach to the  
15 people of the Russian Federation.

16 (c) CONSISTENCY WITH OTHER LAWS.—The strat-  
17 egy required by subsection (a) shall be consistent with the  
18 following:

19 (1) The Countering America's Adversaries  
20 Through Sanctions Act (Public law 115–44).

21 (2) The Ukraine Freedom Support Act of 2014  
22 (22 U.S.C. 8921 et seq.).

23 (3) The Support for the Sovereignty, Integrity,  
24 Democracy, and Economic Stability of Ukraine Act  
25 of 2014 (22 U.S.C. 8901 et seq.).

1           (4) The Sergei Magnitsky Rule of Law Ac-  
2           countability Act of 2012 (22 U.S.C. 5811 note).

3           (d) REPORT.—Not later than 120 days after the date  
4 of the enactment of this Act, the Secretary of Defense and  
5 the Secretary of State shall jointly submit to the appro-  
6 priate committees of Congress a report detailing the strat-  
7 egy required by subsection (a).

8           (e) APPROPRIATE COMMITTEES OF CONGRESS DE-  
9 FINED.—In the section the term “appropriate committees  
10 of Congress” means—

11           (1) the Committee on Armed Services, the  
12           Committee on Foreign Relations, the Committee on  
13           Appropriations, the Committee on the Judiciary, the  
14           Committee on Banking, Housing and Urban Affairs,  
15           and the Select Committee on Intelligence of the Sen-  
16           ate; and

17           (2) the Committee on Armed Services, the  
18           Committee on Foreign Affairs, the Committee on  
19           Appropriations, the Committee on the Judiciary, the  
20           Committee on Financial Services, and the Perma-  
21           nent Select Committee on Intelligence of the House  
22           of Representatives.

1 **Subtitle E—Intermediate-Range**  
2 **Nuclear Forces (INF) Treaty**  
3 **Preservation Act of 2017**

4 **SEC. 1241. SHORT TITLE.**

5 This subtitle may be cited as the “Intermediate-  
6 Range Nuclear Forces (INF) Treaty Preservation Act of  
7 2017”.

8 **SEC. 1242. FINDINGS.**

9 Congress makes the following findings:

10 (1) The 2014, 2015, and 2016 Department of  
11 State reports entitled, “Adherence to and Compli-  
12 ance with Arms Control, Nonproliferation, and Dis-  
13 armament Agreements and Commitments”, all stat-  
14 ed that the United States has determined that “the  
15 Russian Federation is in violation of its obligations  
16 under the INF Treaty not to possess, produce, or  
17 flight-test a ground-launched cruise missile (GLCM)  
18 with a range capability of 500 km to 5,500 km, or  
19 to possess or produce launchers of such missiles”.

20 (2) The 2016 report also noted that “the cruise  
21 missile developed by Russia meets the INF Treaty  
22 definition of a ground-launched cruise missile with a  
23 range capability of 500 km to 5,500 km, and as  
24 such, all missiles of that type, and all launchers of

1 the type used or tested to launch such a missile, are  
2 prohibited under the provisions of the INF Treaty”.

3 (3) Potential consistency and compliance con-  
4 cerns regarding the INF Treaty noncompliant  
5 GLCM have existed since 2008, were not officially  
6 raised with the Russian Federation until 2013, and  
7 were not briefed to the North Atlantic Treaty Orga-  
8 nization (NATO) until January 2014.

9 (4) The United States Government is aware of  
10 other consistency and compliance concerns regarding  
11 Russia actions vis-à-vis its INF Treaty obligations.

12 (5) Since 2013, senior United States officials,  
13 including the President, the Secretary of State, and  
14 the Chairman of the Joint Chiefs of Staff, have  
15 raised Russian noncompliance with the INF Treaty  
16 to their counterparts, but no progress has been  
17 made in bringing the Russian Federation back into  
18 compliance with the INF Treaty.

19 (6) In April 2014, General Breedlove, the Su-  
20 preme Allied Commander Europe, correctly stated,  
21 “A weapon capability that violates the INF, that is  
22 introduced into the greater European land mass, is  
23 absolutely a tool that will have to be dealt with . . .  
24 It can’t go unanswered.”.

1           (7) The Department of Defense in its Sep-  
2           tember 2013 report, Report on Conventional Prompt  
3           Global Strike Options if Exempt from the Restric-  
4           tions of the Intermediate-Range Nuclear Forces  
5           Treaty Between the United States of America and  
6           the Union of Soviet Socialist Republics, stated that  
7           it has multiple validated military requirement gaps  
8           due to the prohibitions imposed on the United States  
9           as a result of its compliance with the INF Treaty.

10          (8) It is not in the national security interests  
11          of the United States to be unilaterally legally prohib-  
12          ited from developing dual-capable ground-launched  
13          cruise missiles with ranges between 500 and 5,500  
14          kilometers, while Russia makes advances in devel-  
15          oping and fielding this class of weapon systems, and  
16          such unilateral limitation cannot be allowed to con-  
17          tinue indefinitely.

18          (9) Admiral Harry Harris, Jr., Commander of  
19          the United States Pacific Command, testified before  
20          the Senate Armed Services Committee on April 27,  
21          2017, that “[W]e’re in a multi-polar world where we  
22          have a lot of countries who are developing these  
23          weapons, including China, that I worry about. And  
24          I worry about their DF-21 and DF-26 missile pro-  
25          grams, their anti-carrier ballistic missile programs,

1 if you will. INF doesn't address missiles launched  
2 from ships or airplanes, but it focuses on those land-  
3 based systems. I think there's goodness in the INF  
4 treaty, anything you can do to limit nuclear weapons  
5 writ-large is generally good. But the aspects of the  
6 INF Treaty that limit our ability to counter Chinese  
7 and other countries' land-based missiles, I think, is  
8 problematic."

9 (10) A material breach of the INF Treaty by  
10 the Russian Federation affords the United States  
11 the right to invoke legal countermeasures which in-  
12 clude suspension of the treaty in whole or in part.

13 (11) Article XV of the INF Treaty provides  
14 that "Each Party shall, in exercising its national  
15 sovereignty, have the right to withdraw from this  
16 Treaty if it decides that extraordinary events related  
17 to the subject matter of this Treaty have jeopardized  
18 its supreme interests."

19 **SEC. 1243. COMPLIANCE ENFORCEMENT REGARDING RUS-**  
20 **SIAN VIOLATIONS OF THE INF TREATY.**

21 (a) SENSE OF CONGRESS.—It is the sense of Con-  
22 gress that—

23 (1) the actions undertaken by the Russian Fed-  
24 eration in violation of the INF Treaty constitute a  
25 material breach of the treaty;



1           (2) in light of the Russian Federation's mate-  
2           rial breach of the INF Treaty, the United States is  
3           legally entitled to suspend the operation of the INF  
4           Treaty in whole or in part for so long as the Russian  
5           Federation continues to be in material breach; and

6           (3) for so long as the Russian Federation re-  
7           mains in noncompliance with the INF Treaty, the  
8           United States should take actions to encourage the  
9           Russian Federation return to compliance, including  
10          by—

11                 (A) providing additional funds for the ca-  
12                 pabilities identified in section 1243(d) of the  
13                 National Defense Authorization Act for Fiscal  
14                 Year 2016 (Public Law 114–92; 129 Stat.  
15                 1062); and

16                 (B) seeking additional missile defense as-  
17                 sets in the European theater to protect United  
18                 States and NATO forces from ground-launched  
19                 missile systems of the Russian Federation that  
20                 are in noncompliance with the INF Treaty.

21          (b) AVAILABILITY OF FUNDS.—Of the funds author-  
22          ized to be appropriated by this Act for fiscal year 2018  
23          for research, development, test, and evaluation, as speci-  
24          fied in the funding table in division D, \$58,000,000 shall  
25          be made available for the development of—

1           (1) active defenses to counter ground-launched  
2           missile systems with ranges between 500 and 5,500  
3           kilometers;

4           (2) counterforce capabilities to prevent attacks  
5           from these missiles; and

6           (3) countervailing strike capabilities to enhance  
7           the capabilities of the United States identified in  
8           section 1243(d) of the National Defense Authoriza-  
9           tion Act for Fiscal Year 2016 (Public Law 114–92;  
10          129 Stat. 1062).

11          (c) DEVELOPMENT OF INF RANGE GROUND-  
12 LAUNCHED MISSILE SYSTEM.—

13           (1) ESTABLISHMENT OF A PROGRAM OF  
14          RECORD.—The Secretary of Defense shall establish  
15          a program of record to develop a conventional road-  
16          mobile ground-launched cruise missile system with a  
17          range of between 500 to 5,500 kilometers, including  
18          research and development activities with respect to  
19          such cruise missile system.

20           (2) REPORT REQUIRED.—Not later than 120  
21          days after the date of the enactment of this Act, the  
22          Secretary of Defense shall submit to the congress-  
23          sional defense committees a report on the cost and  
24          schedule for, and feasibility of, modifying United  
25          States missile systems in existence or planned as of

1 such date of enactment for ground launch with a  
2 range of between 500 and 5,500 kilometers as com-  
3 pared with the cost and schedule for, and feasibility  
4 of, developing a new ground-launched missile using  
5 new technology with the same range.

6 **SEC. 1244. NOTIFICATION REQUIREMENT RELATED TO RUS-**  
7 **SIAN FEDERATION DEVELOPMENT OF NON-**  
8 **COMPLIANT SYSTEMS AND UNITED STATES**  
9 **ACTIONS REGARDING MATERIAL BREACH OF**  
10 **INF TREATY BY THE RUSSIAN FEDERATION.**

11 (a) NOTIFICATION BY DIRECTOR OF NATIONAL IN-  
12 TELLIGENCE.—

13 (1) IN GENERAL.—The Director of National In-  
14 telligence shall notify the appropriate congressional  
15 committees of any development, deployment, or test  
16 of a system by the Russian Federation that the Di-  
17 rector determines is inconsistent with the INF Trea-  
18 ty.

19 (2) DEADLINE.—A notification under this sub-  
20 section shall be made not later than 15 days after  
21 the date on which the Director makes the determina-  
22 tion under this subsection with respect to which the  
23 notification is required.

24 (b) WITHHOLDING OF FUNDS.—

1           (1) IN GENERAL.—An amount equal to  
2           \$50,000,000 of the amount authorized to be appro-  
3           priated or otherwise made available to the Depart-  
4           ment of Defense for operation and maintenance, De-  
5           fense-wide, for fiscal year 2018 to carry out special  
6           mission area activities of the Defense Information  
7           Systems Agency shall be withheld from obligation or  
8           expenditure until the date on which the President  
9           has submitted both the certification described in  
10          paragraph (2) and the report described in subsection  
11          (e).

12          (2) CERTIFICATION DESCRIBED.—The certifi-  
13          cation described in this paragraph is a certification  
14          by the President to the appropriate congressional  
15          committees of the following:

16                (A) Each requirement of section 1290 of  
17                the National Defense Authorization Act for Fis-  
18                cal Year 2017 (Public Law 114–328; 130 Stat.  
19                2538; 22 U.S.C. 2593e) has been fully imple-  
20                mented and is continuing to be fully imple-  
21                mented.

22                (B) The President has notified the appro-  
23                priate congressional committees under such sec-  
24                tion 1290 of the imposition of measures de-  
25                scribed in subsection (c) of such section with re-

1           spect to each person identified in a report  
2           under subsection (a) of such section, including  
3           a detailed description of the imposition of all  
4           such measures.

5           (c) REPORT ON PLAN TO IMPOSE ADDITIONAL SANC-  
6 TIONS WITH RESPECT TO THE RUSSIAN FEDERATION.—

7           (1) IN GENERAL.—The President shall develop  
8           and submit to the congressional defense committees,  
9           the Committee on Foreign Relations and the Com-  
10          mittee on Banking, Housing, and Urban Affairs of  
11          the Senate, and the Committee on Foreign Affairs  
12          of the House of Representatives a report that in-  
13          cludes—

14                 (A) a plan to impose the measures de-  
15                 scribed in paragraph (3) with respect to each  
16                 person described in paragraph (2) by reason of  
17                 non-compliance by the Russian Federation with  
18                 the INF Treaty; and

19                 (B) a list of each such person.

20          (2) PERSONS DESCRIBED.—The persons de-  
21          scribed in this paragraph are individuals who—

22                 (A) the President determines are respon-  
23                 sible for ordering or facilitating non-compliance  
24                 by the Russian Federation with the INF Trea-  
25                 ty; or

1 (B) are senior foreign political figures (as  
2 such term is defined in section 1010.605 of title  
3 31, Code of Federal Regulations, as in effect on  
4 the date of the enactment of this Act) of the  
5 Government of the Russian Federation.

6 (3) MEASURES DESCRIBED.—The measures de-  
7 scribed in this paragraph are the following, with re-  
8 spect to a person described in paragraph (2):

9 (A) Blocking and prohibiting all trans-  
10 actions in property and interests in property of  
11 such person, if such property and interests in  
12 property are in the United States, come within  
13 the United States, or are or come within the  
14 possession or control of a United States person.

15 (B) Inadmissibility to the United States,  
16 ineligibility to receive a visa or other docu-  
17 mentation to enter the United States, and ineli-  
18 gibility to be admitted or paroled into the  
19 United States or to receive any other benefit  
20 under the Immigration and Nationality Act (8  
21 U.S.C. 1101 et seq.), and revocation of any visa  
22 or other entry documentation.

23 (C) Prohibiting United States procurement  
24 from such person.

1 (D) Any other sanctions the President de-  
2 termines to be appropriate.

3 (4) FORM.—The report described in paragraph  
4 (1) shall be submitted in unclassified form.

5 (5) DRAFT REGULATIONS REQUIRED.—Not  
6 later than 60 days after the date of the submission  
7 of the plan described in paragraph (1), the President  
8 shall prescribe in draft form such regulations as may  
9 be necessary to impose the measures described in  
10 paragraph (3) with respect to each person described  
11 in paragraph (2).

12 **SEC. 1245. REVIEW OF RS-26 BALLISTIC MISSILE.**

13 (a) IN GENERAL.—The President, in consultation  
14 with the Secretary of State, the Secretary of Defense, the  
15 Chairman of the Joint Chiefs of Staff, and the Director  
16 of National Intelligence, shall conduct a review of the RS-  
17 26 ballistic missile of the Russian Federation.

18 (b) REPORT REQUIRED.—Not later than 90 days  
19 after the date of the enactment of this Act, the President,  
20 in consultation with the Secretary of State, the Secretary  
21 of Defense, the Chairman of the Joint Chiefs of Staff, and  
22 the Director of National Intelligence, shall submit to the  
23 appropriate congressional committees a report on the re-  
24 view conducted under subsection (a). The report shall in-  
25 clude—

1           (1) a determination whether the RS–26 ballistic  
2 missile is covered under the New START Treaty or  
3 would be a violation of the INF Treaty because Rus-  
4 sia has flight-tested such missile to ranges covered  
5 by the INF Treaty in more than one warhead con-  
6 figuration; and

7           (2) if the President determines that the RS–26  
8 ballistic missile is covered under the New START  
9 Treaty, a determination whether the Russian Fed-  
10 eration—

11           (A) has agreed through the Bilateral Con-  
12 sultative Commission that such a system is lim-  
13 ited under the New START Treaty central lim-  
14 its; and

15           (B) has agreed to an exhibition of such a  
16 system.

17       (c) EFFECT OF DETERMINATION.—If the President,  
18 with the concurrence of the Secretary of State, the Sec-  
19 retary of Defense, the Chairman of the Joint Chiefs of  
20 Staff, and the Director of National Intelligence, deter-  
21 mines that the RS–26 ballistic missile is covered under  
22 the New START Treaty and that the Russian Federation  
23 has not taken the steps described under subsection (b)(2),  
24 the United States Government shall consider for purposes  
25 of all policies and decisions that the RS–26 ballistic mis-



1 sile of the Russian Federation is a violation of the INF  
2 Treaty.

3 **SEC. 1246. DEFINITIONS.**

4 In this subtitle:

5 (1) APPROPRIATE CONGRESSIONAL COMMIT-  
6 TEES.—The term “appropriate congressional com-  
7 mittees” means—

8 (A) the Select Committee on Intelligence,  
9 the Committee on Foreign Relations, the Com-  
10 mittee on Armed Services, and the Committee  
11 on Appropriations of the Senate; and

12 (B) the Permanent Select Committee on  
13 Intelligence, the Committee on Foreign Affairs,  
14 the Committee on Armed Services, and the  
15 Committee on Appropriations of the House of  
16 Representatives.

17 (2) INF TREATY.—The term “INF Treaty”  
18 means the Treaty between the United States of  
19 America and the Union of Soviet Socialist Republics  
20 on the Elimination of Their Intermediate-Range and  
21 Shorter-Range Missiles, signed at Washington De-  
22 cember 8, 1987, and entered into force June 1,  
23 1988.

24 (3) INTELLIGENCE COMMUNITY.—The term  
25 “intelligence community” has the meaning given the

1 term in section 3(4) of the National Security Act of  
2 1947 (50 U.S.C. 3003(4)).

3 (4) NEW START TREATY.—The term “New  
4 START Treaty” means the Treaty between the  
5 United States of America and the Russian Federa-  
6 tion on Measures for the Further Reduction and  
7 Limitation of Strategic Offensive Arms, signed at  
8 Prague April 8, 2010, and entered into force Feb-  
9 ruary 5, 2011.

10 (5) OPEN SKIES TREATY.—The term “Open  
11 Skies Treaty” means the Treaty on Open Skies,  
12 done at Helsinki March 24, 1992, and entered into  
13 force January 1, 2002.

## 14 **Subtitle F—Matters Relating to the** 15 **Indo-Asia-Pacific Region**

### 16 **SEC. 1251. SENSE OF CONGRESS AND INITIATIVE FOR THE** 17 **INDO-ASIA-PACIFIC REGION.**

18 (a) SENSE OF CONGRESS.—It is the sense of Con-  
19 gress that—

20 (1) the security, stability, and prosperity of the  
21 Indo-Asia-Pacific region are vital to the national in-  
22 terests of the United States;

23 (2) the United States should maintain a mili-  
24 tary capability in the region that is able to project

1 power, deter acts of aggression, and respond, if nec-  
2 essary, to regional threats;

3 (3) the defense of the United States and its al-  
4 lies against North Korean or any other aggression  
5 remains a top priority;

6 (4) continuing efforts by the Department of De-  
7 fense to realign forces, commit additional assets, and  
8 increase investments to the Indo-Asia-Pacific region  
9 are necessary to maintain a robust United States  
10 commitment to the region;

11 (5) the Secretary of Defense should—

12 (A) assess the current United States force  
13 posture in the Indo-Asia-Pacific region to en-  
14 sure that the United States maintains an ap-  
15 propriate forward presence in the region;

16 (B) invest in critical munitions, undersea  
17 warfare capabilities, amphibious capabilities, re-  
18 siliant space architectures, missile defense, of-  
19 fensive and defensive cyber capabilities, and  
20 other capabilities conducive to operating effec-  
21 tively in contested environments; and

22 (C) enhance regional force readiness  
23 through joint training and exercises, consid-  
24 ering contingencies ranging from grey zone to  
25 high-end near-peer conflict;

1           (6) the United States commitment to freedom  
2 of navigation, ensuring free access to sea lanes and  
3 overflights to the United States naval and air forces,  
4 remains a core security interest; and

5           (7) the United States should continue to engage  
6 in the Indo-Asia-Pacific region by strengthening alli-  
7 ances and partnerships, supporting regional institu-  
8 tions and bodies such as the Association of South-  
9 east Asian Nations (ASEAN), building cooperative  
10 security arrangements, addressing shared challenges,  
11 and reinforcing the role of international law, includ-  
12 ing respect for human rights.

13       (b) INDO-ASIA-PACIFIC STABILITY INITIATIVE.—The  
14 Secretary of Defense may carry out a program of activities  
15 to enhance stability in the Indo-Asia-Pacific region that  
16 shall be known as the “Indo-Asia-Pacific Stability Initia-  
17 tive” (in this section referred to as the “Initiative”).

18       (c) ACTIVITIES.—The activities under the Initiative  
19 shall include the following:

20           (1) Activities to increase the presence and capa-  
21 bilities and enhance the posture of the United States  
22 Armed Forces in the Indo-Asia-Pacific region.

23           (2) Bilateral and multilateral military training  
24 and exercises with allies and partner nations in the  
25 Indo-Asia-Pacific region.

1           (3) Activities to improve military and defense  
2 infrastructure, logistics, and access in the Indo-Asia-  
3 Pacific region in order to enhance the responsiveness  
4 and capabilities of the United States Armed Forces  
5 in that region.

6           (4) Activities to enhance the storage and pre-  
7 positioning in the Indo-Asia-Pacific region of equip-  
8 ment of the United States Armed Forces.

9           (5) Activities to build the defense and security  
10 capacity—

11           (A) of the United States Armed Forces in  
12 the Indo-Asia-Pacific region; and

13           (B) of allies and partner nations in the  
14 Indo-Asia-Pacific region, under—

15           (i) section 2282 of title 10, United  
16 States Code, or section 333 of such title,  
17 relating to the authority to build the ca-  
18 pacity of foreign security forces;

19           (ii) section 332 of title 10, United  
20 States Code, relating to defense institution  
21 capacity building for friendly foreign coun-  
22 tries and international and regional organi-  
23 zations;

24           (iii) section 1263 of the National De-  
25 fense Authorization Act for Fiscal Year

1 2016 (10 U.S.C. 2282 note), relating to  
2 the Southeast Asia Maritime Security Ini-  
3 tiative;

4 (iv) section 1206 of the Carl Levin  
5 and Howard P. “Buck” McKeon National  
6 Defense Authorization Act for Fiscal Year  
7 2015 (10 U.S.C. 2282 note), relating to  
8 training of security forces and associated  
9 ministries of foreign countries to promote  
10 respect for the rule of law and human  
11 rights; or

12 (v) any other authority available to  
13 the Secretary of Defense.

14 (d) GENERAL TRANSFER AUTHORITY.—Funds may  
15 only be made available to carry out this section through  
16 the transfer authority provided under section 1001.

17 (e) INITIAL ASSESSMENT OF REQUIREMENTS.—

18 (1) PLAN REQUIRED.—Not later than 90 days  
19 after the date of the enactment of this Act, the Sec-  
20 retary of Defense shall submit to the congressional  
21 defense committees a plan that includes the fol-  
22 lowing:

23 (A) A detailed description of each project  
24 or activity to be carried out under the Initiative,  
25 including any request of the Commander of the

1 United States Pacific Command for support,  
2 urgent operational need, or emergent oper-  
3 ational need.

4 (B) The amount planned to be obligated or  
5 expended on each such project or activity, and  
6 the timeline for such obligation or expenditure.

7 (2) FORM.—The plan required under paragraph  
8 (1) shall be submitted in unclassified form but may  
9 include a classified annex.

10 (f) INDO-ASIA-PACIFIC REGION DEFINED.—In this  
11 subtitle, the term “Indo-Asia-Pacific region” means the  
12 region that falls under the responsibility and jurisdiction  
13 of United States Pacific Command.

14 **SEC. 1252. REPORT ON STRATEGY TO PRIORITIZE UNITED**  
15 **STATES DEFENSE INTERESTS IN THE INDO-**  
16 **ASIA-PACIFIC REGION.**

17 (a) EXTENSION OF DEADLINE FOR STRATEGY.—  
18 Subsection (a) of section 1261 of the National Defense  
19 Authorization Act for Fiscal Year 2016 (Public Law 114–  
20 92; 129 Stat. 1072) is amended in the matter preceding  
21 paragraph (1) by striking “March 1, 2017” and inserting  
22 “March 1, 2018”.

23 (b) REPORT REQUIRED.—Not later than 90 days  
24 after the date on which the President issues the Presi-  
25 dential Policy Directive required under subsection (b) of

1 such section 1261, the Secretary of Defense, in consulta-  
2 tion with the Secretary of State, shall submit to the con-  
3 gressional defense committees, the Committee on Foreign  
4 Relations of the Senate, and the Committee on Foreign  
5 Affairs of the House of Representatives a report that con-  
6 tains a strategy to prioritize United States defense inter-  
7 ests in the Indo-Asia-Pacific region. The strategy shall be  
8 informed by the overall strategy described in subsection  
9 (a) and shall address each of the following:

10 (1) The national security interests of the  
11 United States in the Indo-Asia-Pacific region.

12 (2) The security environment, including threats  
13 to global and regional national security interests of  
14 the United States emanating from the Indo-Asia-Pa-  
15 cific region such as efforts by China to advance na-  
16 tional interests in the region.

17 (3) The primary objectives and priorities in the  
18 Indo-Asia-Pacific region, including—

19 (A) the military missions necessary to ad-  
20 dress threats on the Korean Peninsula;

21 (B) the role of the Department of Defense  
22 in the Indo-Asia-Pacific region regarding secu-  
23 rity challenges posed by China;



1 (C) the primary objectives and priorities  
2 for combating terrorism in the Indo-Asia-Pa-  
3 cific region;

4 (4) Department of Defense plans, force posture,  
5 capabilities, and resources to support United States  
6 national security interests and to address any gaps.

7 (5) The roles of allies, partners, and other  
8 countries in achieving United States defense objec-  
9 tives and priorities.

10 (6) Actions the Department of Defense could  
11 take, in cooperation with other Federal departments  
12 or agencies, to advance United States national secu-  
13 rity interests in the Indo-Asia-Pacific region.

14 (7) Any other matters the Secretary of Defense  
15 determines to be appropriate.

16 (c) FORM.—The report required by subsections (a)  
17 shall be submitted in unclassified form, but may contain  
18 a classified annex.

19 (d) REPEAL.—Section 1251 of the Carl Levin and  
20 Howard P. “Buck” McKeon National Defense Authoriza-  
21 tion Act for Fiscal Year 2015 (Public Law 113–291; 128  
22 Stat. 3570) is hereby repealed.

1 **SEC. 1253. ASSESSMENT OF UNITED STATES FORCE POS-**  
2 **TURE AND BASING NEEDS IN THE INDO-ASIA-**  
3 **PACIFIC REGION.**

4 (a) ASSESSMENT REQUIRED.—

5 (1) IN GENERAL.—The Secretary of Defense  
6 shall conduct an assessment of United States force  
7 posture and basing needs in the Indo-Asia-Pacific  
8 region.

9 (2) ELEMENTS.—The assessment required  
10 under paragraph (1) shall include the following:

11 (A) A review of military requirements  
12 based on operation and contingency plans, sce-  
13 narios, capabilities of potential adversaries, and  
14 any assessed gaps or shortfalls of the Armed  
15 Forces.

16 (B) A review of current United States mili-  
17 tary force posture and deployment plans of the  
18 United States Pacific Command.

19 (C) An analysis of potential future realign-  
20 ments of United States forces in the region, in-  
21 cluding options for strengthening United States  
22 presence, access, readiness, training, exercises,  
23 logistics, and pre-positioning.

24 (D) A discussion of any factors that may  
25 influence the United States posture.

1 (E) Any recommended changes to the  
2 United States posture in the region.

3 (F) Any other matters the Secretary of  
4 Defense determines to be appropriate.

5 (b) REPORT.—

6 (1) IN GENERAL.—Not later than April 1,  
7 2018, the Secretary of Defense shall submit to the  
8 congressional defense committees a report that in-  
9 cludes the assessment required under subsection (a).

10 (2) FORM.—The report required under para-  
11 graph (1) shall be submitted in unclassified form,  
12 but may contain a classified annex.

13 **SEC. 1254. PLAN TO ENHANCE THE EXTENDED DETER-**  
14 **RENCE AND ASSURANCE CAPABILITIES OF**  
15 **THE UNITED STATES IN THE ASIA-PACIFIC**  
16 **REGION.**

17 (a) FINDING.—Congress recognizes that Democratic  
18 People's Republic of Korea successful test of an interconti-  
19 nental ballistic missile (ICBM) and nuclear explosive tests  
20 constitute a grave and imminent threat to United States  
21 security and to the security of United States allies and  
22 partners in the Asia-Pacific region.

23 (b) SENSE OF CONGRESS.—It is the sense of Con-  
24 gress that—

1           (1) the nuclear and missile program of North  
2           Korea is one of the most dangerous national security  
3           threats facing the United States today and the de-  
4           fense of the Republic of Korea and Japan must re-  
5           main a top priority for the administration;

6           (2) given the threat posed by North Korea to  
7           our allies, the United States maintains an unwaver-  
8           ing and steadfast commitment to the policy of ex-  
9           tended deterrence, especially with respect to South  
10          Korea and Japan;

11          (3) the Department of Defense's Nuclear Pos-  
12          ture Review that is to be completed in 2017 should  
13          fully consider—

14                 (A) the perspectives of key allies and part-  
15                 ners of the United States in the Asia-Pacific re-  
16                 gion; and

17                 (B) actions to reassure South Korea and  
18                 Japan of the enduring commitment of the  
19                 United States to provide its full range of defen-  
20                 sive capabilities;

21          (4) bilateral extended deterrence dialogues and  
22          discussions with South Korea and Japan are of  
23          great value to the United States and its allies and  
24          partners in the Asia-Pacific region and must remain  
25          a central component of these relationships;

1           (5) the United States must sustain and mod-  
2           ernize current United States nuclear capabilities to  
3           ensure the extended deterrence commitments of the  
4           United States remain credible and executable; and

5           (6) the timely development, production, and de-  
6           ployment of modern nuclear-capable aircraft are fun-  
7           damental to ensure that the United States remains  
8           able to meet extended deterrence requirements in the  
9           Asia-Pacific region far into the future.

10          (c) PLAN.—Not later than 30 days after the date of  
11          the enactment of this Act, the Secretary of Defense, in  
12          consultation with the Commander of the United States  
13          Pacific Command and the Commander of the United  
14          States Strategic Command, shall submit to the congres-  
15          sional defense committees a plan to enhance the extended  
16          deterrence and assurance capabilities of the United States  
17          in the Asia-Pacific region.

18          (d) MATTERS TO BE INCLUDED.—Such plan shall in-  
19          clude consideration of actions that will enhance United  
20          States security by strengthening deterrence of North Ko-  
21          rean aggression and providing increased assurance to  
22          United States allies in the Asia-Pacific region, including  
23          the following:

24                  (1) Increased visible presence of key United  
25                  States military assets, such as missile defenses, long-

1 range strike assets, and intermediate-range strike  
2 assets to the region.

3 (2) Increased military cooperation, exercises,  
4 and integration of defenses with allies in the region.

5 (3) Increased foreign military sales to allies in  
6 the region.

7 (4) Planning for, exercising, or deploying dual-  
8 capable aircraft to the region.

9 (5) Any necessary modifications to the United  
10 States nuclear force posture, including re-deploy-  
11 ment of submarine-launched nuclear cruise missiles  
12 to the region.

13 (6) Such other actions the Secretary considers  
14 appropriate to strengthen extended deterrence and  
15 assurance in the region.

16 (e) FORM.—Such plan shall be submitted in unclassi-  
17 fied form, but may contain a classified annex.

18 (f) RULE OF CONSTRUCTION.—Nothing in this sec-  
19 tion may be construed to alter the shared goal of the  
20 United States, South Korea, and Japan for a  
21 denuclearized Korean Peninsula.

1 **SEC. 1255. SENSE OF CONGRESS REAFFIRMING SECURITY**  
2 **COMMITMENTS TO THE GOVERNMENTS OF**  
3 **JAPAN AND SOUTH KOREA AND TRILATERAL**  
4 **COOPERATION BETWEEN THE UNITED**  
5 **STATES, JAPAN, AND SOUTH KOREA.**

6 It is the sense of Congress that—

7 (1) the United States values its alliances with  
8 the Governments of Japan and the Republic of  
9 Korea, based on shared values of democracy, the  
10 rule of law, free and open markets, and respect for  
11 human rights;

12 (2) the United States reaffirms its commitment  
13 to these alliances with Japan and South Korea,  
14 which are cornerstones for the preservation of peace  
15 and stability in the Indo-Asia-Pacific region and  
16 throughout the world;

17 (3) the United States recognizes the substantial  
18 financial commitments of Japan and South Korea to  
19 the maintenance of United States forces in these  
20 countries, making them among the most significant  
21 burden-sharing partners of the United States;

22 (4) the United States, South Korea, and Japan  
23 are indispensable partners in tackling global chal-  
24 lenges, including combating the proliferation of  
25 weapons of mass destruction, preventing piracy, as-  
26 sisting the victims of conflict and disaster worldwide,

1       safeguarding maritime security, and ensuring free-  
2       dom of navigation, commerce, and overflight in the  
3       Indo-Asia-Pacific region;

4             (5) the United States reaffirms its commitment  
5       to Article V of the Treaty of Mutual Cooperation  
6       and Security between the United States of America  
7       and Japan, which applies to the Japanese-adminis-  
8       tered Senkaku Islands;

9             (6) although the United States Government  
10       does not take a position on sovereignty of the  
11       Senkaku Islands, the United States acknowledges  
12       that the islands are under the administration of  
13       Japan and opposes any unilateral actions that would  
14       seek to undermine their administration by Japan,  
15       and any such unilateral actions of a third party will  
16       not affect United States' acknowledgement of the  
17       administration of Japan over the Senkaku Islands;

18            (7) the United States supports continued  
19       strengthening of defense cooperation with Japan in  
20       accordance with the 2015 U.S.-Japan Defense  
21       Guidelines and additional measures to strengthen  
22       this defense cooperation, including by expanding for-  
23       eign military sales, establishing new cooperative  
24       technology development programs, increasing mili-  
25       tary exercises, or other actions as appropriate;



1           (8) the United States and South Korea share  
2           deep concerns that the nuclear and ballistic missile  
3           programs of North Korea and its repeated provo-  
4           cations pose great threats to peace and stability on  
5           the Korean Peninsula, and the United States recog-  
6           nizes that South Korea has made important commit-  
7           ments to the bilateral security alliance, including by  
8           hosting a Terminal High Altitude Area Defense  
9           (THAAD) system;

10           (9) the United States and South Korea should  
11           continue further defense cooperation, by enhancing  
12           mutual security based on the Mutual Defense Treaty  
13           between the United States and the Republic of  
14           Korea and investing in capabilities critical to the  
15           combined defense;

16           (10) the United States should closely consult  
17           and coordinate with South Korea on measures to  
18           strengthen the alliance and defend against provo-  
19           cations committed by the North Korean regime;

20           (11) the United States welcomes greater secu-  
21           rity cooperation with, and among, Japan and South  
22           Korea to promote mutual interests and address  
23           shared concerns, including the bilateral military in-  
24           telligence-sharing pact between Japan and South  
25           Korea, signed on November 23, 2016, and the tri-

1 lateral intelligence sharing agreement between the  
2 United States, Japan, and South Korea, signed on  
3 December 29, 2015; and

4 (12) recognizing that North Korea poses a  
5 threat to each of the United States, Japan, and  
6 South Korea, and that the security of the three  
7 countries is intertwined, the United States welcomes  
8 and encourages deeper trilateral defense coordina-  
9 tion and cooperation, including through expanded  
10 exercises, training, and information sharing that  
11 strengthens integration.

12 **SEC. 1256. STRATEGY ON NORTH KOREA.**

13 (a) REPORT ON STRATEGY REQUIRED.—Not later  
14 than 90 days after the date of the enactment of this Act,  
15 the President shall submit to Congress a report setting  
16 forth the strategy of the United States with respect to  
17 North Korea.

18 (b) ELEMENTS.—The report required by subsection  
19 (a) shall include the following:

20 (1) A description and assessment of the pri-  
21 mary threats to United States national security in-  
22 terests from North Korea.

23 (2) A description of known foreign nation, for-  
24 eign entity, or individual violations of current United  
25 Nations sanctions against North Korea, together

1 with parameters for determining whether and on  
2 what timeline it serves United States interests to  
3 target such violators with unilateral secondary sanc-  
4 tions.

5 (3) A description of the diplomatic, economic,  
6 and trade relationships between China and North  
7 Korea and between Russia and North Korea, includ-  
8 ing trends in such relationships and their impact on  
9 the Government of North Korea.

10 (4) An identification of the diplomatic, eco-  
11 nomic, and security objectives for the Korean Penin-  
12 sula and the desired end state in North Korea with  
13 respect to the security threats emanating from  
14 North Korea.

15 (5) A detailed roadmap to reach the objectives  
16 and end state identified pursuant to paragraph (4),  
17 including timelines for each element of the roadmap.

18 (6) A description of the unilateral and multilat-  
19 eral options available to the United States regarding  
20 North Korea, together with an assessment of the de-  
21 gree to which such options would impose costs on  
22 North Korea.

23 (7) A description of the resources and authori-  
24 ties necessary to carry out the roadmap described in  
25 paragraph (5).

1 (8) A description of operational plans and asso-  
2 ciated military requirements for the protection of  
3 United States interests with respect to North Korea.

4 (9) An identification of any capability or re-  
5 source gaps that would affect the implementation of  
6 the strategy described in subsection (a), and a miti-  
7 gation plan to address such gaps.

8 (10) An assessment of current and desired  
9 partner contributions to countering threats from  
10 North Korea, and a plan to enhance cooperation  
11 among countries with shared security interests with  
12 respect to North Korea.

13 (11) Any other matters the President considers  
14 appropriate.

15 (c) ANNUAL UPDATES.—The President shall submit  
16 to Congress in writing on an annual basis a report describ-  
17 ing and assessing progress in the implementation of the  
18 strategy described in subsection (a).

19 (d) FORM.—The report under subsection (a) and  
20 each report under subsection (c) shall be submitted in un-  
21 classified form, but may include a classified annex.

22 **SEC. 1257. NORTH KOREAN NUCLEAR INTERCONTINENTAL**  
23 **BALLISTIC MISSILES.**

24 Not later than 180 days after the date of the enact-  
25 ment of this Act, the Secretary of Defense shall provide

1 to the congressional defense committees a briefing on the  
2 hazards or risks posed directly or indirectly by the nuclear  
3 ambitions of North Korea, focusing upon—

4 (1) the development and deployment of inter-  
5 continental ballistic missiles or nuclear weapons;

6 (2) the consequences to the United States, the  
7 interests of the United States, and allies of the  
8 United States of North Korea’s nuclear and missile  
9 programs;

10 (3) a plan to deter and defend against such  
11 threats from North Korea;

12 (4) protecting vital interest and capabilities of  
13 the United States in space from such threats from  
14 North Korea; and

15 (5) the potential damage or destruction caused  
16 by electromagnetic pulse weapons.

17 **SEC. 1258. ADVANCEMENTS IN DEFENSE COOPERATION BE-**  
18 **TWEEN THE UNITED STATES AND INDIA.**

19 (a) IN GENERAL.—Section 1292(a) of the National  
20 Defense Authorization Act for the Fiscal Year 2017 (Pub-  
21 lic Law 114–328; 130 Stat. 2559; 22 U.S.C. 2751 note)  
22 is amended—

23 (1) in paragraph (1)—

24 (A) in subparagraph (E), by inserting be-  
25 fore the semicolon at the end the following: “,

1 and to advance the Communications Interoper-  
2 ability and Security Memorandum of Agreement  
3 and The Basic Exchange and Cooperation  
4 Agreement for Geospatial Cooperation”;

5 (B) in subparagraph (H), by striking  
6 “and” at the end;

7 (C) in subparagraph (I), by striking the  
8 period at the end and inserting “, including  
9 common security, and to enhance role of United  
10 States partners and allies in the defense rela-  
11 tionship between the United States and India;”;  
12 and

13 (D) by adding at the end the following new  
14 subparagraphs:

15 “(J) support joint exercises, operations,  
16 and patrols and mutual defense planning with  
17 India;

18 “(K) work with representatives of the Gov-  
19 ernment of the Islamic Republic of Afghanistan  
20 and the Government of India to promote sta-  
21 bility and development in Afghanistan; and

22 “(L) support such other matters with re-  
23 spect to defense and security cooperation with  
24 India that the Secretary of Defense or the Sec-  
25 retary of State consider appropriate.”;

1           (2) in paragraph (2), by adding at the end the  
2 following new sentence: “The report shall also in-  
3 clude a forward-looking strategy on enhancing de-  
4 fense and security cooperation with India.”; and

5           (3) by adding at the end the following new  
6 paragraph:

7           “(3) REPORT FORM.—The report required by  
8 paragraph (2) shall be submitted in unclassified  
9 form, but may include a classified annex.”.

10          (b) INTERAGENCY DEFINITION OF INDIA AS MAJOR  
11 DEFENSE PARTNER.—The Secretary of Defense, the Sec-  
12 retary of State, and the Secretary of Commerce shall joint-  
13 ly produce a common definition that recognizes India’s  
14 status as a “Major Defense Partner” for joint use by the  
15 Department of Defense, the Department of State, and the  
16 Department of Commerce.

17          (c) RESPONSIBILITY FOR ENHANCED COOPERA-  
18 TION.—

19           (1) DESIGNATION OF RESPONSIBLE INDI-  
20 VIDUAL.—Not later than 90 days after the date of  
21 the enactment of this Act, the Secretary of Defense  
22 and the Secretary of State jointly shall make the  
23 designation required by paragraph (1)(B) of section  
24 1292(a) of the National Defense Authorization Act  
25 for Fiscal Year 2017.

1           (2) ADDITIONAL DUTIES.—Paragraph (1)(B) of  
2           section 1292(a) of the National Defense Authoriza-  
3           tion Act for Fiscal Year 2017 is amended—

4                   (A) in clause (i), by striking “and” at the  
5           end;

6                   (B) in clause (ii), by adding “and” at the  
7           end; and

8                   (C) by adding at the end the following new  
9           clause:

10                           “(iii) to promote United States de-  
11                           fense trade with India for the benefit of  
12                           job creation and commercial competitive-  
13                           ness in the United States;”.

14           (3) BRIEFINGS.—Not later than 90 days after  
15           the date of the enactment of this Act, and every year  
16           thereafter, appropriate officials of the Office of the  
17           Secretary of Defense and appropriate officials of the  
18           Department of State shall brief the appropriate com-  
19           mittees of Congress on the actions of the Depart-  
20           ment of Defense and the Department of State, re-  
21           spectively, to promote defense cooperation between  
22           the United States and India and the duties specified  
23           in paragraph (1)(B) of section 1292(a) of the Na-  
24           tional Defense Authorization Act for Fiscal Year  
25           2017 (as amended by paragraph (2) of this sub-



1 section). The requirement for briefings under this  
2 paragraph shall cease on the date of the designation  
3 of an individual pursuant to paragraph (1).

4 (4) APPROPRIATE COMMITTEES OF CONGRESS  
5 DEFINED.—In this subsection, the term “appro-  
6 priate committees of Congress” means—

7 (A) the Committee on Armed Services and  
8 the Committee on Foreign Relations of the Sen-  
9 ate; and

10 (B) the Committee on Armed Services and  
11 the Committee on Foreign Affairs of the House  
12 of Representatives.

13 **SEC. 1259. STRENGTHENING THE DEFENSE PARTNERSHIP**  
14 **BETWEEN THE UNITED STATES AND TAIWAN.**

15 (a) STATEMENT OF POLICY.—It is the policy of the  
16 United States to reinforce its commitments to Taiwan  
17 under the Taiwan Relations Act and consistent with the  
18 “Six Assurances” as both governments work to improve  
19 Taiwan’s self-defense capability.

20 (b) SENSE OF CONGRESS.—It is the sense of Con-  
21 gress that the United States should—

22 (1) strengthen and enhance its longstanding  
23 partnership and cooperation with Taiwan;

24 (2) conduct regular transfers of defense articles  
25 and defense services necessary to enable Taiwan to

1 maintain a sufficient self-defense capability, based  
2 solely on the needs of Taiwan;

3 (3) invite the military forces of Taiwan to par-  
4 ticipate in military exercises, such as the “Red  
5 Flag” exercises;

6 (4) carry out a program of exchanges of senior  
7 military officers and senior officials with Taiwan to  
8 improve military-to-military relations, as expressed  
9 in section 1284 of the National Defense Authoriza-  
10 tion Act for Fiscal Year 2017 (Public Law 114–328;  
11 130 Stat. 2544);

12 (5) support expanded exchanges focused on  
13 practical training for Taiwan personnel by and with  
14 United States military units, including exchanges  
15 among services;

16 (6) conduct bilateral naval exercises, to include  
17 pre-sail conferences, in the western Pacific Ocean  
18 with the Taiwan navy; and

19 (7) consider the advisability and feasibility of  
20 reestablishing port of call exchanges between the  
21 United States navy and the Taiwan navy.

22 **SEC. 1259A. NORMALIZING THE TRANSFER OF DEFENSE AR-**  
23 **TICLES AND DEFENSE SERVICES TO TAIWAN.**

24 (a) SENSE OF CONGRESS.—It is the sense of Con-  
25 gress that any requests from the Government of Taiwan

1 for defense articles and defense services should receive a  
2 case-by-case review by the Secretary of Defense, in con-  
3 sultation with the Secretary of State, that is consistent  
4 with the standard processes and procedures in an effort  
5 to normalize the arms sales process with Taiwan.

6 (b) REPORT.—

7 (1) IN GENERAL.—Not later than 120 days  
8 after the date on which the Secretary of Defense re-  
9 ceives a Letter of Request from Taiwan with respect  
10 to the transfer of a defense article or defense service  
11 to Taiwan, the Secretary, in consultation with the  
12 Secretary of State, shall submit to the appropriate  
13 congressional committees a report that includes—

14 (A) the status of such request;

15 (B) if the transfer of such article or service  
16 would require a certification or report to Con-  
17 gress pursuant to any applicable provision of  
18 section 36 of the Arms Export Control Act (22  
19 U.S.C. 2776), the status of any Letter of Offer  
20 and Acceptance the Secretary of Defense in-  
21 tends to issue with respect to such request; and

22 (C) an assessment of whether the transfer  
23 of such article or service would be consistent  
24 with United States obligations under the Tai-

1 wan Relations Act (Public Law 96–8; 22 U.S.C.  
2 3301 et seq.).

3 (2) ELEMENTS.—Each report required under  
4 paragraph (1) shall specify the following:

5 (A) The date the Secretary of Defense re-  
6 ceived the Letter of Request.

7 (B) The value of the sale proposed by such  
8 Letter of Request.

9 (C) A description of the defense article or  
10 defense service proposed to be transferred.

11 (D) The view of the Secretary of Defense  
12 with respect to such proposed sale and whether  
13 such sale would be consistent with United  
14 States defense initiatives with Taiwan.

15 (3) FORM.—Each report required under para-  
16 graph (1) shall be submitted in unclassified form but  
17 may contain a classified annex.

18 (c) BRIEFING.—Not later than 180 days after the  
19 date of the enactment of this Act, and every 180 days  
20 thereafter, the Secretary of Defense, in coordination with  
21 the Secretary of State, shall provide a briefing to the ap-  
22 propriate congressional committees with respect to the se-  
23 curity challenges faced by Taiwan and the military co-  
24 operation between the United States and Taiwan, includ-  
25 ing a description of any requests from Taiwan for the

1 transfer of defense articles or defense services and the sta-  
2 tus, whether signed or unsigned, of any Letters of Offer  
3 and Acceptance with respect to such requests.

4 (d) DEFINITIONS.—In this section:

5 (1) APPROPRIATE CONGRESSIONAL COMMIT-  
6 TEES.—The term “appropriate congressional com-  
7 mittees” means—

8 (A) the Committee on Armed Services and  
9 the Committee on Foreign Affairs of the House  
10 of Representatives; and

11 (B) the Committee on Armed Services and  
12 the Committee on Foreign Relations of the Sen-  
13 ate.

14 (2) DEFENSE ARTICLE; DEFENSE SERVICE.—  
15 The terms “defense article” and “defense service”  
16 have the meanings given such terms in section 47 of  
17 the Arms Export Control Act (22 U.S.C. 2794).

18 (3) LETTER OF REQUEST; LETTER OF OFFER  
19 AND ACCEPTANCE.—The terms “Letter of Request”  
20 and “Letter of Offer and Acceptance” have the  
21 meanings given such terms for purposes of Chapter  
22 5 of the Security Assistance Management Manual of  
23 the Defense Security Cooperation Agency, as in ef-  
24 fect on the date of the enactment of this Act.

1 **SEC. 1259B. ASSESSMENT ON UNITED STATES DEFENSE IM-**  
2 **PLICATIONS OF CHINA'S EXPANDING GLOBAL**  
3 **ACCESS.**

4 (a) ASSESSMENT.—

5 (1) IN GENERAL.—The Secretary of Defense, in  
6 consultation with the Secretary of State, shall assess  
7 the foreign military and non-military activities of the  
8 People's Republic of China that could affect the re-  
9 gional and global national security and defense in-  
10 terests of the United States.

11 (2) ELEMENTS.—The assessment required by  
12 paragraph (1) shall evaluate the following:

13 (A) The expansion by China of military  
14 and non-military means in the Indo-Asia-Pacific  
15 region and globally, including influence cam-  
16 paigns, loans, access to military equipment,  
17 military training, tourism, media, investment  
18 projects, infrastructure, and access to foreign  
19 ports and military bases, and whether such  
20 means could affect United States national secu-  
21 rity or defense interests, including operational  
22 access.

23 (B) The implications, if any, of such  
24 means for the military force posture, access,  
25 training, and logistics of both the United States  
26 and China.

1 (C) The United States strategy and policy  
2 for mitigating any harmful effects resulting  
3 from such means.

4 (D) The resources required to implement  
5 such strategy and policy, and the plan to ad-  
6 dress and mitigate any gaps in capabilities or  
7 resources necessary for such implementation of  
8 the policy and strategy.

9 (E) Measures to bolster the roles of allies,  
10 partners, and other countries to implement such  
11 strategy and policy.

12 (F) Any other matters the Secretary of  
13 Defense or the Secretary of State determines to  
14 be appropriate.

15 (3) REPORT REQUIRED.—

16 (A) IN GENERAL.—Not later than 120  
17 days after the date of the enactment of this  
18 Act, the Secretary of Defense, in coordination  
19 with the Secretary of State, shall submit to the  
20 congressional defense committees, the Com-  
21 mittee on Foreign Relations of the Senate, and  
22 the Committee on Foreign Affairs of the House  
23 of Representatives a report on the assessment  
24 required under subsection (b).

1 (B) FORM.—The report required by this  
2 paragraph shall be submitted in unclassified  
3 form, but may contain a classified annex.

4 **SEC. 1259C. AGREEMENT SUPPLEMENTAL TO COMPACT OF**  
5 **FREE ASSOCIATION WITH PALAU.**

6 (a) APPROVAL OF AGREEMENT SUPPLEMENTAL TO  
7 COMPACT.—

8 (1) IN GENERAL.—Subject to the availability of  
9 appropriations that meet the total financial obliga-  
10 tions for such purpose, the Compact Review Agree-  
11 ment and appendices signed by the United States  
12 and the Republic of Palau on September 3, 2010, in  
13 connection with section 432 of the Compact of Free  
14 Association with Palau (Public Law 99–658; 48  
15 U.S.C. 1931 note) are approved.

16 (2) FUNDING SCHEDULE.—The Compact Re-  
17 view Agreement includes a funding schedule that is  
18 to be modified by the parties to the Compact Review  
19 Agreement, and such funding schedule (as so modi-  
20 fied) is approved. The Compact Review Agreement,  
21 appendices, and funding schedule (as so modified)  
22 are referred to hereinafter as the “Agreement”.

23 (b) STATUS OF PRIOR YEAR PAYMENTS.—Amounts  
24 provided to the Government of Palau by the Government  
25 of the United States in fiscal years 2011 through 2017



1 shall also be considered as funding to implement the  
2 Agreement.

3 (c) EXTENSION OF EFFECTIVE DATE.—Section  
4 105(f)(1)(B)(ix) of the Compact of Free Association  
5 Amendments Act of 2003 (48 U.S.C. 1921d(f)(1)(B)(ix))  
6 is amended by striking “2009” and inserting “2024”.

7 **SEC. 1259D. STUDY ON UNITED STATES INTERESTS IN THE**  
8 **FREELY ASSOCIATED STATES.**

9 (a) STUDY REQUIRED.—The Secretary of Defense  
10 shall enter into an agreement with an appropriate inde-  
11 pendent entity to conduct a study and assessment of  
12 United States security and foreign policy interests in the  
13 Freely Associated States of the Republic of Palau, the Re-  
14 public of the Marshall Islands, and the Federated States  
15 of Micronesia.

16 (b) ELEMENTS.—The study required pursuant to  
17 subsection (a) shall address the following:

18 (1) The role of the Compacts of Free Associa-  
19 tion in promoting United States defense and foreign  
20 policy interests, including the United States defense  
21 posture and plans.

22 (2) The status of the obligations of the United  
23 States and the Freely Associated States under the  
24 Compacts of Free Association.

1           (3) The economic assistance practices of the  
2       People's Republic of China in the Freely Associated  
3       States, and the implications of such practices for  
4       United States defense and foreign policy interests in  
5       the Freely Associated States and the Pacific region.

6           (4) The economic assistance practices of other  
7       countries in the Freely Associated States, as deter-  
8       mined by the Comptroller General, and the implica-  
9       tions of such practices for United States defense and  
10      foreign policy interests in the Freely Associated  
11      States and the Pacific region.

12          (5) Any other matters the Secretary considers  
13      appropriate for purposes of the study.

14      (c) DEPARTMENT OF DEFENSE SUPPORT.—The Sec-  
15      retary shall provide the entity conducting the study pursu-  
16      ant to subsection (a) with timely access to appropriate in-  
17      formation, data, resources, and analysis so that the entity  
18      may conduct a thorough and independent assessment of  
19      the matters covered by the study, including the matters  
20      specified in subsection (b).

21      (d) REPORT.—

22          (1) IN GENERAL.—Not later than December 1,  
23      2018, the Secretary shall submit to the congress-  
24      sional defense committees a report setting forth the

1 results of the study conducted pursuant to sub-  
2 section (a).

3 (2) FORM.—The report required by paragraph  
4 (1) shall be submitted in unclassified for, but may  
5 include a classified annex.

## 6 **Subtitle G—Reports**

### 7 **SEC. 1261. MODIFICATION OF ANNUAL REPORT ON MILI- 8 TARY AND SECURITY DEVELOPMENTS IN- 9 VOLVING THE PEOPLE’S REPUBLIC OF 10 CHINA.**

11 Subsection (b) of section 1202 of the National De-  
12 fense Authorization Act for Fiscal Year 2000 (Public Law  
13 106–65; 10 U.S.C. 113 note), as most recently amended  
14 by section 1271 of the National Defense Authorization Act  
15 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
16 2538), is further amended by adding at the end the fol-  
17 lowing:

18 “(23) Any Chinese laws, regulations, or policies  
19 that could jeopardize the economic security of the  
20 United States.”.

### 21 **SEC. 1262. MODIFICATIONS TO ANNUAL UPDATE OF DE- 22 PARTMENT OF DEFENSE FREEDOM OF NAVI- 23 GATION OPERATIONS REPORT.**

24 (a) IN GENERAL.—

1           (1) SCOPE OF REPORT.—Subsection (a) of sec-  
2           tion 1275 of the National Defense Authorization Act  
3           for Fiscal Year 2017 (Public Law 114–328; 130  
4           Stat. 2540) is amended by inserting “or have not  
5           been so challenged” after “international law”.

6           (2) UNCHALLENGED CLAIMS.—Subsection (b)  
7           of such section 1275 is amended by adding at the  
8           end the following:

9           “(4) For each country identified under para-  
10          graph (1), the types of any excessive maritime  
11          claims by such country that have not been chal-  
12          lenged by the United States under the program re-  
13          ferred to in subsection (a).

14          “(5) A list of each country, other than a coun-  
15          try identified under paragraph (1), making excessive  
16          maritime claims that have not been challenged by  
17          the United States under the program referred to in  
18          subsection (a) and the types and natures of such  
19          claims.”.

20          (b) EFFECTIVE DATE.—The amendments made sub-  
21          section (a) take effect of the date of the enactment of this  
22          Act and apply with respect to each report required to be  
23          submitted under section 1275 of the National Defense Au-  
24          thorization Act for Fiscal Year 2017 on or after such date  
25          of enactment.

1 **SEC. 1263. REPORT ON STRATEGY TO DEFEAT AL-QAEDA,**  
2 **THE TALIBAN, THE ISLAMIC STATE OF IRAQ**  
3 **AND SYRIA (ISIS), AND THEIR ASSOCIATED**  
4 **FORCES AND CO-BELLIGERENTS.**

5 (a) IN GENERAL.—Not later than 90 days after the  
6 date of the enactment of this Act, the President shall sub-  
7 mit to the appropriate congressional committees a report  
8 on the United States strategy to defeat Al-Qaeda, the  
9 Taliban, the Islamic State of Iraq and Syria (ISIS), and  
10 their associated forces and co-belligerents.

11 (b) ELEMENTS.—The report required under sub-  
12 section (a) shall include the following:

13 (1) An analysis of the adequacy of the existing  
14 legal framework to accomplish the strategy described  
15 in subsection (a), particularly with respect to the  
16 Authorization for Use of Military Force (Public Law  
17 107–40; 50 U.S.C. 1541 note) and the Authoriza-  
18 tion for Use of Military Force Against Iraq Resolu-  
19 tion of 2002 (Public Law 107–243; 50 U.S.C. 1541  
20 note).

21 (2) An analysis of the estimated defense and  
22 non-defense budgetary resources through fiscal year  
23 2022 necessary to accomplish the strategy described  
24 in subsection (a).

1 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
2 FINED.—In this section, the term “appropriate congres-  
3 sional committees” means—

- 4 (1) the congressional defense committees; and  
5 (2) the Committee on Foreign Relations of the  
6 Senate and the Committee on Foreign Affairs of the  
7 House of Representatives.

8 **SEC. 1264. REPORT ON AND NOTICE OF CHANGES MADE TO**  
9 **THE LEGAL AND POLICY FRAMEWORKS FOR**  
10 **THE UNITED STATES’ USE OF MILITARY**  
11 **FORCE AND RELATED NATIONAL SECURITY**  
12 **OPERATIONS.**

13 (a) INITIAL REPORT.—

14 (1) IN GENERAL.—Not later than 90 days after  
15 the date of the enactment of this Act, the President  
16 shall submit to the appropriate congressional com-  
17 mittees a report on the legal and policy frameworks  
18 for the United States’ use of military force and re-  
19 lated national security operations.

20 (2) MATTERS TO BE INCLUDED.—The report  
21 required by paragraph (1) shall include the legal,  
22 factual, and policy justifications for any changes  
23 made to such legal and policy frameworks during the  
24 period beginning on January 20, 2017, and ending  
25 on the date the report is submitted.

1 (b) NOTICE REQUIRED.—Not later than 30 days  
2 after the date on which a change is made to the legal and  
3 policy frameworks described in subsection (a)(1), the  
4 President shall notify the appropriate congressional com-  
5 mittees of such change, including the legal, factual, and  
6 policy justification for such change.

7 (c) FORM.—The report required by subsection (a)  
8 and each notice required by subsection (b) shall be sub-  
9 mitted in unclassified form, but may contain a classified  
10 annex.

11 (d) APPROPRIATE CONGRESSIONAL COMMITTEES  
12 DEFINED.—In this section, the term “appropriate con-  
13 gressional committees” means—

14 (1) the Committee on Armed Services, the  
15 Committee on Appropriations, the Committee on  
16 Foreign Relations, and the Select Committee on In-  
17 telligence of the Senate; and

18 (2) the Committee on Armed Services, the  
19 Committee on Appropriations, the Committee on  
20 Foreign Affairs, and the Permanent Select Com-  
21 mittee on Intelligence of the House of Representa-  
22 tives.

1 **SEC. 1265. REPORT ON MILITARY ACTION OF SAUDI ARABIA**  
2 **AND ITS COALITION PARTNERS IN YEMEN.**

3 (a) IN GENERAL.—Not later than 180 days after the  
4 date of the enactment of this Act, and annually thereafter  
5 for 2 years, the Secretary of Defense and the Secretary  
6 of State shall jointly submit to the appropriate congres-  
7 sional committees a report on military action of Saudi  
8 Arabia and its coalitions partners in Yemen.

9 (b) MATTERS TO BE INCLUDED.—The report re-  
10 quired by subsection (a) shall include a description of the  
11 following:

12 (1) The extent to which the Government of  
13 Saudi Arabia and its coalition partners in Yemen  
14 are taking demonstrable actions to—

15 (A) reduce the risk of harm to civilians  
16 and civilian objects, in compliance with obliga-  
17 tions under international humanitarian law, in-  
18 cluding by minimizing harm to civilians, dis-  
19 criminating between civilian objects and mili-  
20 tary objectives, and exercising proportional use  
21 of force;

22 (B) facilitate the flow of humanitarian aid  
23 and commercial goods into Yemen, including  
24 commercial fuel and commodities not subject to  
25 sanction or prohibition under United Nations  
26 Security Council Resolution 2216 (2015); and



1 (C) target al Qaeda in the Arabian Penin-  
2 sula and affiliates of the Islamic State of Iraq  
3 and Syria as part of the coalition's military op-  
4 erations in Yemen.

5 (2) The role of United States military personnel  
6 with respect to operations of such coalition partners  
7 in Yemen.

8 (3) Progress made by the Government of Saudi  
9 Arabia and its coalition partners in avoiding and in-  
10 vestigating, if necessary, civilian casualties, including  
11 improvements to—

12 (A) targeting methodology;

13 (B) the strike approval process; and

14 (C) training of personnel, including by im-  
15 plementing the recommendations of the Joint  
16 Incident Assessment Team.

17 (4) Progress made to support implementation  
18 of the provisions of United Nations Security Council  
19 Resolution 2216 (2015) that call for the observance  
20 of applicable international humanitarian and human  
21 rights laws and the unimpeded provision of humani-  
22 tarian assistance to those in need in Yemen.

23 (5) Any other matters the Secretary of Defense  
24 and the Secretary of State determine to be relevant.

1 (c) FORM.—The report required by subsection (a)  
2 shall be submitted in unclassified form, but may contain  
3 a classified annex.

4 (d) APPROPRIATE CONGRESSIONAL COMMITTEES  
5 DEFINED.—In this section, the term “appropriate con-  
6 gressional committees” means—

7 (1) the congressional defense committees; and

8 (2) the Committee on Foreign Affairs of the  
9 House of Representatives and the Committee on  
10 Foreign Relations of the Senate.

11 **SEC. 1266. SUBMITTAL OF DEPARTMENT OF DEFENSE SUP-**  
12 **PLEMENTAL AND COST OF WAR EXECUTION**  
13 **REPORTS ON QUARTERLY BASIS.**

14 Subsection (c) of section 1221 of the National De-  
15 fense Authorization Act for Fiscal Year 2006 (10 U.S.C.  
16 113 note) is amended to read as follows:

17 “(c) QUARTERLY SUBMITTAL TO CONGRESS AND  
18 GAO OF CERTAIN REPORTS ON COSTS.—Not later than  
19 45 days after the end of each fiscal year quarter, the Sec-  
20 retary of Defense shall submit to the congressional defense  
21 committees and the Comptroller General of the United  
22 States the Department of Defense Supplemental and Cost  
23 of War Execution report for such fiscal year quarter.”.

1 **SEC. 1267. CONSOLIDATION OF REPORTS ON UNITED**  
2 **STATES ARMED FORCES, CIVILIAN EMPLOY-**  
3 **EES, AND CONTRACTORS DEPLOYED IN SUP-**  
4 **PORT OF OPERATION INHERENT RESOLVE,**  
5 **OPERATION FREEDOM'S SENTINEL, AND AS-**  
6 **SOCIATED AND SUCCESSOR OPERATIONS.**

7 (a) **REPORTS REQUIRED.**—Not later than 30 days  
8 after the date of the enactment of this Act, and every 90  
9 days thereafter, the Secretary of Defense shall submit to  
10 the congressional defense committees a report on United  
11 States Armed Forces, Department of Defense civilian em-  
12 ployees, and Department of Defense contractor employees  
13 deployed in support of the following:

14 (1) Operation Inherent Resolve.

15 (2) Operation Freedom's Sentinel.

16 (3) Any operation associated with, or successor  
17 to, an operation referred to in paragraph (1) or (2).

18 (b) **ELEMENTS.**—Each report under subsection (a)  
19 shall include the following:

20 (1) The number of members of the United  
21 States Armed Forces, set forth by Armed Force and  
22 component (whether regular, National Guard, or Re-  
23 serve), Department of Defense civilian employees,  
24 and Department of Defense contractor employees  
25 deployed in support of the operations covered by  
26 subsection (a) for the most recent month for which

1 data is available, and a description of the functions  
2 performed by such deployed personnel.

3 (2) An estimate for the 3-month period fol-  
4 lowing the date on which the report is submitted of  
5 the total number of members of the United States  
6 Armed Forces, set forth by Armed Force and com-  
7 ponent (whether regular, National Guard, or Re-  
8 serve), Department civilian employees, and Depart-  
9 ment contractor employees to be deployed in support  
10 of the operations covered by subsection (a), and a  
11 description of the functions to be performed by such  
12 deployed personnel during such period.

13 (3) A description of any limitations on the  
14 number of United States Armed Forces, Department  
15 civilian employees, and Department contractor em-  
16 ployees deployed in support of the operations covered  
17 by subsection (a).

18 (4) A description of military functions that are  
19 and are not subject to the limitations described in  
20 paragraph (3).

21 (5) The number of members of the United  
22 States Armed Forces, set forth by Armed Force and  
23 component (whether regular, National Guard, or Re-  
24 serve), Department civilian employees, and Depart-  
25 ment contractor employees deployed in support of

1 the operations covered by subsection (a) that are not  
2 subject to the limitations described in paragraph (3)  
3 for the most recent month for which data is avail-  
4 able.

5 (6) Any changes to the limitations described in  
6 paragraph (3), and the rationale for such changes.

7 (7) Any other matters the Secretary considers  
8 appropriate.

9 (c) MANNER OF PRESENTATION.—Each report under  
10 subsection (a) shall set forth each element specified in sub-  
11 section (b)—

12 (1) with respect to each operation covered by  
13 subsection (a); and

14 (2) with respect to each country in which each  
15 such operation is being conducted.

16 (d) FORM.—If any report under subsection (a) is sub-  
17 mitted in classified form, such report shall be accompanied  
18 by an unclassified summary that includes, at a minimum,  
19 the information required by subsection (b)(1).

20 (e) SUNSET.—The requirement to submit reports  
21 under this section shall terminate on the earlier of—

22 (1) the date on which all operations covered by  
23 subsection (a) have terminated; or

24 (2) the date that is five years after the date of  
25 the enactment of this Act.

1 (f) REPEAL OF SUPERSEDED PROVISION.—Section  
2 1224 of the National Defense Authorization Act for Fiscal  
3 Year 2016 (Public Law 114–92; 129 Stat. 1053) is re-  
4 pealed.

5 **SEC. 1268. COMPTROLLER GENERAL OF THE UNITED**  
6 **STATES REPORT ON PRICING AND AVAIL-**  
7 **ABILITY WITH RESPECT TO FOREIGN MILI-**  
8 **TARY SALES.**

9 (a) REPORT REQUIRED.—Not later than one year  
10 after the date of the enactment of this Act, the Comp-  
11 troller General of the United States shall submit to the  
12 appropriate committees of Congress a report on pricing  
13 and availability with respect to foreign military sales. The  
14 report shall include the following:

15 (1) An assessment of the purpose and role of  
16 pricing and availability within the foreign military  
17 sales process.

18 (2) An assessment of the guidance provided by  
19 the Department of Defense for the preparation of  
20 pricing and availability data for foreign military  
21 sales.

22 (3) An assessment of the assumptions, esti-  
23 mations, and sources of data used by the Depart-  
24 ment in the preparation of pricing and availability  
25 data for foreign military sales.

1           (4) An assessment of the degree of accuracy  
2           and transparency provided by the Department in  
3           preparing pricing and availability data during the  
4           foreign military sales process.

5           (5) An assessment of the factors that may ac-  
6           count for discrepancies between prices of major  
7           items or services offered by the Department in pric-  
8           ing and availability data provided to foreign govern-  
9           ments for foreign military sales and prices offered by  
10          relevant United States commercial entities for simi-  
11          lar items or services, including—

12                   (A) a description of the magnitude of the  
13                   extent of differences in such prices; and

14                   (B) a description of common discrepancies  
15                   that account for such differences, including De-  
16                   partment administrative fees, cost for training  
17                   and spares, and other factors, including recur-  
18                   ring factors.

19          (6) An assessment of the extent to which the  
20          Department has identified instances where discrep-  
21          ancies in pricing for major items or services resulted  
22          in the loss of a foreign military sale for a United  
23          States commercial entity.

24          (7) Any other matters the Comptroller General  
25          considers appropriate.

1 (b) BRIEFINGS.—The Comptroller General shall pro-  
2 vide periodic briefings to the appropriate committees of  
3 Congress on any preliminary findings and recommenda-  
4 tions of the Comptroller General as a result of work in  
5 furtherance of the report required by subsection (a).

6 (c) APPROPRIATE COMMITTEES OF CONGRESS DE-  
7 FINED.—In this section, the term “appropriate commit-  
8 tees of Congress” means—

9 (1) the Committee on Armed Services and the  
10 Committee of Foreign Relations of the Senate; and

11 (2) the Committee on Armed Services and the  
12 Committee on Foreign Affairs of the House of Rep-  
13 resentatives.

14 **SEC. 1269. ANNUAL REPORT ON MILITARY AND SECURITY**  
15 **DEVELOPMENTS INVOLVING THE RUSSIAN**  
16 **FEDERATION.**

17 Section 1245(b) of the Carl Levin and Howard P.  
18 “Buck” McKeon National Defense Authorization Act for  
19 Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3566),  
20 as most recently amended by section 1235(a) of the Na-  
21 tional Defense Authorization Act for Fiscal Year 2017  
22 (Public Law 114–328; 130 Stat. 2490), is further amend-  
23 ed—



1 (1) by redesignating paragraphs (14) through  
2 (20) as paragraphs (16) through (22), respectively;  
3 and

4 (2) by inserting after paragraph (13) the fol-  
5 lowing new paragraphs:

6 “(14) An assessment of Russia’s hybrid warfare  
7 strategy and capabilities, including—

8 “(A) Russia’s information warfare strategy  
9 and capabilities, including the use of misin-  
10 formation, disinformation, and propaganda in  
11 social and traditional media;

12 “(B) Russia’s financing of political parties,  
13 think tanks, media organizations, and academic  
14 institutions;

15 “(C) Russia’s malicious cyber activities;

16 “(D) Russia’s use of coercive economic  
17 tools, including sanctions, market access, and  
18 differential pricing, especially in energy exports;  
19 and

20 “(E) Russia’s use of criminal networks and  
21 corruption to achieve political objectives.

22 “(15) An assessment of attempts by Russia, or  
23 any foreign person acting as an agent of or on be-  
24 half of Russia, during the preceding year to know-  
25 ingly disseminate Russian-supported disinformation

1 or propaganda, through social media applications or  
2 related Internet-based means, to members of the  
3 Armed Forces with probable intent to cause injury  
4 to the United States or advantage the Government  
5 of the Russian Federation.”.

## 6 **Subtitle H—Other Matters**

### 7 **SEC. 1271. SECURITY AND STABILITY STRATEGY FOR SOMA-** 8 **LIA.**

9 (a) IN GENERAL.—Not later than 180 days after the  
10 date of the enactment of this Act, the President shall sub-  
11 mit to the appropriate congressional committees a report  
12 that contains a comprehensive United States strategy to  
13 achieve long-term security and stability in Somalia and in-  
14 cludes each of the following elements:

15 (1) A description of United States strategic ob-  
16 jectives in Somalia and the benchmarks for assessing  
17 progress toward such objectives.

18 (2) An assessment of the threats posed to So-  
19 malia, the broader region, the United States, and  
20 partners of the United States, by al-Shabaab and or-  
21 ganizations affiliated with the Islamic State of Iraq  
22 and Syria in Somalia, including the origins, strategic  
23 aims, tactical methods, funding sources, and leader-  
24 ship of each organization.

1           (3) A description of the key international and  
2 United States governance, diplomatic, development,  
3 military, and intelligence resources available to ad-  
4 dress instability in Somalia.

5           (4) A plan to improve coordination among, and  
6 effectiveness of, United States governance, diplo-  
7 matic, development, military, and intelligence re-  
8 sources to counter the threat of al-Shabaab and or-  
9 ganizations affiliated with the Islamic State of Iraq  
10 and Syria in Somalia.

11           (5) A description of the role the United States  
12 is playing or will play to address political instability  
13 and support long-term security and stability in So-  
14 malia.

15           (6) A description of the contributions made by  
16 the African Union Mission in Somalia (in this sec-  
17 tion referred to as “AMISOM”) to security in Soma-  
18 lia and an assessment of the anticipated duration of  
19 support provided to AMISOM by troop contributing  
20 countries.

21           (7) A plan to train the Somali National Army  
22 and other Somali security forces, that also in-  
23 cludes—

24                   (A) a description of the assistance provided  
25 by other countries for such training; and

1 (B) a description of the efforts to integrate  
2 regional militias into the uniformed Somali se-  
3 curity forces; and

4 (C) a description of the security assistance  
5 authorities under which any such training  
6 would be provided by the United States and the  
7 recommendations of the Secretary to address  
8 any gaps under such authorities to advise, as-  
9 sist, or accompany the Somali National Army  
10 or other Somali security forces within appro-  
11 priate roles and responsibilities that are not ful-  
12 filled by other countries or by international or-  
13 ganizations.

14 (8) A description of the steps the United  
15 States, AMISOM, and any forces trained by the  
16 United States are taking in Somalia to minimize ci-  
17 vilian casualties and other harm to civilians.

18 (9) Any other matters the President considers  
19 appropriate.

20 (b) FORM.—The report required under subsection (a)  
21 shall be submitted in unclassified form but may include  
22 a classified annex.

23 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
24 FINED.—In this section, the term “appropriate congres-  
25 sional committees” means—

1 (1) the Committee on Armed Services, the  
2 Committee on Foreign Affairs, the Committee on  
3 Appropriations, and the Permanent Select Com-  
4 mittee on Intelligence of the House of Representa-  
5 tives; and

6 (2) the Committee on Armed Services, the  
7 Committee on Foreign Relations, the Committee on  
8 Appropriations, and the Select Committee on Intel-  
9 ligence of the Senate.

10 **SEC. 1272. GLOBAL THEATER SECURITY COOPERATION**  
11 **MANAGEMENT INFORMATION SYSTEM.**

12 (a) UPDATE OF GUIDANCE.—

13 (1) IN GENERAL.—Not later than 180 days  
14 after the date of the enactment of this Act, the Sec-  
15 retary of Defense shall—

16 (A) update relevant security cooperation  
17 guidance issued by the Secretary for use of the  
18 Global Theater Security Cooperation Manage-  
19 ment Information System (in this section re-  
20 ferred to as “G-TSCMIS”), including guidance  
21 relating to the matters described in paragraph  
22 (3); and

23 (B) submit to the congressional defense  
24 committees a report that contains such guid-  
25 ance.

1           (2) SUCCESSOR SYSTEM.—Not later than 180  
2 days after the date of the adoption of any security  
3 cooperation information system that is a successor  
4 to G-TSCMIS, the Secretary of Defense shall—

5           (A) update relevant security cooperation  
6 guidance issued by the Secretary for use of  
7 such system, including guidance relating to the  
8 matters described in paragraph (3); and

9           (B) submit to the congressional defense  
10 committees a report that contains such guid-  
11 ance.

12           (3) MATTERS DESCRIBED.—The matters de-  
13 scribed in this paragraph are the following:

14           (A) Designation of an authoritative data  
15 repository for security cooperation information,  
16 with enforceable data standards and data con-  
17 trols.

18           (B) Responsibilities for entry of data relat-  
19 ing to programs and activities into the system.

20           (C) Oversight and accountability measures  
21 to ensure the full scope of activities are entered  
22 into the system consistently and in a timely  
23 manner.

24           (D) Such other matters as the Secretary  
25 considers appropriate.

1 (b) REPORT.—

2 (1) IN GENERAL.—Not later than 270 days  
3 after the adoption of any security cooperation infor-  
4 mation system that is the successor to G-TSCMIS,  
5 the Secretary of Defense shall submit to the con-  
6 gressional defense committees a report setting forth  
7 a review of measures for evaluating the system in  
8 order to comply with guidance required by sub-  
9 section (a).

10 (2) ELEMENTS.—The review required by para-  
11 graph (1) shall include the following:

12 (A) An evaluation of the impacts of incon-  
13 sistent information on the system's  
14 functionality as a tool for planning, resource al-  
15 location, and adjustment.

16 (B) An evaluation of the effectiveness of  
17 oversight and accountability measures.

18 (C) An evaluation of feedback from the  
19 operational community to inform future re-  
20 quirements.

21 (D) Such other matters as the Secretary  
22 considers appropriate.

23 (3) FORM.—The report required under para-  
24 graph (1) shall be submitted in unclassified form,  
25 but may include a classified annex.

1 **SEC. 1273. FUTURE YEARS PLAN FOR THE EUROPEAN DE-**  
2 **TERRENCE INITIATIVE.**

3 (a) PLAN REQUIRED.—

4 (1) IN GENERAL.—Not later than 120 days  
5 after the date of the enactment of this Act, the Sec-  
6 retary of Defense, in consultation with the Com-  
7 mander of the United States European Command,  
8 shall submit to the congressional defense committees  
9 a future years plan on activities and resources of the  
10 European Deterrence Initiative (in this section re-  
11 ferred to as the “EDI”).

12 (2) APPLICABILITY.—The plan shall apply with  
13 respect to fiscal year 2018 and at least the four suc-  
14 ceeding fiscal years.

15 (b) MATTERS TO BE INCLUDED.—The plan required  
16 under subsection (a) shall include the following:

17 (1) A description of the objectives of the EDI.

18 (2) An assessment of resource requirements to  
19 achieve the objectives of the EDI.

20 (3) An assessment of capabilities requirements  
21 to achieve the objectives of the EDI.

22 (4) An assessment of logistics requirements, in-  
23 cluding force enablers, equipment, supplies, storage,  
24 and maintenance requirements, to achieve the objec-  
25 tives of the EDI.



1           (5) An identification and assessment of re-  
2           quired infrastructure investments to achieve the ob-  
3           jectives of the EDI, including potential infrastruc-  
4           ture investments by host nations and new construc-  
5           tion or modernization of existing sites that would be  
6           funded by the United States.

7           (6) An assessment of security cooperation in-  
8           vestments required to achieve the objectives of the  
9           EDI.

10          (7) An analysis of the challenges to the ability  
11          of the United States to deploy significant forces  
12          from the continental United States to the European  
13          theater in the event of a major contingency, and a  
14          description of the plans of the Department of De-  
15          fense, including military exercises, to address such  
16          challenges.

17          (8) A plan to fully resource United States force  
18          posture and capabilities, including—

19                 (A) details regarding the strategy to bal-  
20                 ance the force structure of the United States  
21                 forces to source additional permanently sta-  
22                 tioned United States forces in Europe as a part  
23                 of any planned growth in end strength and  
24                 force posture;

1 (B) the infrastructure capacity of existing  
2 locations and their ability to accommodate addi-  
3 tional permanently stationed United States  
4 forces in Europe;

5 (C) the potential new locations for addi-  
6 tional permanently stationed United States  
7 forces in Europe, including an assessment of in-  
8 frastructure and military construction resources  
9 necessary to accommodate additional United  
10 States forces in Europe;

11 (D) a detailed timeline to achieve desired  
12 permanent posture requirements;

13 (E) a reevaluation of sites identified for di-  
14 vestiture but not yet divested under the Euro-  
15 pean Infrastructure Consolidation initiative, ac-  
16 counting for updated military requirements; and

17 (F) any changes and associated costs in-  
18 curred with retaining each site identified for di-  
19 vestiture but not yet divested under the Euro-  
20 pean Infrastructure Consolidation initiative, in-  
21 cluding possible leasing agreements,  
22 sustainment, and maintenance.

23 (c) FORM.—The plan required under subsection (a)  
24 shall be submitted in unclassified form, but may include  
25 a classified annex.

1 (d) LIMITATIONS.—

2 (1) GENERAL LIMITATION.—The Secretary of  
3 Defense may not take any action to divest any site  
4 identified for divestiture but not yet divested under  
5 the European Infrastructure Consolidation initiative  
6 until the Secretary submits to the congressional de-  
7 fense committees the plan required under subsection  
8 (a).

9 (2) SITE-SPECIFIC LIMITATION.—In the case of  
10 a proposed divestiture of a site under the European  
11 Infrastructure Consolidation initiative, the Secretary  
12 of Defense may not take any action to divest the site  
13 unless prior to taking such action, the Secretary cer-  
14 tifies to the congressional defense committees that  
15 no military requirement for future use of the site is  
16 foreseeable.

17 **SEC. 1274. EXTENSION OF AUTHORITY TO ENTER INTO**  
18 **AGREEMENTS WITH PARTICIPATING COUN-**  
19 **TRIES IN THE AMERICAN, BRITISH, CANA-**  
20 **DIAN, AND AUSTRALIAN ARMIES' PROGRAM.**

21 Section 1274(g) of the National Defense Authoriza-  
22 tion Act for Fiscal Year 2013 (Public Law 112–239; 126  
23 Stat. 2026; 10 U.S.C. 2350a note) is amended by striking  
24 “five years” and inserting “ten years”.

1 **SEC. 1275. UNITED STATES MILITARY AND DIPLOMATIC**  
2 **STRATEGY FOR YEMEN.**

3 (a) **REPORT REQUIRED.**—Not later than 120 days  
4 after the date of enactment of this Act, the President shall  
5 submit to the appropriate congressional committees a re-  
6 port that contains a military and diplomatic strategy for  
7 Yemen.

8 (b) **ELEMENTS.**—The report required by subsection  
9 (a) shall include the following elements:

10 (1) An explanation of the military and diplo-  
11 matic strategy for Yemen, including a description of  
12 the ends, ways, and means inherent to the strategy.

13 (2) An explanation of the legal authorities sup-  
14 porting the strategy.

15 (3) A detailed description of the political and  
16 security environment in Yemen.

17 (4) A detailed description of the threats posed  
18 by Al Qaeda in the Arabian Peninsula and the Is-  
19 lamic State of Iraq and Syria–Yemen Province, in-  
20 cluding the intent, capabilities, strategic aims, and  
21 resources attributable to each organization.

22 (5) A detailed description of the threats posed  
23 to freedom of navigation through the Bab al Mandab  
24 Strait and waters in proximity to Yemen as well as  
25 any United States efforts to mitigate those threats.

1           (6) A detailed description of the threats posed  
2           to the United States and its allies and partners by  
3           the proliferation of advanced conventional weapons  
4           in Yemen.

5           (7) A detailed description of the threats posed  
6           to United States interests by state actors in Yemen.

7           (8) A discussion of United States objectives re-  
8           garding long-term stability and counterterrorism in  
9           Yemen.

10          (9) A plan to integrate the United States diplo-  
11          matic, development, military, and intelligence re-  
12          sources necessary to implement the strategy.

13          (10) A detailed description of the roles of the  
14          United States Armed Forces in supporting the strat-  
15          egy.

16          (11) Any other matters as the President con-  
17          siders appropriate.

18          (c) FORM.—The report required by subsection (a)  
19          shall be submitted in unclassified form, but may include  
20          a classified annex.

21          (d) APPROPRIATE CONGRESSIONAL COMMITTEES  
22          DEFINED.—In this section, the term “appropriate con-  
23          gressional committees” means—

24                 (1) the Committee on Armed Services, the  
25                 Committee on Foreign Relations, the Committee on

1 Appropriations, and the Select Committee on Intel-  
2 ligence of the Senate; and

3 (2) the Committee on Armed Services, the  
4 Committee on Foreign Affairs, the Committee on  
5 Appropriations, and the Permanent Select Com-  
6 mittee on Intelligence of the House of Representa-  
7 tives.

8 **SEC. 1276. TRANSFER OF EXCESS HIGH MOBILITY MULTI-  
9 PURPOSE WHEELED VEHICLES TO FOREIGN  
10 COUNTRIES.**

11 (a) **REQUIREMENTS IN CONNECTION WITH TRANS-  
12 FER.—**

13 (1) **IN GENERAL.—**Before an excess high mobil-  
14 ity multipurpose wheeled vehicle (HMMWV) is  
15 transferred on a grant or sales basis to a foreign  
16 country for the purpose of operation by that coun-  
17 try, the Secretary of Defense shall ensure that the  
18 vehicle receives the same new, modernized  
19 powertrain and a modernized, armored or armor-ca-  
20 pable crew compartment restored to like-new condi-  
21 tion that the vehicle would receive were the vehicle  
22 to be modernized for operational used by the Armed  
23 Forces.

1           (2) SAME NEW, MODERNIZED POWERTRAIN.—  
2           For purposes of paragraph (1), the term “same new,  
3           modernized powertrain”—

4                   (A) means a fully-functioning new  
5           powertrain system; but

6                   (B) does not mean an individual part, com-  
7           ponent, subassembly, assembly, or subsystem  
8           integral to the functioning of the powertrain  
9           system such as a new engine or transmission.

10          (3) PERFORMANCE OF WORK.—Any work per-  
11         formed pursuant to paragraph (1) shall be per-  
12         formed in the United States, and shall be covered by  
13         section 2460(b)(1) of title 10, United States Code.

14         (b) WAIVER.—

15                 (1) IN GENERAL.—Subject to paragraph (2),  
16         the President may waive the requirements of sub-  
17         section (a)(1) with respect to any particular transfer  
18         of high mobility multipurpose wheeled vehicles if the  
19         President determines in writing that the waiver is in  
20         the national interests of the United States.

21                 (2) NOTICE.—If the President makes a written  
22         determination under paragraph (1), the vehicles cov-  
23         ered by the determination may not be transferred  
24         until 30 days after the Secretary of Defense provides  
25         notice of the transfer to the appropriate committees

1 of Congress. Each notice on a transfer shall include  
2 the following:

3 (A) The recipient of the vehicles to be  
4 transferred, the intended use of the vehicles,  
5 and a description of the national interests of  
6 the United States in connection with the trans-  
7 fer.

8 (B) An explanation of why it is not in the  
9 national interests of the United States to make  
10 the transfer in accordance with the require-  
11 ments of subsection (a)(1).

12 (C) The impact of the transfer on the na-  
13 tional technology and industrial base and, in ar-  
14 ticular, on any reduction of the opportunities of  
15 entities in the national technology and indus-  
16 trial base to sell new or used high mobility mul-  
17 tipurpose wheeled vehicles to the countries to  
18 which the proposed transfer of vehicles is to  
19 take place.

20 (c) EFFECTIVE DATE AND SUNSET.—

21 (1) EFFECTIVE DATE.—Subsections (a) and (b)  
22 shall apply to any transfer of excess high mobility  
23 multipurpose wheeled vehicles that occurs on or  
24 after the date that is 90 days after the date of the  
25 enactment of this Act.



1           (2) SUNSET.—The requirements in subsection  
2           (a) shall expire on the date that is three years after  
3           the date of the enactment of this Act.

4           (d) COMPTROLLER GENERAL OF THE UNITED  
5 STATES REPORT.—

6           (1) IN GENERAL.—The Comptroller General of  
7           the United States shall submit to the appropriate  
8           committees of Congress a report on all proposed and  
9           completed transfers of excess defense articles that  
10          are high mobility multipurpose wheeled vehicles  
11          under the authority of section 516 of the Foreign  
12          Assistance Act of 1961 (22 U.S.C. 2321j) during  
13          fiscal years 2012 through 2016.

14          (2) ELEMENTS.—The report under paragraph  
15          (1) shall include the following:

16                 (A) An assessment of the timing, rigorous-  
17                 ness, and procedures used in the determination  
18                 of the President that each transfer described in  
19                 paragraph (1) did not have an adverse impact  
20                 on the national technology and industrial base  
21                 and, in particular, that such transfer would not  
22                 reduce the opportunities of entities in the na-  
23                 tional technology and industrial base to sell new  
24                 or used equipment to the countries to which  
25                 such articles were or were to be transferred in

1           accordance with section 516(b)(1)(E) of the  
2           Foreign Assistance Act of 1961.

3                   (B) Any related matters the Comptroller  
4           General considers appropriate.

5           (e) APPROPRIATE COMMITTEES OF CONGRESS DE-  
6 FINED.—In this section, the term “appropriate commit-  
7 tees of Congress” means—

8                   (1) the Committee on Armed Services, the  
9           Committee on Foreign Relations, and the Committee  
10          on Appropriations of the Senate; and

11                   (2) the Committee on Armed Services, the  
12          Committee on Foreign Affairs, and the Committee  
13          on Appropriations of the House of Representatives.

14 **SEC. 1277. DEPARTMENT OF DEFENSE PROGRAM TO PRO-**  
15 **TECT UNITED STATES STUDENTS AGAINST**  
16 **FOREIGN AGENTS.**

17           (a) PROGRAM.—The Secretary of Defense shall de-  
18 velop and implement a program to prepare United States  
19 students studying abroad through Department of Defense  
20 National Security Education Programs to recognize and  
21 protect themselves against recruitment efforts by intel-  
22 ligence agents.

23           (b) BRIEFING.—Not later than 180 days after the  
24 date of the enactment of this Act, the Secretary of Defense  
25 shall provide to the Committees on Armed Services of the

1 Senate and the House of Representatives a briefing on the  
2 program required under subsection (a).

3 **SEC. 1278. LIMITATION AND EXTENSION OF UNITED**  
4 **STATES-ISRAEL ANTI-TUNNEL COOPERATION**  
5 **AUTHORITY.**

6 (a) **LIMITATION AND EXTENSION OF AUTHORITY.**—  
7 Section 1279 of the National Defense Authorization Act  
8 for Fiscal Year 2016 (Public Law 114–92; 129 Stat.  
9 1079; 22 U.S.C. 8606 note) is amended as follows:

10 (1) **LIMITATION WITH RESPECT TO RDT&E AC-**  
11 **TIVITIES.**—In subsection (b), by adding at the end  
12 the following new paragraph:

13 “(5) **USE OF CERTAIN AMOUNTS FOR RDT&E**  
14 **ACTIVITIES IN THE UNITED STATES.**—Of the  
15 amount provided by the United States in support  
16 under paragraph (1), not less than 50 percent of  
17 such amount shall be used for research, develop-  
18 ment, test, and evaluation activities in the United  
19 States in connection with such support.”.

20 (2) **EXTENSION OF AUTHORITY.**—In subsection  
21 (f), by striking “December 31, 2018” and inserting  
22 “December 31, 2020”.

23 (b) **REPEAL OF SUPERSEDED LIMITATION.**—Section  
24 1295 of the National Defense Authorization Act for Fiscal

1 Year 2017 (Public Law 114–328; 130 Stat. 2562) is  
2 amended by striking subsection (e).

3 **SEC. 1279. ANTICORRUPTION STRATEGY.**

4 (a) IN GENERAL.—Not later than 180 days after the  
5 date of the enactment of this Act, the Secretary of State,  
6 the Secretary of Defense, and the Administrator of the  
7 United States Agency for International Development shall  
8 jointly develop a strategy to prevent corruption in any re-  
9 construction efforts associated with United States contin-  
10 uous operations and submit such strategy to the appro-  
11 priate congressional committees.

12 (b) BENCHMARKS.—The strategy described in sub-  
13 section (a) shall include measurable benchmarks to be met  
14 as a condition for disbursement of funds for reconstruc-  
15 tion efforts.

16 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
17 FINED.—In this section, the term “appropriate congres-  
18 sional committees” means—

19 (1) the Committee on Armed Services and the  
20 Committee on Foreign Relations of the Senate; and

21 (2) the Committee on Armed Services and the  
22 Committee on Foreign Affairs of the House of Rep-  
23 resentatives.

1 **SEC. 1279A. STRATEGY TO IMPROVE DEFENSE INSTITU-**  
2 **TIONS AND SECURITY SECTOR FORCES IN NI-**  
3 **GERIA.**

4 (a) IN GENERAL.—Not later than 180 days after the  
5 date of the enactment of this Act, the President shall sub-  
6 mit to the appropriate congressional committees a report  
7 that contains a comprehensive strategy to support im-  
8 provements in defense institutions and security sector  
9 forces in Nigeria.

10 (b) MATTERS TO BE INCLUDED.—The report re-  
11 quired by subsection (a) shall include the following:

12 (1) An assessment of the threats posed by ter-  
13 rorist and other militant groups operating in Nige-  
14 ria, including Boko Haram, the Islamic State in  
15 Iraq and Syria – West Africa (ISIS-WA), and Niger  
16 Delta militants, as well as a description of the ori-  
17 gins, strategic aims, tactical methods, funding  
18 sources, and leadership structures of each such orga-  
19 nization.

20 (2) An assessment of efforts by the Government  
21 of Nigeria to improve civilian protection, account-  
22 ability for human rights violations, and transparency  
23 in the defense institutions and security sector forces.

24 (3) A description of the key international and  
25 United States diplomatic, development, intelligence,  
26 military, and economic resources available to address

1 instability across Nigeria, and a plan to maximize  
2 the coordination and effectiveness of these resources  
3 to counter the threats posed by Boko Haram, ISIS-  
4 WA, and Niger Delta militants.

5 (4) An assessment of efforts undertaken by the  
6 security forces of the Government of Nigeria to im-  
7 prove the protection of civilians.

8 (5) An assessment of the effectiveness of the  
9 Civilian Joint Task Force that has been operating in  
10 parts of northeastern Nigeria, as well as any lessons  
11 learned from such operations and a plan to work  
12 with the Government of Nigeria to address allega-  
13 tions of participation of child soldiers in the Civilian  
14 Joint Task Force.

15 (6) A plan for the United States to work with  
16 the Nigerian security forces and judiciary to trans-  
17 parently investigate allegations of human rights vio-  
18 lations committed by the security forces of the Gov-  
19 ernment of Nigeria that have involved civilian cas-  
20 ualties.

21 (7) A plan for the United States to work with  
22 the Nigerian defense institutions and security sector  
23 forces to improve detainee conditions.

24 (8) Any other matters the President considers  
25 appropriate.

1 (c) FORM.—The report required under subsection (a)  
2 shall be submitted in unclassified form, but may include  
3 a classified annex.

4 (d) APPROPRIATE CONGRESSIONAL COMMITTEES  
5 DEFINED.—In this section, the term “appropriate con-  
6 gressional committees” means—

7 (1) the Committee on Armed Services, the  
8 Committee on Foreign Relations, the Committee on  
9 Appropriations, and the Select Committee on Intel-  
10 ligence of the Senate; and

11 (2) the Committee on Armed Services, the  
12 Committee on Foreign Affairs, the Committee on  
13 Appropriations, and the Permanent Select Com-  
14 mittee on Intelligence of the House of Representa-  
15 tives.

16 **SEC. 1279B. LIMITATION ON AVAILABILITY OF FUNDS TO**  
17 **IMPLEMENT THE ARMS TRADE TREATY.**

18 (a) IN GENERAL.—None of the funds authorized to  
19 be appropriated by this Act or otherwise made available  
20 for fiscal year 2018 for the Department of Defense may  
21 be obligated or expended to implement the Arms Trade  
22 Treaty, or to make any change to existing programs,  
23 projects, or activities as approved by Congress in further-  
24 ance of, pursuant to, or otherwise to implement such Trea-  
25 ty, unless the Treaty has received the advice and consent

1 of the Senate and has been the subject of implementing  
2 legislation, as required, by Congress..

3 (b) **RULE OF CONSTRUCTION.**—Nothing in this sec-  
4 tion shall be construed to preclude the Department of De-  
5 fense from assisting foreign countries in bringing their  
6 laws and regulations up to United States standards.

7 **SEC. 1279C. CULTURAL HERITAGE PROTECTION COORDI-**  
8 **NATOR.**

9 Not later than 90 days after the date of the enact-  
10 ment of this Act, the Secretary of Defense shall designate  
11 an employee of the Department of Defense to serve con-  
12 currently as the Coordinator for Cultural Heritage Protec-  
13 tion, who shall be responsible for—

14 (1) coordinating the existing obligations of the  
15 Department of Defense for the protection of cultural  
16 heritage, including the 1954 Hague Convention for  
17 the Protection of Cultural Property in the Event of  
18 Armed Conflict, and other obligations for the protec-  
19 tion of cultural heritage; and

20 (2) coordinating with the Cultural Heritage Co-  
21 ordinating Committee convened by the Secretary of  
22 State for the national security interests of the  
23 United States, as appropriate.



1 **SEC. 1279D. SECURITY ASSISTANCE FOR BALTIC NATIONS**  
2 **FOR JOINT PROGRAM FOR INTEROPER-**  
3 **ABILITY AND DETERRENCE AGAINST AG-**  
4 **GRESSION.**

5 (a) IN GENERAL.—The Secretary of Defense may,  
6 with the concurrence of the Secretary of State, conduct  
7 or support a single joint program of the Baltic nations  
8 to improve their interoperability and build their capacity  
9 to deter and resist aggression by the Russian Federation.

10 (b) JOINT PROGRAM.—For purposes of subsection  
11 (a), a joint program of the Baltic nations may be either  
12 of the following:

13 (1) A program jointly agreed by the Baltic na-  
14 tions to procure defense articles and services de-  
15 scribed in subsection (c) using assistance provided  
16 pursuant to subsection (a).

17 (2) An agreement for the joint procurement by  
18 the Baltic nations of defense articles and services de-  
19 scribed in subsection (c) using assistance provided  
20 pursuant to subsection (a).

21 (c) DEFENSE ARTICLES AND SERVICES.—For pur-  
22 poses of subsection (b), the defense articles and services  
23 described in this subsection include the following:

24 (1) Real time or near-real time actionable intel-  
25 ligence, including by lease of such capabilities from  
26 United States commercial entities.

1           (2) Unmanned aerial tactical surveillance sys-  
2           tems.

3           (3) Lethal assistance, such as anti-armor weap-  
4           on systems, mortars, crew-served weapons and am-  
5           munition, grenade launchers and ammunition, and  
6           small arms and ammunition.

7           (4) Air defense radars and anti-aircraft weap-  
8           ons.

9           (5) Other defense articles or services agreed to  
10          by the Baltic nations and considered appropriate by  
11          the Secretary of Defense, with the concurrence of  
12          the Secretary of State.

13          (d) PARTICIPATION OF OTHER COUNTRIES.—Any  
14          country other than a Baltic nation may participate in the  
15          joint program described in subsection (a), but only using  
16          funds of such country.

17          (e) NOTICE AND WAIT ON ACTIVITIES.—Not later  
18          than 60 days before initiating activities under the joint  
19          program under subsection (a), the Secretary of Defense  
20          shall submit to the appropriate committees of Congress  
21          a written and electronic notice of the following:

22                 (1) The countries that will participate in the  
23                 joint program.

24                 (2) A detailed assessment of how the joint pro-  
25                 gram will improve the interoperability of the Baltic

1 nations and build their capacity to deter and resist  
2 aggression by the Russian Federation.

3 (3) A description of the elements of the United  
4 States European Command theater security coopera-  
5 tion plan, and of the interagency integrated country  
6 strategy in each Baltic nation, that will be advanced  
7 by the joint program.

8 (4) A detailed evaluation of the capacity of the  
9 Baltic nations to absorb the defense articles and  
10 services to be procured under the joint program.

11 (5) The cost and delivery schedule of the joint  
12 program.

13 (6) A description of the arrangements, if any,  
14 for the sustainment of the defense articles and serv-  
15 ices to be procured under the joint program, and the  
16 estimated cost and source of funds to support  
17 sustainment of the capabilities and performance out-  
18 comes achieved under the joint program beyond its  
19 completion date, if applicable.

20 (f) FUNDING.—

21 (1) IN GENERAL.—Amounts for assistance pro-  
22 vided pursuant to subsection (a) shall be derived  
23 from amounts authorized to be appropriated for the  
24 Department of Defense for operation and mainte-  
25 nance, Defense-wide.

1           (2) LIMITATION.—The total amount of assist-  
2           ance provided pursuant to subsection (a) may not  
3           exceed \$100,000,000.

4           (g) TERMINATION.—Assistance may not be provided  
5           pursuant to subsection (a) after December 31, 2020.

6           (h) DEFINITIONS.—In this section:

7           (1) The term “appropriate committees of Con-  
8           gress” means—

9                   (A) the Committee on Armed Services, the  
10                   Committee on Foreign Relations, and the Com-  
11                   mittee on Appropriations of the Senate; and

12                   (B) the Committee on Armed Services, the  
13                   Committee on Foreign Affairs, and the Com-  
14                   mittee on Appropriations of the House of Rep-  
15                   resentatives.

16           (2) The term “Baltic nations” means the fol-  
17           lowing:

18                   (A) Estonia.

19                   (B) Latvia.

20                   (C) Lithuania.

1 **SEC. 1279E. RESTRICTION ON FUNDING FOR THE PRE-**  
2 **PARATORY COMMISSION FOR THE COM-**  
3 **PREHENSIVE NUCLEAR-TEST-BAN TREATY**  
4 **ORGANIZATION.**

5 (a) STATEMENT OF POLICY.—Congress declares that  
6 United Nations Security Council Resolution 2310 (Sep-  
7 tember 23, 2016) does not obligate the United States nor  
8 does it impose an obligation on the United States to re-  
9 frain from actions that would run counter to the object  
10 and purpose of the Comprehensive Nuclear-Test-Ban  
11 Treaty.

12 (b) RESTRICTION ON FUNDING.—

13 (1) IN GENERAL.—No United States funds may  
14 be made available to the Preparatory Commission  
15 for the Comprehensive Nuclear-Test-Ban Treaty Or-  
16 ganization.

17 (2) EXCEPTION.—The restriction under para-  
18 graph (1) shall not apply with respect to the avail-  
19 ability of—

20 (A) United States funds for the Com-  
21 prehensive Nuclear-Test-Ban Treaty Organiza-  
22 tion's International Monitoring System; or

23 (B) United States funds used solely for  
24 analysis and dissemination of data collected  
25 under the International Monitoring System.

1 **SEC. 1279F. CLARIFICATION OF AUTHORITY TO SUPPORT**  
2 **BORDER SECURITY OPERATIONS OF CERTAIN**  
3 **FOREIGN COUNTRIES.**

4 Paragraph (3) of section 1226(b) of the National De-  
5 fense Authorization Act for Fiscal Year 2016 (Public Law  
6 114–92; 129 Stat. 1056), as added by section 1294(b)(2)  
7 of the National Defense Authorization Act for Fiscal Year  
8 2017 (Public Law 114–328; 130 Stat. 2562), is amended  
9 by striking “for such fiscal year” both places it appears.

10 **TITLE XIII—COOPERATIVE**  
11 **THREAT REDUCTION**

Sec. 1301. Specification of Cooperative Threat Reduction funds.

Sec. 1302. Funding allocations.

12 **SEC. 1301. SPECIFICATION OF COOPERATIVE THREAT RE-**  
13 **DUCTION FUNDS.**

14 (a) **FISCAL YEAR 2018 COOPERATIVE THREAT RE-**  
15 **DUCTION FUNDS DEFINED.**—In this title, the term “fiscal  
16 year 2018 Cooperative Threat Reduction funds” means  
17 the funds appropriated pursuant to the authorization of  
18 appropriations in section 301 and made available by the  
19 funding table in section 4301 for the Department of De-  
20 fense Cooperative Threat Reduction Program established  
21 under section 1321 of the Department of Defense Cooper-  
22 ative Threat Reduction Act (50 U.S.C. 3711).

23 (b) **AVAILABILITY OF FUNDS.**—Funds appropriated  
24 pursuant to the authorization of appropriations in section

1 301 and made available by the funding table in section  
2 4301 for the Department of Defense Cooperative Threat  
3 Reduction Program shall be available for obligation for fis-  
4 cal years 2018, 2019, and 2020.

5 **SEC. 1302. FUNDING ALLOCATIONS.**

6 (a) IN GENERAL.—Of the \$324,600,000 authorized  
7 to be appropriated to the Department of Defense for fiscal  
8 year 2018 in section 301 and made available by the fund-  
9 ing table in division D for the Department of Defense Co-  
10 operative Threat Reduction Program established under  
11 section 1321 of the Department of Defense Cooperative  
12 Threat Reduction Act (50 U.S.C. 3711), the following  
13 amounts may be obligated for the purposes specified:

14 (1) For strategic offensive arms elimination,  
15 \$12,100,000.

16 (2) For chemical weapons destruction,  
17 \$5,000,000.

18 (3) For global nuclear security, \$17,900,000.

19 (4) For cooperative biological engagement,  
20 \$172,800,000.

21 (5) For proliferation prevention, \$89,800,000.

22 (6) For activities designated as Other Assess-  
23 ments/Administrative Costs, \$27,000,000.

1 (b) MODIFICATION TO CERTAIN REQUIREMENTS.—

2 The Department of Defense Cooperative Threat Reduction  
3 Act (50 U.S.C. 3701 et seq.) is amended as follows:

4 (1) Section 1321(g)(1) (50 U.S.C. 3711(g)(1))  
5 is amended by striking “45 days” and inserting “15  
6 days”.

7 (2) Section 1324 (50 U.S.C. 3714) is amend-  
8 ed—

9 (A) in subsection (a)(1)(C), by striking  
10 “45 days” and inserting “15 days”; and

11 (B) in subsection (b)(3), by striking “45  
12 days” and inserting “15 days”.

13 (3) Section 1335(a) (50 U.S.C. 3735(a)) is  
14 amended by striking “or expended”.

15 **TITLE XIV—OTHER**  
16 **AUTHORIZATIONS**

Subtitle A—Military Programs

- Sec. 1401. Working capital funds.
- Sec. 1402. Chemical agents and munitions destruction, defense.
- Sec. 1403. Drug interdiction and counter-drug activities defense-wide.
- Sec. 1404. Defense Inspector General.
- Sec. 1405. Defense Health Program.
- Sec. 1406. National Defense Sealift Fund.

Subtitle B—Other Matters

- Sec. 1411. Authority for transfer of funds to joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund for Captain James A. Lovell Health Care Center, Illinois.
- Sec. 1412. Authorization of appropriations for Armed Forces Retirement Home.
- Sec. 1413. Armed Forces Retirement Home matters.
- Sec. 1414. Authority to dispose of certain materials from and to acquire additional materials for the National Defense Stockpile.



Sec. 1415. Acquisition reporting on major chemical demilitarization programs of the Department of Defense.

## 1       **Subtitle A—Military Programs**

### 2       **SEC. 1401. WORKING CAPITAL FUNDS.**

3       Funds are hereby authorized to be appropriated for  
4 fiscal year 2018 for the use of the Armed Forces and other  
5 activities and agencies of the Department of Defense for  
6 providing capital for working capital and revolving funds,  
7 as specified in the funding table in section 4501.

### 8       **SEC. 1402. CHEMICAL AGENTS AND MUNITIONS DESTRU-** 9                       **CTION, DEFENSE.**

10       (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds  
11 are hereby authorized to be appropriated for the Depart-  
12 ment of Defense for fiscal year 2018 for expenses, not oth-  
13 erwise provided for, for Chemical Agents and Munitions  
14 Destruction, Defense, as specified in the funding table in  
15 section 4501.

16       (b) **USE.**—Amounts authorized to be appropriated  
17 under subsection (a) are authorized for—

18               (1) the destruction of lethal chemical agents  
19 and munitions in accordance with section 1412 of  
20 the Department of Defense Authorization Act, 1986  
21 (50 U.S.C. 1521); and

22               (2) the destruction of chemical warfare materiel  
23 of the United States that is not covered by section  
24 1412 of such Act.

1 **SEC. 1403. DRUG INTERDICTION AND COUNTER-DRUG AC-**  
2 **TIVITIES DEFENSE-WIDE.**

3 Funds are hereby authorized to be appropriated for  
4 the Department of Defense for fiscal year 2018 for ex-  
5 penses, not otherwise provided for, for Drug Interdiction  
6 and Counter-Drug Activities, Defense-wide, as specified in  
7 the funding table in section 4501.

8 **SEC. 1404. DEFENSE INSPECTOR GENERAL.**

9 Funds are hereby authorized to be appropriated for  
10 the Department of Defense for fiscal year 2018 for ex-  
11 penses, not otherwise provided for, for the Office of the  
12 Inspector General of the Department of Defense, as speci-  
13 fied in the funding table in section 4501.

14 **SEC. 1405. DEFENSE HEALTH PROGRAM.**

15 Funds are hereby authorized to be appropriated for  
16 fiscal year 2018 for the Defense Health Program, as spec-  
17 ified in the funding table in section 4501, for use of the  
18 Armed Forces and other activities and agencies of the De-  
19 partment of Defense in providing for the health of eligible  
20 beneficiaries.

21 **SEC. 1406. NATIONAL DEFENSE SEALIFT FUND.**

22 Funds are hereby authorized to be appropriated for  
23 fiscal year 2018 for the National Defense Sealift Fund,  
24 as specified in the funding table in section 4501.

1                   **Subtitle B—Other Matters**

2   **SEC. 1411. AUTHORITY FOR TRANSFER OF FUNDS TO JOINT**  
3                   **DEPARTMENT OF DEFENSE-DEPARTMENT OF**  
4                   **VETERANS AFFAIRS MEDICAL FACILITY DEM-**  
5                   **ONSTRATION FUND FOR CAPTAIN JAMES A.**  
6                   **LOVELL HEALTH CARE CENTER, ILLINOIS.**

7           (a) **AUTHORITY FOR TRANSFER OF FUNDS.**—Of the  
8 funds authorized to be appropriated by section 1405 and  
9 available for the Defense Health Program for operation  
10 and maintenance, \$115,500,000 may be transferred by the  
11 Secretary of Defense to the Joint Department of Defense—  
12 Department of Veterans Affairs Medical Facility Dem-  
13 onstration Fund established by subsection (a)(1) of sec-  
14 tion 1704 of the National Defense Authorization Act for  
15 Fiscal Year 2010 (Public Law 111–84; 123 Stat. 2571).  
16 For purposes of subsection (a)(2) of such section 1704,  
17 any funds so transferred shall be treated as amounts au-  
18 thorized and appropriated specifically for the purpose of  
19 such a transfer.

20           (b) **USE OF TRANSFERRED FUNDS.**—For the pur-  
21 poses of subsection (b) of such section 1704, facility oper-  
22 ations for which funds transferred under subsection (a)  
23 may be used are operations of the Captain James A.  
24 Lovell Federal Health Care Center, consisting of the  
25 North Chicago Veterans Affairs Medical Center, the Navy

1 Ambulatory Care Center, and supporting facilities des-  
2 ignated as a combined Federal medical facility under an  
3 operational agreement covered by section 706 of the Dun-  
4 can Hunter National Defense Authorization Act for Fiscal  
5 Year 2009 (Public Law 110–417; 122 Stat. 4500).

6 **SEC. 1412. AUTHORIZATION OF APPROPRIATIONS FOR**  
7 **ARMED FORCES RETIREMENT HOME.**

8 There is hereby authorized to be appropriated for fis-  
9 cal year 2018 from the Armed Forces Retirement Home  
10 Trust Fund the sum of \$64,300,000 for the operation of  
11 the Armed Forces Retirement Home.

12 **SEC. 1413. ARMED FORCES RETIREMENT HOME MATTERS.**

13 (a) **TERMINATION OF OVERSIGHT RESPONSIBILITIES**  
14 **OF UNDER SECRETARY OF DEFENSE FOR PERSONNEL**  
15 **AND READINESS.—**

16 (1) **SENIOR MEDICAL ADVISOR.—**Section 1513A  
17 of the Armed Forces Retirement Home Act of 1991  
18 (24 U.S.C. 413a) is amended—

19 (A) in subsection (b), by striking “the  
20 Under Secretary of Defense for Personnel and  
21 Readiness,” in the matter preceding paragraph  
22 (1); and

23 (B) in subsection (c)(4), by striking “the  
24 Under Secretary of Defense for Personnel and

1           Readiness” and inserting “the Secretary of De-  
2           fense”.

3           (2) OMBUDSMEN.—Section 1517(e)(2) of such  
4           Act (24 U.S.C. 417(e)(2)) is amended by striking  
5           “the Under Secretary of Defense for Personnel and  
6           Readiness” and inserting “the Secretary of De-  
7           fense”.

8           (3) INSPECTIONS.—Section 1518 of such Act  
9           (24 U.S.C. 418) is amended—

10                   (A) in subsection (e)(1), by striking “the  
11                   Under Secretary of Defense for Personnel and  
12                   Readiness,”; and

13                   (B) in subsection (e)(1), by striking “the  
14                   Under Secretary of Defense for Personnel and  
15                   Readiness” and inserting “the Secretary of De-  
16                   fense”.

17           (b) ADVISORY COUNCIL.—Section 1516 of such Act  
18           (24 U.S.C. 416) is amended—

19                   (1) in subsection (c)(1), by striking “15 mem-  
20                   bers,” and all that follows and inserting “15 mem-  
21                   bers.”; and

22                   (2) in subsection (f)(1), by striking “shall” and  
23                   inserting “may”.

24           (c) ADMINISTRATORS.—Section 1517(b) of such Act  
25           (24 U.S.C. 417(b)) is amended—

1 (1) in paragraph (2), by striking “and” at the  
2 end;

3 (2) in paragraph (3), by striking the period at  
4 the end and inserting “; and”; and

5 (3) by adding at the end the following new  
6 paragraph:

7 “(4) serve at the pleasure of the Secretary of  
8 Defense.”.

9 **SEC. 1414. AUTHORITY TO DISPOSE OF CERTAIN MATE-**  
10 **RIALS FROM AND TO ACQUIRE ADDITIONAL**  
11 **MATERIALS FOR THE NATIONAL DEFENSE**  
12 **STOCKPILE.**

13 (a) DISPOSAL AUTHORITY.—Pursuant to section 5(b)  
14 of the Strategic and Critical Materials Stock Piling Act  
15 (50 U.S.C. 98d(b)), the National Defense Stockpile Man-  
16 ager may dispose of not more than 25 short tons of mate-  
17 rials transferred from another department or agency of  
18 the United States to the National Defense Stockpile under  
19 section 4(b) of such Act (50 U.S.C. 98c(b)) that the Na-  
20 tional Defense Stockpile Manager determines is no longer  
21 required from the stockpile.

22 (b) ACQUISITION AUTHORITY.—

23 (1) AUTHORITY.—Using funds available in the  
24 National Defense Stockpile Transaction Fund, the  
25 National Defense Stockpile Manager may acquire

1 the following materials determined to be strategic  
2 and critical materials required to meet the defense,  
3 industrial, and essential civilian needs of the United  
4 States:

5 (A) Electrolytic manganese metal.

6 (B) Antimony.

7 (2) AMOUNT OF AUTHORITY.—The National  
8 Defense Stockpile Manager may use up to  
9 \$9,000,000 in the National Defense Stockpile  
10 Transaction Fund for acquisition of the materials  
11 specified in paragraph (1).

12 (3) FISCAL YEAR LIMITATION.—The authority  
13 under paragraph (1) is available for purchases dur-  
14 ing fiscal year 2018 through fiscal year 2027.

15 **SEC. 1415. ACQUISITION REPORTING ON MAJOR CHEMICAL**  
16 **DEMILITARIZATION PROGRAMS OF THE DE-**  
17 **PARTMENT OF DEFENSE.**

18 (a) REPORTING ON MAJOR PROGRAMS.—Acquisition  
19 reporting on each major program within the chemical de-  
20 militarization programs of the Department of Defense, in-  
21 cluding construction in connection with such program,  
22 shall—

23 (1) comply with reporting guidelines for an Ac-  
24 quisition Category 1 (ACAT 1) system; and

1 (2) be reported separately from acquisition re-  
2 porting on the other major program within the  
3 chemical demilitarization programs of the Depart-  
4 ment of Defense.

5 (b) MAJOR PROGRAM WITHIN THE CHEMICAL DE-  
6 MILITARIZATION PROGRAMS OF THE DEPARTMENT OF  
7 DEFENSE DEFINED.—In this section, the term “major  
8 program within the chemical demilitarization programs of  
9 the Department of Defense” means each program as fol-  
10 lows:

11 (1) Pueblo Chemical Agent Destruction Pilot  
12 Plant program, Colorado.

13 (2) Blue Grass Chemical Agent Destruction  
14 Pilot Plant program, Kentucky.

15 **TITLE XV—AUTHORIZATION OF**  
16 **ADDITIONAL APPROPRIA-**  
17 **TIONS FOR OVERSEAS CON-**  
18 **TINGENCY OPERATIONS**

Subtitle A—Authorization of Appropriations

- Sec. 1501. Purpose and treatment of certain authorizations of appropriations.
- Sec. 1502. Overseas contingency operations.
- Sec. 1503. Procurement.
- Sec. 1504. Research, development, test, and evaluation.
- Sec. 1505. Operation and maintenance.
- Sec. 1506. Military personnel.
- Sec. 1507. Working capital funds.
- Sec. 1508. Drug Interdiction and Counter-Drug Activities, Defense-wide.
- Sec. 1509. Defense Inspector General.
- Sec. 1510. Defense Health program.

Subtitle B—Financial Matters

- Sec. 1511. Treatment as additional authorizations.



Sec. 1512. Special transfer authority.

Subtitle C—Limitations, Reports, and Other Matters

Sec. 1521. Afghanistan Security Forces Fund.

Sec. 1522. Joint Improvised-Threat Defeat Fund.

Sec. 1523. Comptroller General report on feasibility of separation of expenditures.

Sec. 1524. Guidelines for budget items to be covered by overseas contingency operations accounts.

1                   **Subtitle A—Authorization of**  
2                   **Appropriations**

3   **SEC. 1501. PURPOSE AND TREATMENT OF CERTAIN AU-**  
4                   **THORIZATIONS OF APPROPRIATIONS.**

5           The purpose of this subtitle is to authorize appropria-  
6   tions for the Department of Defense for fiscal year 2018  
7   to provide additional funds for overseas contingency oper-  
8   ations being carried out by the Armed Forces.

9   **SEC. 1502. OVERSEAS CONTINGENCY OPERATIONS.**

10          Funds are hereby authorized to be appropriated for  
11   fiscal year 2018 for the Department of Defense for over-  
12   seas contingency operations in such amounts as may be  
13   designated as provided in section 251(b)(2)(A)(ii) of the  
14   Balanced Budget and Emergency Deficit Control Act of  
15   1985.

16   **SEC. 1503. PROCUREMENT.**

17          Funds are hereby authorized to be appropriated for  
18   fiscal year 2018 for procurement accounts for the Army,  
19   the Navy and the Marine Corps, the Air Force, and De-  
20   fense-wide activities, as specified in the funding table in  
21   section 4102.

1 **SEC. 1504. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
2 **TION.**

3 Funds are hereby authorized to be appropriated for  
4 fiscal year 2018 for the use of the Department of Defense  
5 for research, development, test, and evaluation, as speci-  
6 fied in the funding table in section 4202.

7 **SEC. 1505. OPERATION AND MAINTENANCE.**

8 Funds are hereby authorized to be appropriated for  
9 fiscal year 2018 for the use of the Armed Forces and other  
10 activities and agencies of the Department of Defense for  
11 expenses, not otherwise provided for, for operation and  
12 maintenance, as specified in the funding table in section  
13 4302.

14 **SEC. 1506. MILITARY PERSONNEL.**

15 Funds are hereby authorized to be appropriated for  
16 fiscal year 2018 for the use of the Armed Forces and other  
17 activities and agencies of the Department of Defense for  
18 expenses, not otherwise provided for, for military per-  
19 sonnel, as specified in the funding table in section 4402.

20 **SEC. 1507. WORKING CAPITAL FUNDS.**

21 Funds are hereby authorized to be appropriated for  
22 fiscal year 2018 for the use of the Armed Forces and other  
23 activities and agencies of the Department of Defense for  
24 providing capital for working capital and revolving funds,  
25 as specified in the funding table in section 4502.

1 **SEC. 1508. DRUG INTERDICTION AND COUNTER-DRUG AC-**  
2 **TIVITIES, DEFENSE-WIDE.**

3 Funds are hereby authorized to be appropriated for  
4 the Department of Defense for fiscal year 2018 for ex-  
5 penses, not otherwise provided for, for Drug Interdiction  
6 and Counter-Drug Activities, Defense-wide, as specified in  
7 the funding table in section 4502.

8 **SEC. 1509. DEFENSE INSPECTOR GENERAL.**

9 Funds are hereby authorized to be appropriated for  
10 the Department of Defense for fiscal year 2018 for ex-  
11 penses, not otherwise provided for, for the Office of the  
12 Inspector General of the Department of Defense, as speci-  
13 fied in the funding table in section 4502.

14 **SEC. 1510. DEFENSE HEALTH PROGRAM.**

15 Funds are hereby authorized to be appropriated for  
16 the Department of Defense for fiscal year 2018 for ex-  
17 penses, not otherwise provided for, for the Defense Health  
18 Program, as specified in the funding table in section 4502.

19 **Subtitle B—Financial Matters**

20 **SEC. 1511. TREATMENT AS ADDITIONAL AUTHORIZATIONS.**

21 The amounts authorized to be appropriated by this  
22 title are in addition to amounts otherwise authorized to  
23 be appropriated by this Act.

24 **SEC. 1512. SPECIAL TRANSFER AUTHORITY.**

25 (a) **AUTHORITY TO TRANSFER AUTHORIZATIONS.—**

1 (1) **AUTHORITY.**—Upon determination by the  
2 Secretary of Defense that such action is necessary in  
3 the national interest, the Secretary may transfer  
4 amounts of authorizations made available to the De-  
5 partment of Defense in this title for fiscal year 2018  
6 between any such authorizations for that fiscal year  
7 (or any subdivisions thereof). Amounts of authoriza-  
8 tions so transferred shall be merged with and be  
9 available for the same purposes as the authorization  
10 to which transferred.

11 (2) **LIMITATION.**—The total amount of author-  
12 izations that the Secretary may transfer under the  
13 authority of this subsection may not exceed  
14 \$2,500,000,000.

15 (b) **TERMS AND CONDITIONS.**—Transfers under this  
16 section shall be subject to the same terms and conditions  
17 as transfers under section 1001.

18 (c) **ADDITIONAL AUTHORITY.**—The transfer author-  
19 ity provided by this section is in addition to the transfer  
20 authority provided under section 1001.

## 21 **Subtitle C—Limitations, Reports,** 22 **and Other Matters**

### 23 **SEC. 1521. AFGHANISTAN SECURITY FORCES FUND.**

24 (a) **CONTINUATION OF PRIOR AUTHORITIES AND NO-**  
25 **TICE AND REPORTING REQUIREMENTS.**—Funds available

1 to the Department of Defense for the Afghanistan Secu-  
2 rity Forces Fund for fiscal year 2018 shall be subject to  
3 the conditions contained in subsections (b) through (g) of  
4 section 1513 of the National Defense Authorization Act  
5 for Fiscal Year 2008 (Public Law 110–181; 122 Stat.  
6 428), as amended by section 1531(b) of the Ike Skelton  
7 National Defense Authorization Act for Fiscal Year 2011  
8 (Public Law 111–383; 124 Stat. 4424).

9 (b) EQUIPMENT DISPOSITION.—

10 (1) ACCEPTANCE OF CERTAIN EQUIPMENT.—

11 Subject to paragraph (2), the Secretary of Defense  
12 may accept equipment that is procured using  
13 amounts in the Afghanistan Security Forces Fund  
14 authorized under this Act and is intended for trans-  
15 fer to the security forces of Afghanistan, but is not  
16 accepted by such security forces.

17 (2) CONDITIONS ON ACCEPTANCE OF EQUIP-

18 MENT.—Before accepting any equipment under the  
19 authority provided by paragraph (1), the Com-  
20 mander of United States forces in Afghanistan shall  
21 make a determination that the equipment was pro-  
22 cured for the purpose of meeting requirements of the  
23 security forces of Afghanistan, as agreed to by both  
24 the Government of Afghanistan and the United  
25 States, but is no longer required by such security

1 forces or was damaged before transfer to such secu-  
2 rity forces.

3 (3) ELEMENTS OF DETERMINATION.—In mak-  
4 ing a determination under paragraph (2) regarding  
5 equipment, the Commander of United States forces  
6 in Afghanistan shall consider alternatives to Sec-  
7 retary of Defense acceptance of the equipment. An  
8 explanation of each determination, including the  
9 basis for the determination and the alternatives con-  
10 sidered, shall be included in the relevant quarterly  
11 report required under paragraph (5).

12 (4) TREATMENT AS DEPARTMENT OF DEFENSE  
13 STOCKS.—Equipment accepted under the authority  
14 provided by paragraph (1) may be treated as stocks  
15 of the Department of Defense upon notification to  
16 the congressional defense committees of such treat-  
17 ment.

18 (5) QUARTERLY REPORTS ON EQUIPMENT DIS-  
19 POSITION.—

20 (A) IN GENERAL.—Not later than 90 days  
21 after the date of the enactment of this Act and  
22 every 90-day period thereafter during which the  
23 authority provided by paragraph (1) is exer-  
24 cised, the Secretary of Defense shall submit to  
25 the congressional defense committees a report

1 describing the equipment accepted during the  
2 period covered by such report under the fol-  
3 lowing:

4 (i) This subsection.

5 (ii) Section 1521(b) of the National  
6 Defense Authorization Act for Fiscal Year  
7 2017 (Public Law 114–328; 130 Stat.  
8 2575).

9 (iii) Section 1531(b) of the National  
10 Defense Authorization Act for Fiscal Year  
11 2016 (Public Law 114–92; 129 Stat.  
12 1088).

13 (iv) Section 1532(b) of the Carl Levin  
14 and Howard P. “Buck” McKeon National  
15 Defense Authorization Act for Fiscal Year  
16 2015 (Public Law 113–291; 128 Stat.  
17 3613).

18 (v) Section 1531(d) of the National  
19 Defense Authorization Act for Fiscal Year  
20 2014 (Public Law 113–66; 127 Stat. 938;  
21 10 U.S.C. 2302 note).

22 (B) ELEMENTS.—Each report under sub-  
23 paragraph (A) shall include a list of all equip-  
24 ment that was accepted during the period cov-  
25 ered by the report and treated as stocks of the

1 Department of Defense and copies of the deter-  
2 minations made under paragraph (2), as re-  
3 quired by paragraph (3).

4 (c) SECURITY OF AFGHAN WOMEN.—

5 (1) IN GENERAL.—Of the funds available to the  
6 Department of Defense for the Afghanistan Security  
7 Forces Fund for fiscal year 2018, it is the goal that  
8 \$41,000,000, but in no event less than \$10,000,000,  
9 shall be used for—

10 (A) the recruitment, integration, retention,  
11 training, and treatment of women in the Af-  
12 ghan National Defense and Security Forces;  
13 and

14 (B) the recruitment, training, and con-  
15 tracting of female security personnel for future  
16 elections.

17 (2) TYPES OF PROGRAMS AND ACTIVITIES.—

18 Such programs and activities may include—

19 (A) efforts to recruit women into the Af-  
20 ghan National Defense and Security Forces, in-  
21 cluding the special operations forces;

22 (B) programs and activities of the Afghan  
23 Ministry of Defense Directorate of Human  
24 Rights and Gender Integration and the Afghan



1 Ministry of Interior Office of Human Rights,  
2 Gender and Child Rights;

3 (C) development and dissemination of gen-  
4 der and human rights educational and training  
5 materials and programs within the Afghan Min-  
6 istry of Defense and the Afghan Ministry of In-  
7 terior;

8 (D) efforts to address harassment and vio-  
9 lence against women within the Afghan Na-  
10 tional Defense and Security Forces;

11 (E) improvements to infrastructure that  
12 address the requirements of women serving in  
13 the Afghan National Defense and Security  
14 Forces, including appropriate equipment for fe-  
15 male security and police forces, and transpor-  
16 tation for policewomen to their station;

17 (F) support for Afghanistan National Po-  
18 lice Family Response Units; and

19 (G) security provisions for high-profile fe-  
20 male police and army officers.

21 (d) ASSESSMENT OF AFGHANISTAN PROGRESS ON  
22 SECURITY OBJECTIVES.—

23 (1) ASSESSMENT REQUIRED.—Not later than  
24 June 1, 2018, the Secretary of Defense shall, in con-  
25 sultation with the Secretary of State, submit to the

1 Committee on Armed Services and the Committee on  
2 Foreign Affairs of the House of Representatives and  
3 the Committee on Armed Services and the Com-  
4 mittee on Foreign Relations of the Senate an assess-  
5 ment describing the progress of the Government of  
6 the Islamic Republic of Afghanistan toward meeting  
7 shared security objectives. In conducting such as-  
8 sessment, the Secretary of Defense shall consider  
9 each of the following:

10 (A) The extent to which the Government of  
11 Afghanistan has taken steps toward increased  
12 accountability and reducing corruption within  
13 the Ministries of Defense and Interior.

14 (B) The extent to which the capability and  
15 capacity of the Afghan National Defense and  
16 Security Forces have improved as a result of  
17 Afghanistan Security Forces Fund investment,  
18 including through training.

19 (C) The extent to which the Afghan Na-  
20 tional Defense and Security Forces have been  
21 able to increase pressure on the Taliban, al-  
22 Qaeda, the Haqqani network, and other ter-  
23 rorist organizations, including by re-taking ter-  
24 ritory, defending territory, and disrupting at-  
25 tacks.

1 (D) Whether or not the Government of Af-  
2 ghanistan is ensuring that supplies, equipment,  
3 and weaponry supplied by the United States are  
4 appropriately distributed to security forces  
5 charged with fighting the Taliban and other  
6 terrorist organizations.

7 (E) Such other factors as the Secretaries  
8 consider appropriate.

9 (2) WITHHOLDING OF ASSISTANCE FOR INSUF-  
10 FICIENT PROGRESS.—

11 (A) IN GENERAL.—If the Secretary of De-  
12 fense determines, in coordination with the Sec-  
13 retary of State, pursuant to the assessment  
14 under paragraph (1) that the Government of  
15 Afghanistan has made insufficient progress, the  
16 Secretary of Defense may withhold assistance  
17 for the Afghan National Defense and Security  
18 Forces until such time as the Secretary deter-  
19 mines sufficient progress has been made.

20 (B) NOTICE TO CONGRESS.—If the Sec-  
21 retary of Defense withholds assistance under  
22 subparagraph (A), the Secretary shall, in co-  
23 ordination with the Secretary of State, provide  
24 notice to Congress not later than 30 days after

1 making the decision to withhold such assist-  
2 ance.

3 (e) INSPECTOR GENERAL OVERSIGHT OF FUND.—

4 (1) QUALITY STANDARDS FOR IG PRODUCTS.—

5 Except as provided in paragraph (3), each product  
6 published or issued by an Inspector General relating  
7 to the oversight of programs and activities funded  
8 under the Afghanistan Security Forces Fund shall  
9 be prepared—

10 (A) in accordance with the Generally Ac-  
11 cepted Government Auditing Standards/Govern-  
12 ment Auditing Standards (GAGAS/GAS), as  
13 issued and updated by the Government Ac-  
14 countability Office; or

15 (B) if not prepared in accordance with the  
16 standards referred to in subparagraph (A), in  
17 accordance with the Quality Standards for In-  
18 spection and Evaluation issued by the Council  
19 of the Inspectors General on Integrity and Effi-  
20 ciency (commonly referred to as the “CIGIE  
21 Blue Book”).

22 (2) SPECIFICATION OF QUALITY STANDARDS  
23 FOLLOWED.—Each product published or issued by  
24 an Inspector General relating to the oversight of  
25 programs and activities funded under the Afghani-

1 stan Security Forces Fund shall cite within such  
2 product the quality standards followed in conducting  
3 and reporting the work concerned.

4 (3) WAIVER.—The Lead Inspector General for  
5 Operation Freedom’s Sentinel may waive the appli-  
6 cability of paragraph (1) to a specific product relat-  
7 ing to the oversight by an Inspector General of ac-  
8 tivities and programs funded under the Afghanistan  
9 Security Forces Fund if the Lead Inspector General  
10 determines that the waiver would facilitate timely ef-  
11 forts to promote efficiency and effectiveness and pre-  
12 vent, detect, and deter fraud, waste, and abuse. Any  
13 product published or issued pursuant to a waiver  
14 under this paragraph shall include a statement that  
15 work for such product was not conducted in accord-  
16 ance with the standards referred to in paragraph (1)  
17 and an explanation why such standards were not  
18 employed.

19 **SEC. 1522. JOINT IMPROVISED-THREAT DEFEAT FUND.**

20 (a) USE AND TRANSFER OF FUNDS.—Subsections  
21 (b) and (c) of section 1514 of the John Warner National  
22 Defense Authorization Act for Fiscal Year 2007 (Public  
23 Law 109–364; 120 Stat. 2439), as in effect before the  
24 amendments made by section 1503 of the Duncan Hunter  
25 National Defense Authorization Act for Fiscal Year 2009

1 (Public Law 110–417; 122 Stat. 4649), shall apply to the  
2 funds made available for fiscal year 2018 to the Depart-  
3 ment of Defense for the Joint Improvised-Threat Defeat  
4 Fund.

5 (b) INTERDICTION OF IMPROVISED EXPLOSIVE DE-  
6 VICE PRECURSOR CHEMICALS.—

7 (1) AVAILABILITY OF FUNDS.—Of the funds  
8 made available to the Department of Defense for the  
9 Joint Improvised-Threat Defeat Fund for fiscal year  
10 2018, \$15,000,000 may be available to the Secretary  
11 of Defense, with the concurrence of the Secretary of  
12 State, to provide training, equipment, supplies, and  
13 services to ministries and other entities of foreign  
14 governments that the Secretary has identified as  
15 critical for countering the flow of improvised explo-  
16 sive device precursor chemicals.

17 (2) PROVISION THROUGH OTHER US AGEN-  
18 CIES.—If jointly agreed upon by the Secretary of  
19 Defense and the head of another department or  
20 agency of the United States Government, the Sec-  
21 retary of Defense may transfer funds available  
22 under paragraph (1) to such department or agency  
23 for the provision by such department or agency of  
24 training, equipment, supplies, and services to min-

1       istries and other entities of foreign governments as  
2       described in that paragraph.

3           (3) NOTICE TO CONGRESS.—None of the funds  
4       made available pursuant to paragraph (1) may be  
5       obligated or expended to supply training, equipment,  
6       supplies, or services to a foreign country before the  
7       date that is 15 days after the date on which the Sec-  
8       retary of Defense, in coordination with the Secretary  
9       of State, submits to the Committee on Armed Serv-  
10      ices and the Committee on Foreign Relations of the  
11      Senate and the Committee on Armed Services and  
12      the Committee on Foreign Affairs of the House of  
13      Representatives a notice that contains—

14           (A) the foreign country for which training,  
15           equipment, supplies, or services are proposed to  
16           be supplied;

17           (B) a description of the training, equip-  
18           ment, supplies, and services to be provided  
19           using such funds;

20           (C) a detailed description of the amount of  
21           funds proposed to be obligated or expended to  
22           supply such training, equipment, supplies or  
23           services, including any funds proposed to be ob-  
24           ligated or expended to support the participation  
25           of another department or agency of the United

1 States and a description of the training, equip-  
2 ment, supplies, or services proposed to be sup-  
3 plied;

4 (D) an evaluation of the effectiveness of  
5 the efforts of the foreign country identified  
6 under subparagraph (A) to counter the flow of  
7 improvised explosive device precursor chemicals;  
8 and

9 (E) an overall plan for countering the flow  
10 of precursor chemicals in the foreign country  
11 identified under subparagraph (A).

12 (4) EXPIRATION.—The authority provided by  
13 this subsection expires on December 31, 2018.

14 **SEC. 1523. COMPTROLLER GENERAL REPORT ON FEASI-**  
15 **BILITY OF SEPARATION OF EXPENDITURES.**

16 (a) IN GENERAL.—Not later than one year after the  
17 date of the enactment of this Act, the Comptroller General  
18 of the United States shall submit to the Committees on  
19 Armed Services of the Senate and the House of Represent-  
20 atives a report assessing the feasibility of separating ex-  
21 penditures of amounts appropriated for overseas contin-  
22 gency operations from expenditures of all other amounts  
23 appropriated for the Department of Defense.

24 (b) ELEMENTS.—The report required under sub-  
25 section (a) shall include each of the following:



1           (1) A review of the processes the Department  
2 of Defense currently employs to separate expendi-  
3 tures of amounts appropriated for overseas contin-  
4 gency operations from expenditures of all other  
5 amounts appropriated for the Department of De-  
6 fense.

7           (2) A review of the processes the Department  
8 of the Treasury currently employs to separate ex-  
9 penditures of amounts appropriated for overseas  
10 contingency operations from expenditures of all  
11 other amounts appropriated for the Department of  
12 Defense.

13           (3) A comparison between each of the processes  
14 described in paragraphs (1) and (2) and generally  
15 accepted accounting principles.

16           (4) A description of the costs and requirements  
17 associated with implementing proposed alternatives  
18 to the processes described in paragraphs (1) and (2)  
19 for more effectively separating expenditures of  
20 amounts appropriated for overseas contingency oper-  
21 ations from expenditures of all other amounts appro-  
22 priated for the Department of Defense.

23           (5) Any related information the Comptroller  
24 General considers appropriate.

1 **SEC. 1524. GUIDELINES FOR BUDGET ITEMS TO BE COV-**  
2 **ERED BY OVERSEAS CONTINGENCY OPER-**  
3 **ATIONS ACCOUNTS.**

4 Not later than 270 days after the date of the enact-  
5 ment of this Act, the Secretary of Defense, in consultation  
6 with the Director of Management and Budget, shall up-  
7 date the guidelines regarding the budget items that may  
8 be covered by overseas contingency operations accounts.

9 **TITLE XVI—STRATEGIC PRO-**  
10 **GRAMS, CYBER, AND INTEL-**  
11 **LIGENCE MATTERS**

Subtitle A—Space Activities

- Sec. 1601. Space acquisition and management and oversight.
- Sec. 1602. Codification, extension, and modification of limitation on construction on United States territory of satellite positioning ground monitoring stations of foreign governments.
- Sec. 1603. Foreign commercial satellite services: cybersecurity threats and launches.
- Sec. 1604. Extension of pilot program on commercial weather data.
- Sec. 1605. Evolved Expendable Launch Vehicle modernization and sustainment of assured access to space.
- Sec. 1606. Demonstration of backup and complementary positioning, navigation, and timing capabilities of Global Positioning System.
- Sec. 1607. Enhancement of positioning, navigation, and timing capacity.
- Sec. 1608. Commercial satellite communications pathfinder program.
- Sec. 1609. Launch support and infrastructure modernization.
- Sec. 1610. Limitation on availability of funding for Joint Space Operations Center mission system.
- Sec. 1611. Limitation on use of funds for Delta IV launch vehicle.
- Sec. 1612. Air Force space contractor responsibility watch list.
- Sec. 1613. Certification and briefing on operational and contingency plans for loss or degradation of space capabilities.
- Sec. 1614. Report on protected satellite communications.
- Sec. 1615. Sense of Congress on establishment of Space Flag training event.
- Sec. 1616. Sense of Congress on coordinating efforts to prepare for space weather events.
- Sec. 1617. Sense of Congress on National Space Defense Center.

Subtitle B—Defense Intelligence and Intelligence-Related Activities

- Sec. 1621. Security clearances for facilities of certain companies.
- Sec. 1622. Extension of authority to engage in certain commercial activities.

- Sec. 1623. Submission of audits of commercial activity funds.
- Sec. 1624. Clarification of annual briefing on the intelligence, surveillance, and reconnaissance requirements of the combatant commands.
- Sec. 1625. Consideration of service by recipients of Boren scholarships and fellowships in excepted service positions as service by such recipients under career appointments for purposes of career tenure.
- Sec. 1626. Review of support provided by Defense intelligence elements to acquisition activities of the Department.
- Sec. 1627. Establishment of Chairman's controlled activity within Joint Staff for intelligence, surveillance, and reconnaissance.
- Sec. 1628. Requirements relating to multi-use sensitive compartmented information facilities.
- Sec. 1629. Limitation on availability of funds for certain counterintelligence activities.

#### Subtitle C—Cyberspace-Related Matters

##### PART I—GENERAL CYBER MATTERS

- Sec. 1631. Notification requirements for sensitive military cyber operations and cyber weapons.
- Sec. 1632. Modification to quarterly cyber operations briefings.
- Sec. 1633. Policy of the United States on cyberspace, cybersecurity, and cyber warfare.
- Sec. 1634. Prohibition on use of products and services developed or provided by Kaspersky Lab.
- Sec. 1635. Modification of authorities relating to establishment of unified combatant command for cyber operations.
- Sec. 1636. Modification of definition of acquisition workforce to include personnel contributing to cybersecurity systems.
- Sec. 1637. Integration of strategic information operations and cyber-enabled information operations.
- Sec. 1638. Exercise on assessing cybersecurity support to election systems of States.
- Sec. 1639. Measurement of compliance with cybersecurity requirements for industrial control systems.
- Sec. 1640. Strategic Cybersecurity Program.
- Sec. 1641. Plan to increase cyber and information operations, deterrence, and defense.
- Sec. 1642. Evaluation of agile or iterative development of cyber tools and applications.
- Sec. 1643. Assessment of defense critical electric infrastructure.
- Sec. 1644. Cyber posture review.
- Sec. 1645. Briefing on cyber capability and readiness shortfalls.
- Sec. 1646. Briefing on cyber applications of blockchain technology.
- Sec. 1647. Briefing on training infrastructure for cyber mission forces.
- Sec. 1648. Report on termination of dual-hat arrangement for Commander of the United States Cyber Command.

##### PART II—CYBERSECURITY EDUCATION

- Sec. 1649. Cyber Scholarship Program.
- Sec. 1649A. Community college cyber pilot program and assessment.
- Sec. 1649B. Federal Cyber Scholarship-for-Service program updates.
- Sec. 1649C. Cybersecurity teaching.

## Subtitle D—Nuclear Forces

- Sec. 1651. Annual assessment of cyber resiliency of nuclear command and control system.
- Sec. 1652. Collection, storage, and sharing of data relating to nuclear security enterprise.
- Sec. 1653. Notifications regarding dual-capable F-35A aircraft.
- Sec. 1654. Oversight of delayed acquisition programs by Council on Oversight of the National Leadership Command, Control, and Communications System.
- Sec. 1655. Establishment of Nuclear Command and Control Intelligence Fusion Center.
- Sec. 1656. Security of nuclear command, control, and communications system from commercial dependencies.
- Sec. 1657. Oversight of aerial-layer programs by Council on Oversight of the National Leadership Command, Control, and Communications System.
- Sec. 1658. Security classification guide for programs relating to nuclear command, control, and communications and nuclear deterrence.
- Sec. 1659. Evaluation and enhanced security of supply chain for nuclear command, control, and communications and continuity of government programs.
- Sec. 1660. Procurement authority for certain parts of intercontinental ballistic missile fuzes.
- Sec. 1661. Presidential National Voice Conferencing System and Phoenix Air-to-Ground Communications Network.
- Sec. 1662. Limitation on pursuit of certain command and control concept.
- Sec. 1663. Prohibition on availability of funds for mobile variant of ground-based strategic deterrent missile.
- Sec. 1664. Prohibition on reduction of the intercontinental ballistic missiles of the United States.
- Sec. 1665. Modification to annual report on plan for the nuclear weapons stockpile, nuclear weapons complex, nuclear weapons delivery systems, and nuclear weapons command and control system.
- Sec. 1666. Establishment of procedures for implementation of Nuclear Enterprise Review.
- Sec. 1667. Report on impacts of nuclear proliferation.
- Sec. 1668. Certification that the Nuclear Posture Review addresses deterrent effect and operation of United States nuclear forces in current and future security environments.
- Sec. 1669. Plan to manage Integrated Tactical Warning and Attack Assessment System and multi-domain sensors.
- Sec. 1670. Certification requirement with respect to strategic radiation hardened trusted microelectronics.
- Sec. 1671. Nuclear Posture Review.
- Sec. 1672. Sense of Congress on importance of independent nuclear deterrent of United Kingdom.

## Subtitle E—Missile Defense Programs

- Sec. 1676. Administration of missile defense and defeat programs.
- Sec. 1677. Condition for proceeding beyond low-rate initial production.
- Sec. 1678. Preservation of the ballistic missile defense capacity of the Army.
- Sec. 1679. Modernization of Army lower tier air and missile defense sensor.
- Sec. 1680. Defense of Hawaii from North Korean ballistic missile attack.
- Sec. 1681. Designation of location of continental United States interceptor site.

- Sec. 1682. Aegis Ashore anti-air warfare capability.
- Sec. 1683. Development of persistent space-based sensor architecture.
- Sec. 1684. Iron Dome short-range rocket defense system and Israeli Cooperative Missile Defense Program co-development and co-production.
- Sec. 1685. Boost phase ballistic missile defense.
- Sec. 1686. Ground-based intercepter capability, capacity, and reliability.
- Sec. 1687. Limitation on availability of funds for ground-based midcourse defense element of the ballistic missile defense system.
- Sec. 1688. Plan for development of space-based ballistic missile intercept layer.
- Sec. 1689. Sense of Congress on the state of the missile defense of the United States.
- Sec. 1690. Sense of Congress and report on ground-based midcourse defense testing.

#### Subtitle F—Other Matters

- Sec. 1691. Commission to Assess the Threat to the United States From Electromagnetic Pulse Attacks and Similar Events.
- Sec. 1692. Protection of certain facilities and assets from unmanned aircraft.
- Sec. 1693. Conventional prompt global strike weapons system.
- Sec. 1694. Business case analysis regarding ammonium perchlorate.
- Sec. 1695. Report on industrial base for large solid rocket motors and related technologies.
- Sec. 1696. Pilot program on enhancing information sharing for security of supply chain.
- Sec. 1697. Pilot program on electromagnetic spectrum mapping.
- Sec. 1698. Use of commercial items in Distributed Common Ground Systems.

## 1           **Subtitle A—Space Activities**

### 2   **SEC. 1601. SPACE ACQUISITION AND MANAGEMENT AND** 3           **OVERSIGHT.**

#### 4           (a) AIR FORCE SPACE COMMAND.—

5           (1) IN GENERAL.—Chapter 135 of title 10,  
 6           United States Code, is amended by adding at the  
 7           end the following new section:

#### 8   **“§ 2279c. Air Force Space Command**

9           “(a) COMMANDER.—(1) The head of the Air Force  
 10          Space Command shall be the Commander of the Air Force  
 11          Space Command, who shall be appointed in accordance  
 12          with section 601 of this title. The officer serving as Com-

1 mander, while so serving, has the grade of general without  
2 vacating the permanent grade of the officer.

3 “(2) The Commander shall be appointed to serve a  
4 term of six years. The Secretary may propose to promote  
5 the individual serving as the Commander during that term  
6 of appointment.

7 “(3) The incumbent Commander may serve as the  
8 first Commander after the date of the enactment of this  
9 Act.

10 “(b) AUTHORITIES.—In addition to the authorities  
11 and responsibilities assigned to the Commander before the  
12 date of the enactment of this section, the Commander has  
13 the sole authority with respect to each of the following:

14 “(1) Organizing, training, and equipping per-  
15 sonnel and operations of the space forces of the Air  
16 Force.

17 “(2) Subject to the direction of the Secretary of  
18 the Air Force, serving as the service acquisition ex-  
19 ecutive under section 1704 of this title for defense  
20 space acquisitions.

21 “(3) In consultation with the Chief Information  
22 Officer of the Department of Defense, procurement  
23 of commercial satellite communications services for  
24 the Department of Defense for such services entered

1 into on or after the date that is one year after the  
2 date of the enactment of this section.”.

3 (2) CLERICAL AMENDMENT.—The table of sec-  
4 tions for such chapter is amended by inserting after  
5 the item relating to section 2279b the following new  
6 item:

“2279c. Air Force Space Command.”.

7 (3) RULE OF CONSTRUCTION.—Nothing in sub-  
8 section (b)(1) of section 2279c of title 10, United  
9 States Code, as added by paragraph (1), may be  
10 construed to prohibit or otherwise affect the author-  
11 ity of the Secretary of the Air Force to provide to  
12 the space forces of the Air Force the services of the  
13 Department of the Air Force relating to basic per-  
14 sonnel functions, the United States Air Force Acad-  
15 emy, recruitment, and basic training.

16 (b) TERMINATION OF CERTAIN POSITIONS AND EN-  
17 TITIES.—

18 (1) IN GENERAL.—Effective 30 days after the  
19 date of the enactment of this Act—

20 (A) the position, and the office of, the  
21 Principal Department of Defense Space Advisor  
22 (previously known as the Department of De-  
23 fense Executive Agent for Space) shall be ter-  
24 minated;

1 (B) the duties, responsibilities, and per-  
2 sonnel of such office specified in subparagraph  
3 (A) shall be transferred to a single official se-  
4 lected by the Deputy Secretary of Defense,  
5 without delegation, except the Deputy Secretary  
6 may not select the Secretary of the Air Force  
7 nor the Under Secretary of Defense for Intel-  
8 ligence;

9 (C) any reference in Federal law, regula-  
10 tions, guidance, instructions, or other docu-  
11 ments of the Federal Government to the Prin-  
12 cipal Department of Defense Space Advisor or  
13 the Department of Defense Executive Agent for  
14 Space shall be deemed to be a reference to the  
15 official selected by the Deputy Secretary under  
16 subparagraph (B);

17 (D) the position, and the office of, the  
18 Deputy Chief of Staff of the Air Force for  
19 Space Operations shall be terminated; and

20 (E) the Defense Space Council shall be  
21 terminated.

22 (2) PRINCIPAL ADVISOR ON SPACE CONTROL.—

23 (A) REPEAL.—Section 2279a of title 10,  
24 United States Code, is repealed.



1 (B) CLERICAL AMENDMENT.—The table of  
2 sections for chapter 135 of such title is amend-  
3 ed by striking the item relating to section  
4 2279a.

5 (b) REDESIGNATION OF OPERATIONALLY RESPON-  
6 SIVE SPACE PROGRAM OFFICE AS SPACE RAPID CAPA-  
7 BILITIES OFFICE; REPORTING TO AIR FORCE SPACE  
8 COMMAND.—

9 (1) IN GENERAL.—Section 2273a of title 10,  
10 United States Code, is amended—

11 (A) in the section heading, by striking  
12 **“Operationally Responsive Space Pro-**  
13 **gram”** and inserting **“Space Rapid Capa-**  
14 **bilities”**;

15 (B) in subsection (a)—

16 (i) by striking “Air Force Space and  
17 Missile Systems Center of the Department  
18 of Defense” and inserting “Air Force  
19 Space Command”; and

20 (ii) by striking “Operationally Re-  
21 sponsive Space Program” and inserting  
22 “Space Rapid Capabilities”;

23 (C) in subsection (b), by striking “Air  
24 Force Space and Missile Systems Center” and  
25 inserting “Air Force Space Command”;

1 (D) in subsections (c) and (f), by striking  
2 “operationally responsive space” each place it  
3 appears and inserting “space rapid capabili-  
4 ties”;

5 (E) in subsection (d)—

6 (i) in the matter preceding paragraph  
7 (1), by striking “operationally responsive  
8 space” and inserting “space rapid capabili-  
9 ties”;

10 (ii) in paragraph (1), by striking “ca-  
11 pabilities for operationally responsive  
12 space” and inserting “space rapid capabili-  
13 ties”;

14 (iii) in paragraphs (2) and (3), by  
15 striking “operationally responsive space”  
16 each place it appears and inserting “space  
17 rapid capabilities”; and

18 (iv) in paragraph (4), by striking  
19 “operationally responsive space capabili-  
20 ties” and inserting “space rapid capabili-  
21 ties”.

22 (F) in subsection (g)(1), by striking  
23 “Operationally Responsive Space” and inserting  
24 “Space Rapid Capabilities”.

1           (2) CLERICAL AMENDMENT.—The table of sec-  
2           tions for chapter 135 of such title is amended by  
3           striking the item relating to section 2273a and in-  
4           serting the following new item:

“2273a. Space Rapid Capabilities Office.”.

5           (c) REVIEW OF STRUCTURE.—

6           (1) REVIEW.—The Deputy Secretary of De-  
7           fense shall conduct a review and identify a rec-  
8           ommended organizational and management structure  
9           for the national security space components of the  
10          Department of Defense, including the Air Force  
11          Space Command, that implements the organizational  
12          policy guidance expressed in this section and the  
13          amendments made by this section.

14          (2) INTERIM REPORT.—Not later than March  
15          1, 2018, the Deputy Secretary of Defense shall sub-  
16          mit to the congressional defense committees an in-  
17          terim report on the review and recommended organi-  
18          zational and management structure for the national  
19          security space components of the Department of De-  
20          fense, including the Air Force Space Command,  
21          under paragraph (1).

22          (3) FINAL REPORT.—Not later than August 1,  
23          2018, the Deputy Secretary of Defense shall submit  
24          to the congressional defense committees a final re-  
25          port on the review and recommended organizational

1 and management structure for the national security  
2 space components of the Department of Defense, in-  
3 cluding the Air Force Space Command, under para-  
4 graph (1), including—

5 (A) a proposed implementation plan for  
6 how the Deputy Secretary would implement the  
7 recommendations;

8 (B) recommendations for revisions to ap-  
9 pointments and qualifications, duties and pow-  
10 ers, and precedent in the Department;

11 (C) recommendations for such legislative  
12 and administrative action, including conforming  
13 and other amendments to law, as the Deputy  
14 Secretary considers appropriate to implement  
15 the plan; and

16 (D) any other matters that the Deputy  
17 Secretary considers appropriate.

18 (4) PROHIBITION ON DELEGATION.—The Dep-  
19 uty Secretary of Defense may not delegate the au-  
20 thority to carry out this subsection.

21 (d) INDEPENDENT PLAN TO ESTABLISH MILITARY  
22 DEPARTMENT.—

23 (1) PLAN.—Not later than 45 days after the  
24 date of the enactment of this Act, the Deputy Sec-  
25 retary of Defense shall seek to enter into a contract

1 with a federally funded research and development  
2 center that is not closely affiliated with the Depart-  
3 ment of the Air Force to develop a plan to establish  
4 a separate military department responsible for the  
5 national security space activities of the Department  
6 of Defense. Such plan shall include recommenda-  
7 tions for legislative language.

8 (2) INTERIM REPORT.—Not later than August  
9 1, 2018, the Deputy Secretary shall submit to the  
10 congressional defense committees an interim report  
11 on the plan developed under paragraph (1).

12 (3) FINAL REPORT.—Not later than December  
13 31, 2018, the Deputy Secretary shall submit to the  
14 congressional defense committees a final report con-  
15 taining the plan developed under paragraph (1),  
16 without change.

17 **SEC. 1602. CODIFICATION, EXTENSION, AND MODIFICATION**  
18 **OF LIMITATION ON CONSTRUCTION ON**  
19 **UNITED STATES TERRITORY OF SATELLITE**  
20 **POSITIONING GROUND MONITORING STA-**  
21 **TIONS OF FOREIGN GOVERNMENTS.**

22 (a) CODIFICATION, EXTENSION, AND MODIFICA-  
23 TION.—Chapter 135 of title 10, United States Code, is  
24 amended by adding at the end the following new section:

1 **“§ 2279c. Limitation on construction on United States**  
2 **territory of satellite positioning ground**  
3 **monitoring stations of certain foreign**  
4 **governments.**

5 “(b) EXCEPTION.—The limitation in subsection (a)  
6 shall not apply to foreign governments that are allies of  
7 the United States.

8 “(c) SUNSET.—The limitation in subsection (a) shall  
9 terminate on December 31, 2023.”.

10 (b) TRANSFER OF PROVISION.—Subsection (b) of  
11 section 1602 of the National Defense Authorization Act  
12 for Fiscal Year 2014 (Public Law 113–66; 10 U.S.C.  
13 2281 note) is—

14 (1) transferred to section 2279c of title 10,  
15 United States Code, as added by subsection (a);

16 (2) inserted as the first subsection of such sec-  
17 tion;

18 (3) redesignated as subsection (a); and

19 (4) amended—

20 (A) by amending the subsection heading to  
21 read as follows: “LIMITATION”; and

22 (B) by striking paragraph (6).

23 **SEC. 1603. FOREIGN COMMERCIAL SATELLITE SERVICES:**  
24 **CYBERSECURITY THREATS AND LAUNCHES.**

25 (a) CYBERSECURITY RISKS.—Subsection (a) of sec-  
26 tion 2279 of title 10, United States Code, is amended—

1 (1) in paragraph (1), by striking “; or” and in-  
2 serting a semicolon;

3 (2) in paragraph (2), by striking the period at  
4 the end and inserting: “; or”; and

5 (3) by adding at the end the following new  
6 paragraph:

7 “(3) entering into such contract would create  
8 an unacceptable cybersecurity risk for the Depart-  
9 ment of Defense.”.

10 (b) LAUNCHES.—Such section is amended—

11 (1) by redesignating subsections (b) through (e)  
12 as subsections (c) through (f), respectively; and

13 (2) by inserting after subsection (a) the fol-  
14 lowing new subsection (b):

15 “(b) LAUNCHES AND MANUFACTURERS.—

16 “(1) LIMITATION.—In addition to the prohibi-  
17 tion in subsection (a), and except as provided in  
18 paragraph (2) and in subsection (c), the Secretary  
19 may not enter into a contract for satellite services  
20 with any entity if the Secretary reasonably believes  
21 that such satellite services will be provided using  
22 satellites that will be—

23 “(A) designed or manufactured in a cov-  
24 ered foreign country, or by an entity controlled

1 in whole or in part by, or acting on behalf of,  
2 the government of a covered foreign country; or

3 “(B) launched using a launch vehicle that  
4 is designed or manufactured in a covered for-  
5 eign country, or that is provided by the govern-  
6 ment of a covered foreign country or by an enti-  
7 ty controlled in whole or in part by, or acting  
8 on behalf of, the government of a covered for-  
9 eign country, regardless of the location of the  
10 launch (unless such location is in the United  
11 States).

12 “(2) EXCEPTION.—The limitation in paragraph  
13 (1) shall not apply with respect to—

14 “(A) a launch that occurs prior to Decem-  
15 ber 31, 2022; or

16 “(B) a contract or other agreement relat-  
17 ing to launch services that, prior to the date  
18 that is 180 days after the date of the enact-  
19 ment of this subsection, was either fully paid  
20 for by the contractor or covered by a legally  
21 binding commitment of the contractor to pay  
22 for such services.

23 “(3) LAUNCH VEHICLE DEFINED.—In this sub-  
24 section, the term ‘launch vehicle’ means a fully inte-  
25 grated space launch vehicle.”.



1 (c) DEFINITIONS.—Subsection (f) of section 2279 of  
2 title 10, United States Code, as redesignated by subsection  
3 (b)(1)(A), is amended to read as follows:

4 “(f) DEFINITIONS.—In this section:

5 “(1) The term ‘covered foreign country’ means  
6 any of the following:

7 “(A) A country described in section  
8 1261(c)(2) of the National Defense Authoriza-  
9 tion Act for Fiscal Year 2013 (Public Law  
10 112–239; 126 Stat. 2019).

11 “(B) The Russian Federation.

12 “(2) The term ‘cybersecurity risk’ means  
13 threats to and vulnerabilities of information or infor-  
14 mation systems and any related consequences caused  
15 by or resulting from unauthorized access, use, diselo-  
16 sure, degradation, disruption, modification, or de-  
17 struction of such information or information sys-  
18 tems, including such related consequences caused by  
19 an act of terrorism.”.

20 (d) CONFORMING AND CLERICAL AMENDMENTS.—

21 (1) CONFORMING AMENDMENTS.—Such section  
22 2279 is further amended—

23 (A) in the section heading, by striking  
24 “**services**” and inserting “**services and**  
25 **foreign launches**”;

1 (B) by striking “subsection (b)” each place  
2 it appears and inserting “subsection (c)”;

3 (C) in subsection (a)(2), by striking  
4 “launch or other”;

5 (D) in subsection (c), as redesignated by  
6 subsection (b)(1), by striking “prohibition in  
7 subsection (a)” and inserting “prohibitions in  
8 subsection (a) and (b)”;

9 (E) in subsection (d), as so redesignated,  
10 by striking “prohibition under subsection (a)”  
11 and inserting “prohibition under subsection (a)  
12 or (b)”.

13 (2) CLERICAL AMENDMENT.—The table of sec-  
14 tions at the beginning of chapter 135 of title 10,  
15 United States Code, is amended by striking the item  
16 relating to section 2279 and inserting the following:

“2279. Foreign commercial satellite services and foreign launches.”.

17 (e) APPLICATION.—Except as otherwise specifically  
18 provided, the amendments made by this section shall apply  
19 with respect to contracts for satellite services awarded by  
20 the Secretary of Defense on or after the date of the enact-  
21 ment of this Act.

1 **SEC. 1604. EXTENSION OF PILOT PROGRAM ON COMMER-**  
2 **CIAL WEATHER DATA.**

3 Section 1613 of the National Defense Authorization  
4 Act for Fiscal Year 2017 (Public Law 114–328) is amend-  
5 ed—

6 (1) in subsection (b), by striking “one year”  
7 and inserting “two years”;

8 (2) in subsection (c)—

9 (A) by striking “Committees on Armed  
10 Services of the House of Representatives and  
11 the Senate” each place it appears and inserting  
12 “appropriate congressional committees”; and

13 (B) by adding at the end the following new  
14 paragraph:

15 “(3) APPROPRIATE CONGRESSIONAL COMMIT-  
16 TEES DEFINED.—In this subsection, the term ‘ap-  
17 propriate congressional committees’ means—

18 “(A) the Committees on Armed Services of  
19 the Senate and the House of Representatives;  
20 and

21 “(B) the Select Committee on Intelligence  
22 of the Senate and the Permanent Select Com-  
23 mittee on Intelligence of the House of Rep-  
24 resentatives.”.

1 **SEC. 1605. EVOLVED EXPENDABLE LAUNCH VEHICLE MOD-**  
2 **ERNIZATION AND SUSTAINMENT OF ASSURED**  
3 **ACCESS TO SPACE.**

4 (a) DEVELOPMENT.—

5 (1) EVOLVED EXPENDABLE LAUNCH VEHI-  
6 CLE.—Using funds described in paragraph (3), the  
7 Secretary of Defense may only obligate or expend  
8 funds to carry out the evolved expendable launch ve-  
9 hicle program to—

10 (A) develop a domestic rocket propulsion  
11 system to replace non-allied space launch en-  
12 gines;

13 (B) develop the necessary interfaces to, or  
14 integration of, such domestic rocket propulsion  
15 system with an existing or planned launch vehi-  
16 cle; and

17 (C) develop capabilities necessary to enable  
18 existing or planned commercially available space  
19 launch vehicles or infrastructure that are pri-  
20 marily for national security space missions to  
21 meet the assured access to space requirements  
22 pursuant to section 2273 of title 10, United  
23 States Code.

24 (2) PROHIBITION.—Except as provided in this  
25 section, none of the funds described in paragraph

1 (3) shall be obligated or expended for the evolved ex-  
2 pendable launch vehicle program.

3 (3) FUNDS DESCRIBED.—The funds described  
4 in this paragraph are the funds authorized to be ap-  
5 propriated by this Act or otherwise made available  
6 for fiscal year 2018 for research, development, test,  
7 and evaluation, Air Force, for the evolved expend-  
8 able launch vehicle program.

9 (4) TERMINATION.—The authority to carry out  
10 subparagraphs (A) and (B) of paragraph (1) shall  
11 terminate on the date on which the Secretary of the  
12 Air Force certifies to the congressional defense com-  
13 mittees that a successful full-scale test of a domestic  
14 rocket engine has occurred.

15 (b) OTHER AUTHORITIES.—Nothing in this section  
16 shall affect or prohibit the Secretary from procuring  
17 launch services of evolved expendable launch vehicle  
18 launch systems, including with respect to any associated  
19 operation and maintenance of capabilities and infrastruc-  
20 ture relating to such systems.

21 (c) NOTIFICATION.—Not later than 30 days before  
22 any date on which the Secretary publishes a draft or final  
23 request for proposals, or obligates funds, for the develop-  
24 ment under subsection (a)(1), the Secretary shall notify  
25 the congressional defense committees of such proposed

1 draft or final request for proposals or proposed obligation,  
2 as the case may be. If such proposed draft or final request  
3 for proposals or proposed obligation relates to intelligence  
4 requirements, the Secretary shall also notify the Perma-  
5 nent Select Committee on Intelligence of the House of  
6 Representatives and the Select Committee on Intelligence  
7 of the Senate.

8 (d) ASSESSMENT.—Not later than 120 days after the  
9 date of the enactment of this Act, the Secretary, in coordi-  
10 nation with the Director of Cost Assessment and Program  
11 Evaluation, shall submit to the congressional defense com-  
12 mittees, the Permanent Select Committee on Intelligence  
13 of the House of Representatives, and the Select Committee  
14 on Intelligence of the Senate a report containing an as-  
15 sessment of the most cost-effective method to meet the as-  
16 sured access to space requirements pursuant to section  
17 2273 of title 10, United States Code, with respect to each  
18 of the following periods:

19 (1) The five-year period beginning on the date  
20 of the report.

21 (2) The 10-year period beginning on the date of  
22 the report.

23 (3) The period consisting of the full lifecycle of  
24 the evolved expendable launch vehicle program.

1 (e) ROCKET PROPULSION SYSTEM DEFINED.—In  
2 this section, the term “rocket propulsion system” means,  
3 with respect to the development authorized by subsection  
4 (a)(1), a main booster, first-stage rocket engine (including  
5 such an engine using kerosene or methane-based or other  
6 propellant) or motor. The term does not include a launch  
7 vehicle, an upper stage, a strap-on motor, or related infra-  
8 structure.

9 **SEC. 1606. DEMONSTRATION OF BACKUP AND COMPLEMEN-**  
10 **TARY POSITIONING, NAVIGATION, AND TIM-**  
11 **ING CAPABILITIES OF GLOBAL POSITIONING**  
12 **SYSTEM.**

13 (a) PLAN.—During fiscal year 2018, the Secretary  
14 of Defense, the Secretary of Transportation, and the Sec-  
15 retary of Homeland Security (referred to in this section  
16 as the “Secretaries”) shall jointly develop a plan for car-  
17 rying out a backup GPS capability demonstration. The  
18 plan shall—

19 (1) be based on the results of the study con-  
20 ducted under section 1618 of the National Defense  
21 Authorization Act for Fiscal Year 2017 (Public Law  
22 114–328; 130 Stat. 2595); and

23 (2) include the activities that the Secretaries  
24 determine necessary to carry out such demonstra-  
25 tion.

1 (b) BRIEFING.—Not later than 120 days after the  
2 date of the enactment of this Act, the Secretaries shall  
3 provide to the appropriate congressional committees a  
4 briefing on the plan developed under subsection (a). The  
5 briefing shall include—

6 (1) identification of the sectors that would be  
7 expected to participate in the backup GPS capability  
8 demonstration described in the plan;

9 (2) an estimate of the costs of implementing the  
10 demonstration in each sector identified in paragraph  
11 (1); and

12 (3) an explanation of the extent to which the  
13 demonstration may be carried out with the funds ap-  
14 propriated for such purpose.

15 (c) IMPLEMENTATION.—

16 (1) IN GENERAL.—Subject to the availability of  
17 appropriations and beginning not earlier than the  
18 day after the date on which the briefing is provided  
19 under subsection (b), the Secretaries shall jointly  
20 initiate the backup GPS capability demonstration to  
21 the extent described under subsection (b)(3).

22 (2) TERMINATION.—The authority to carry out  
23 the backup GPS capability demonstration under  
24 paragraph (1) shall terminate on the date that is 18  
25 months after the date of the enactment of this Act.



1 (d) REPORT.—Not later than 18 months after the  
2 date of the enactment of this Act, the Secretaries shall  
3 submit to the appropriate congressional committees a re-  
4 port on the backup GPS capability demonstration carried  
5 out under subsection (c) that includes—

6 (1) a description of the opportunities and chal-  
7 lenges learned from such demonstration; and

8 (2) a description of the next actions the Secre-  
9 taries determine appropriate to backup and com-  
10 plement the positioning, navigation, and timing ca-  
11 pabilities of the Global Positioning System for na-  
12 tional security and critical infrastructure, including,  
13 at a minimum, the timeline and funding required to  
14 issue a request for proposals for such capabilities.

15 (e) NSPD–39.—

16 (1) JOINT FUNDING.—The costs to carry out  
17 this section shall be consistent with the responsibil-  
18 ities established in National Security Presidential  
19 Directive 39 titled “U.S. Space-Based Positioning,  
20 Navigation, and Timing Policy”.

21 (2) CONSTRUCTION.—Nothing in this section  
22 may be construed to modify the roles or responsibil-  
23 ities established in such National Security Presi-  
24 dential Directive 39.

1 (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
2 authorized to be appropriated to carry out this section for  
3 fiscal year 2018 not more than \$10,000,000 for the De-  
4 partment of Defense, as specified in the funding tables  
5 in division D.

6 (g) DEFINITIONS.—In this section:

7 (1) The term “appropriate congressional com-  
8 mittees” means—

9 (A) the congressional defense committees;

10 (B) the Committee on Science, Space, and  
11 Technology, the Committee on Transportation  
12 and Infrastructure, and the Committee on  
13 Homeland Security of the House of Representa-  
14 tives; and

15 (C) the Committee on Commerce, Science,  
16 and Transportation and the Committee on  
17 Homeland Security and Governmental Affairs  
18 of the Senate.

19 (2) The term “backup GPS capability dem-  
20 onstration” means a proof-of-concept demonstration  
21 of capabilities to backup and complement the posi-  
22 tioning, navigation, and timing capabilities of the  
23 Global Positioning System for national security and  
24 critical infrastructure.

1 **SEC. 1607. ENHANCEMENT OF POSITIONING, NAVIGATION,**  
2 **AND TIMING CAPACITY.**

3 (a) PLAN.—The Secretary of Defense, acting through  
4 the Council on Oversight of the Department of Defense  
5 Positioning, Navigation, and Timing Enterprise estab-  
6 lished by section 2279b of title 10, United States Code,  
7 shall develop a plan to increase the positioning, navigation,  
8 and timing capacity of the Department of Defense to pro-  
9 vide resilience to the positioning, navigation, and timing  
10 capabilities of the Department. Such plan shall—

11 (1) ensure that military Global Positioning Sys-  
12 tem user equipment terminals have the capability,  
13 including with appropriate mitigation efforts, to re-  
14 ceive trusted signals from the Galileo satellites of the  
15 European Union and the QZSS satellites of Japan,  
16 beginning with increment 2 of the acquisition of  
17 such terminals;

18 (2) evaluate the risks and benefits with respect  
19 to ensuring the capability described in paragraph  
20 (1);

21 (3) include an assessment of the feasibility,  
22 benefits, and risks of military Global Positioning  
23 System user equipment terminals having the capa-  
24 bility to receive non-allied positioning, navigation,  
25 and timing signals, beginning with increment 2 of  
26 the acquisition of such terminals;

1           (4) include an assessment of options to use  
2 hosted payloads to provide redundancy for the Glob-  
3 al Positioning System signal;

4           (5) ensure that the Secretary, with the concur-  
5 rence of the Secretary of State, engages with rel-  
6 evant allies of the United States to—

7           (A) enable military Global Positioning Sys-  
8 tem user equipment terminals to receive the po-  
9 sitioning, navigation, and timing signals of such  
10 allies; and

11           (B) negotiate other potential agreements  
12 relating to the enhancement of positioning,  
13 navigation, and timing;

14           (6) include any other options the Secretary of  
15 Defense determines appropriate and a determination  
16 by the Secretary regarding whether the plan should  
17 be implemented; and

18           (7) include an evaluation by the Director of Na-  
19 tional Intelligence of the benefits and risks of using  
20 non-allied positioning, navigation, and timing sig-  
21 nals.

22           (b) SUBMISSION.—Not later than 120 days after the  
23 date of the enactment of this Act, the Secretary shall—

24           (1) submit to the congressional defense commit-  
25 tees, the Committee on Foreign Affairs of the House

1 of Representatives, and the Committee on Foreign  
2 Relations of the Senate the plan under subsection  
3 (a); and

4 (2) submit to the Permanent Select Committee  
5 on Intelligence of the House of Representatives and  
6 the Select Committee on Intelligence of the Senate  
7 the evaluation described in paragraph (6) of such  
8 subsection.

9 **SEC. 1608. COMMERCIAL SATELLITE COMMUNICATIONS**  
10 **PATHFINDER PROGRAM.**

11 (a) REPORT.—Not later than March 1, 2018, the  
12 Secretary of the Air Force shall submit to the Committees  
13 on Armed Services of the Senate and the House of Rep-  
14 resentatives a report that includes the views and plans of  
15 the Secretary with respect to using the transaction author-  
16 ity provided by section 2371 of title 10, United States  
17 Code, to acquire from commercial providers a portion of  
18 the satellite bandwidth, ground services, and advanced  
19 services for the pathfinder program.

20 (b) DEFINITION.—In this section, the term “path-  
21 finder program” means the commercial satellite commu-  
22 nications programs of the Air Force designed to dem-  
23 onstrate the feasibility of new, alternative acquisition and  
24 procurement models for commercial satellite communica-  
25 tions.

1 **SEC. 1609. LAUNCH SUPPORT AND INFRASTRUCTURE MOD-**  
2 **ERNIZATION.**

3 (a) **IN GENERAL.**—In support of the policy specified  
4 in section 2273 of title 10, United States Code, the Sec-  
5 retary of Defense shall carry out a program to modernize  
6 infrastructure and improve support activities for the proc-  
7 essing and launch of United States national security space  
8 vehicles launching from Federal ranges.

9 (b) **ELEMENTS.**—The program under subsection (a)  
10 shall include—

11 (1) investments in infrastructure to improve op-  
12 erations at the Eastern and Western Ranges that  
13 may benefit all users, to enhance the overall capa-  
14 bilities of ranges, to improve safety, and to reduce  
15 the long-term cost of operations and maintenance;

16 (2) measures to normalize processes, systems,  
17 and products across the Eastern and Western  
18 ranges to minimize the burden on launch providers;  
19 and

20 (3) improvements in transparency, flexibility,  
21 and, responsiveness for launch scheduling.

22 (c) **CONSULTATION.**—In carrying out the program  
23 under subsection (a), the Secretary may consult with cur-  
24 rent and anticipated users of the Eastern and Western  
25 Ranges.

1 (d) COOPERATION.—In carrying out the program  
2 under subsection (a), the Secretary may consider partner-  
3 ships authorized under section 2276 of title 10, United  
4 States Code.

5 (e) REPORT.—

6 (1) REPORT REQUIRED.—Not later than 120  
7 days after the date of the enactment of this Act, the  
8 Secretary shall submit to the congressional defense  
9 committees a report on the plan for the implementa-  
10 tion of the program under subsection (a).

11 (2) ELEMENTS.—The report under paragraph  
12 (1) shall include—

13 (A) a description of plans and the re-  
14 sources needed to improve launch support infra-  
15 structure, utilities, support equipment, and  
16 range operations;

17 (B) a description of plans to streamline  
18 and normalize processes, systems, and products  
19 at the Eastern and Western ranges, to ensure  
20 consistency for range users; and

21 (C) recommendations for improving trans-  
22 parency, flexibility, and responsiveness in  
23 launch scheduling.

1 **SEC. 1610. LIMITATION ON AVAILABILITY OF FUNDING FOR**  
2 **JOINT SPACE OPERATIONS CENTER MISSION**  
3 **SYSTEM.**

4 (a) **LIMITATION.**—Of the funds authorized to be ap-  
5 propriated by this Act or otherwise made available for fis-  
6 cal year 2018 for the Joint Space Operations Center mis-  
7 sion system, not more than 75 percent may be obligated  
8 or expended until the date on which the Secretary of the  
9 Air Force certifies to the congressional defense committees  
10 that the Secretary has developed the plan under sub-  
11 section (b).

12 (b) **PLAN.**—The Secretary shall develop and imple-  
13 ment a plan to operationalize existing commercial space  
14 situational awareness capabilities to address warfighter re-  
15 quirements, consistent with the best-in-breed concept. Ex-  
16 cept as provided by subsection (c), the Secretary shall  
17 commence such implementation by not later than May 30,  
18 2018.

19 (c) **WAIVER.**—The Secretary may waive the imple-  
20 mentation of the plan developed under subsection (b) if  
21 the Secretary determines that existing commercial capa-  
22 bilities will not address national security requirements or  
23 existing space situational awareness capability gaps. The  
24 authority under this subsection may not be delegated  
25 below the Deputy Secretary of Defense.



1 **SEC. 1611. LIMITATION ON USE OF FUNDS FOR DELTA IV**  
2 **LAUNCH VEHICLE.**

3 None of the funds authorized to be appropriated by  
4 this Act or otherwise made available for fiscal year 2018  
5 or any fiscal year thereafter for the Air Force may be obli-  
6 gated or expended to maintain infrastructure, system en-  
7 gineering, critical skills, base and range support, deprecia-  
8 tion, or sustainment commodities for the Delta IV launch  
9 vehicle until the date on which the Secretary of the Air  
10 Force submits to the congressional defense committees a  
11 certification that the Air Force plans to launch a satellite  
12 procured by the Air Force on a Delta IV launch vehicle  
13 during the three-year period beginning on the date of the  
14 certification.

15 **SEC. 1612. AIR FORCE SPACE CONTRACTOR RESPONSIB-**  
16 **BILITY WATCH LIST.**

17 (a) IN GENERAL.—The Commander of the Air Force  
18 Space and Missile Systems Center shall establish and  
19 maintain a watch list of contractors with a history of poor  
20 performance on space procurement contracts or research,  
21 development, test, and evaluation space program con-  
22 tracts.

23 (b) BASIS FOR INCLUSION ON LIST.—

24 (1) DETERMINATION.—The Commander may  
25 place a contractor on the watch list established  
26 under subsection (a) upon determining that the abil-

1           ity of the contractor to perform a contract specified  
2           in such subsection is uncertain because of any of the  
3           following issues:

4                   (A) Poor performance or award fee scores  
5                   below 50 percent.

6                   (B) Financial concerns.

7                   (C) Felony convictions or civil judgements.

8                   (D) Security or foreign ownership and con-  
9                   trol issues.

10           (2) DISCRETION OF THE COMMANDER.—The  
11           Commander shall be responsible for determining  
12           which contractors to place on the watch list, whether  
13           an entire company or a specific division should be  
14           included, and when to remove a contractor from the  
15           list.

16           (c) EFFECT OF LISTING.—

17                   (1) PRIME CONTRACTS.—The Commander may  
18                   not solicit an offer from, award a contract to, exe-  
19                   cute an engineering change proposal with, or exer-  
20                   cise an option on any space program of the Air  
21                   Force with a contractor included on the list estab-  
22                   lished under subsection (a) without the prior ap-  
23                   proval of the Commander.

24                   (2) SUBCONTRACTS.—A prime contractor on a  
25                   contract entered into with the Air Force Space and

1 Missile Systems Center may not enter into a sub-  
2 contract valued in excess of \$3,000,000 or five per-  
3 cent of the prime contract value, whichever is lesser,  
4 with a contractor included on the watch list estab-  
5 lished under subsection (a) without the prior ap-  
6 proval of the Commander.

7 (d) REQUEST FOR REMOVAL FROM LIST.—A con-  
8 tractor may submit to the Commander a written request  
9 for removal from the watch list, including evidence that  
10 the contractor has resolved the issue that was the basis  
11 for inclusion on the list.

12 (e) RULE OF CONSTRUCTION.—Nothing in this sec-  
13 tion shall be construed as preventing the suspension or  
14 debarment of a contractor, but inclusion on the watch list  
15 shall not be construed as a punitive measure or de facto  
16 suspension or debarment of a contractor.

17 **SEC. 1613. CERTIFICATION AND BRIEFING ON OPER-**  
18 **ATIONAL AND CONTINGENCY PLANS FOR**  
19 **LOSS OR DEGRADATION OF SPACE CAPABILI-**  
20 **TIES.**

21 (a) CERTIFICATION.—Not later than 120 days after  
22 the date of the enactment of this Act, the Secretary of  
23 Defense and the Chairman of the Joint Chiefs of Staff  
24 shall jointly certify to the appropriate congressional com-  
25 mittees that appropriate contingency plans exist in the

1 event of a loss or degradation of space capabilities of the  
2 United States.

3 (b) BRIEFING.—Not later than 120 days after the  
4 date of the enactment of this Act, the Secretary of Defense  
5 and the Chairman of the Joint Chiefs of Staff shall jointly  
6 provide to the appropriate congressional committees a  
7 briefing on the mitigation of any loss or degradation of  
8 space capabilities pursuant to contingency plans described  
9 in subsection (a).

10 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
11 FINED.—In this section, the term “appropriate congres-  
12 sional committees” means the following:

13 (1) The Committees on Armed Services of the  
14 House of Representatives and the Senate.

15 (2) The Permanent Select Committee on Intel-  
16 ligence of the House of Representatives and the Se-  
17 lect Committee on Intelligence of the Senate.

18 **SEC. 1614. REPORT ON PROTECTED SATELLITE COMMU-**  
19 **NICATIONS.**

20 Not later than 120 days after the date of the enact-  
21 ment of this Act, the Secretary of Defense shall submit  
22 to the congressional defense committees a report on pro-  
23 tected satellite communications that contains each of the  
24 following:

1           (1) A joint certification by the Commander of  
2           the United States Strategic Command and the Com-  
3           mander of the United States Northern Command  
4           that a protected satellite communications system  
5           other than the advanced extremely high frequency  
6           program will meet all applicable requirements for  
7           the nuclear command, control, and communications  
8           mission of the Department of Defense, the con-  
9           tinuity of government mission of the Department,  
10          and all other functions relating to protected commu-  
11          nications of the national command authority and the  
12          combatant commands, including with respect to  
13          operational forces in a peer-near-peer jamming envi-  
14          ronment.

15          (2) With respect to such a protected satellite  
16          communications system other than the advanced ex-  
17          tremely high frequency program, a certification by  
18          the Chairman of the Joint Chiefs of Staff that there  
19          is a validated military requirement that meets re-  
20          quirements for resilience, mission assurance, and the  
21          nuclear command, control, and communications mis-  
22          sion of the Department of Defense.

23          (3) An assessment by the Chairman of the  
24          Joint Chiefs of Staff on the effect of developing and  
25          fielding all the waveforms and terminals required to

1 use such a protected satellite communications sys-  
2 tem other than the advanced extremely high fre-  
3 quency program.

4 (4) A detailed plan by the Secretary of the Air  
5 Force for the ground control system and all user ter-  
6 minals developed and acquired by the Air Force to  
7 be synchronized through development and deploy-  
8 ment to meet all applicable requirements specified in  
9 paragraph (1).

10 **SEC. 1615. SENSE OF CONGRESS ON ESTABLISHMENT OF**  
11 **SPACE FLAG TRAINING EVENT.**

12 It is the sense of Congress that—

13 (1) the Secretary of Defense should establish an  
14 annual capstone training event titled “Space Flag”  
15 for space professionals to—

16 (A) develop and test doctrine, concepts of  
17 operation, and tactics, techniques, and proce-  
18 dures, for—

19 (i) protecting and defending assets  
20 and interests of the United States through  
21 the spectrum of space control activities;

22 (ii) operating in the event of degrada-  
23 tion or loss of space capabilities;

24 (iii) conducting space operations in a  
25 conflict that extends to space;

1 (iv) deterring conflict in space; and

2 (v) other areas the Secretary deter-  
3 mines necessary; and

4 (B) inform and develop the appropriate de-  
5 sign of the operational training infrastructure  
6 of the space domain, including with respect to  
7 appropriate and dedicated ranges, threat rep-  
8 lication, test community support, advanced  
9 space training requirements, training simula-  
10 tors, and multi-domain force packaging; and

11 (2) such a training event should—

12 (A) be modeled on the Red Flag and Cyber  
13 Flag exercises; and

14 (B) include live, virtual, and constructive  
15 training and on-orbit threat replication, as ap-  
16 propriate.

17 **SEC. 1616. SENSE OF CONGRESS ON COORDINATING EF-**  
18 **FORTS TO PREPARE FOR SPACE WEATHER**  
19 **EVENTS.**

20 It is the sense of Congress that the Secretary of De-  
21 fense should ensure the timely provision of operational  
22 space weather observations, analyses, forecasts, and other  
23 products to support the mission of the Department of De-  
24 fense and coalition partners, including the provision of  
25 alerts and warnings for space weather phenomena that

1 may affect weapons systems, military operations, or the  
2 defense of the United States.

3 **SEC. 1617. SENSE OF CONGRESS ON NATIONAL SPACE DE-**  
4 **FENSE CENTER.**

5 (a) SENSE OF CONGRESS.—It is the sense of Con-  
6 gress that—

7 (1) the National Space Defense Center is crit-  
8 ical to defending and securing the space domain in  
9 order to protect all United States assets in space;

10 (2) integration between the intelligence commu-  
11 nity and the Department of Defense within the Na-  
12 tional Space Defense Center is essential to detecting,  
13 assessing, and reacting to evolving space threats;  
14 and

15 (3) the Department of Defense, including the  
16 military departments, and the elements of the intel-  
17 ligence community should seek ways to bolster inte-  
18 gration with respect to space threats through work  
19 at the National Space Defense Center.

20 (b) INTELLIGENCE COMMUNITY DEFINED.—In this  
21 section, the term “intelligence community” has the mean-  
22 ing given that term in section 3(4) of the National Secu-  
23 rity Act of 1947 (50 U.S.C. 3003(4)).



1     **Subtitle B—Defense Intelligence**  
2     **and Intelligence-Related Activities**

3     **SEC. 1621. SECURITY CLEARANCES FOR FACILITIES OF**  
4                     **CERTAIN COMPANIES.**

5             (a) IN GENERAL.—Chapter 141 of title 10, United  
6 States Code, is amended by adding at the end the fol-  
7 lowing new section:

8     **“§ 2410s. Security clearances for facilities of certain**  
9                     **companies.**

10            “(a) AUTHORITY.—If the senior management official  
11 of a covered company does not have a security clearance,  
12 the Secretary of Defense may grant a security clearance  
13 to a facility of such company only if the following criteria  
14 are met:

15            “(1) The company has appointed a senior offi-  
16 cer, director, or employee of the company who has  
17 a security clearance at the level of the security clear-  
18 ance of the facility to act as the senior management  
19 official of the company with respect to such facility.

20            “(2) Any senior management official, senior of-  
21 ficer, or director of the company who does not have  
22 such a security clearance will not have access to any  
23 classified information, including with respect to such  
24 facility.

1           “(3) The company has certified to the Secretary  
2       that the senior officer, director, or employee ap-  
3       pointed under paragraph (1) has the authority to act  
4       on behalf of the company with respect to such facil-  
5       ity independent of any senior management official,  
6       senior officer, or director described in paragraph (2).

7           “(4) The facility meets all of the requirements  
8       to be granted a security clearance other than any re-  
9       quirement relating to the senior management official  
10       of the company having an appropriate security clear-  
11       ance.

12          “(b) COVERED COMPANY.—In this section, the term  
13       ‘covered company’ means a company that has entered into  
14       a contract or agreement with the Department of Defense,  
15       assists the Department, or requires a facility to process  
16       classified information.”.

17          (b) CLERICAL AMENDMENT.—The table of sections  
18       at the beginning of such chapter is amended by adding  
19       at the end the following new item:

          “2410s. Security clearances for facilities of certain companies”.

20       **SEC. 1622. EXTENSION OF AUTHORITY TO ENGAGE IN CER-**  
21                           **TAIN COMMERCIAL ACTIVITIES.**

22       Section 431(a) of title 10, United States Code, is  
23       amended by striking “December 31, 2017” and inserting  
24       “December 31, 2023”.

1 **SEC. 1623. SUBMISSION OF AUDITS OF COMMERCIAL ACTIV-**  
2 **ITY FUNDS.**

3 Section 432(b)(2) of title 10, United States Code, is  
4 amended—

5 (1) by striking “promptly”; and

6 (2) by inserting before the period at the end the  
7 following: “by not later than December 31 of each  
8 year”.

9 **SEC. 1624. CLARIFICATION OF ANNUAL BRIEFING ON THE**  
10 **INTELLIGENCE, SURVEILLANCE, AND RECON-**  
11 **NAISSANCE REQUIREMENTS OF THE COM-**  
12 **BATANT COMMANDS.**

13 Section 1626 of the Carl Levin and Howard P.  
14 “Buck” McKeon National Defense Authorization Act for  
15 Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3635)  
16 is amended—

17 (1) by inserting “(including with respect to  
18 space-based intelligence, surveillance, and reconnais-  
19 sance)” after “intelligence, surveillance, and recon-  
20 naissance requirements” both places it appears; and

21 (2) in paragraph (2), by striking “critical intel-  
22 ligence, surveillance and reconnaissance require-  
23 ments” and inserting “critical intelligence, surveil-  
24 lance, and reconnaissance requirements (including  
25 with respect to space-based intelligence, surveillance,  
26 and reconnaissance)”.

1 **SEC. 1625. CONSIDERATION OF SERVICE BY RECIPIENTS OF**  
2 **BOREN SCHOLARSHIPS AND FELLOWSHIPS**  
3 **IN EXCEPTED SERVICE POSITIONS AS SERV-**  
4 **ICE BY SUCH RECIPIENTS UNDER CAREER**  
5 **APPOINTMENTS FOR PURPOSES OF CAREER**  
6 **TENURE.**

7 Section 802(k) of the David L. Boren National Secu-  
8 rity Education Act of 1991 (50 U.S.C. 1902(k)) is amend-  
9 ed—

10 (1) by redesignating paragraph (3) as para-  
11 graph (4);

12 (2) in paragraph (2), in the matter before sub-  
13 paragraph (A), by striking “(3)(C)” and inserting  
14 “(4)(C)”; and

15 (3) by inserting after paragraph (2) the fol-  
16 lowing:

17 “(3) CAREER TENURE.—In the case of an indi-  
18 vidual whose appointment to a position in the ex-  
19 cepted service is converted to a career or career-con-  
20 ditional appointment under paragraph (1)(B), the  
21 period of service described in such paragraph shall  
22 be treated, for purposes of the service requirements  
23 for career tenure under title 5, United States Code,  
24 as if it were service in a position under a career or  
25 career-conditional appointment.”.

1 **SEC. 1626. REVIEW OF SUPPORT PROVIDED BY DEFENSE**  
2 **INTELLIGENCE ELEMENTS TO ACQUISITION**  
3 **ACTIVITIES OF THE DEPARTMENT.**

4 (a) REVIEW.—The Secretary of Defense shall review  
5 the support provided by Defense intelligence elements to  
6 the acquisition activities conducted by the Secretary, with  
7 a specific focus on such support—

8 (1) consisting of planning, prioritizing, and  
9 resourcing relating to developmental weapon sys-  
10 tems; and

11 (2) for existing weapon systems throughout the  
12 program lifecycle of such systems.

13 (b) BUDGET STRUCTURE.—The Secretary shall de-  
14 velop a specific budget structure for a sustainable funding  
15 profile to ensure the support provided by Defense intel-  
16 ligence elements described in subsection (a). The Sec-  
17 retary shall implement such structure beginning with the  
18 defense budget materials for fiscal year 2020.

19 (c) BRIEFING.—Not later than May 1, 2018, the Sec-  
20 retary of Defense shall provide to the appropriate congres-  
21 sional committees a briefing on the results of the review  
22 under subsection (a) and a plan to carry out subsection  
23 (b).

24 (d) CONSTRUCTION.—Nothing in this section may be  
25 construed to relieve the Director of National Intelligence  
26 of the responsibility to support the acquisition activities

1 of the Department of Defense through the National Intel-  
2 ligence Program.

3 (e) DEFINITIONS.—In this section:

4 (1) The term “appropriate congressional com-  
5 mittees” means—

6 (A) the congressional defense committees;

7 and

8 (B) the Permanent Select Committee on  
9 Intelligence of the House of Representatives  
10 and the Select Committee on Intelligence of the  
11 Senate.

12 (2) The term “defense budget materials” has  
13 the meaning given that term in section 231(f) of  
14 title 10, United States Code.

15 (3) The term “Defense intelligence element”  
16 means any of the agencies, offices, and elements of  
17 the Department of Defense included within the defi-  
18 nition of “intelligence community” under section  
19 3(4) of the National Security Act of 1947 (50  
20 U.S.C. 3003(4)).

1 **SEC. 1627. ESTABLISHMENT OF CHAIRMAN'S CONTROLLED**  
2 **ACTIVITY WITHIN JOINT STAFF FOR INTEL-**  
3 **LIGENCE, SURVEILLANCE, AND RECONNAIS-**  
4 **SANCE.**

5 (a) CHAIRMAN'S CONTROLLED ACTIVITY.—The  
6 Chairman of the Joint Chiefs of Staff shall—

7 (1) undertake the roles, missions, and respon-  
8 sibilities of, and preserve an equal or greater number  
9 of personnel billets than the amount of such billets  
10 previously prescribed for, the Joint Functional Com-  
11 ponent Command for Intelligence, Surveillance, and  
12 Reconnaissance of the United States Strategic Com-  
13 mand; and

14 (2) not later than 30 days after the date of the  
15 enactment of this Act, establish an organization  
16 within the Joint Staff—

17 (A) that is designated as the Joint Staff  
18 Intelligence, Surveillance, and Reconnaissance  
19 Directorate and Supporting Chairman's Con-  
20 trolled Activity;

21 (B) for which the Chairman of the Joint  
22 Chiefs of Staff shall serve as the joint func-  
23 tional manager; and

24 (C) that shall synchronize cross-combatant  
25 command intelligence, surveillance, and recon-  
26 naissance plans and develop strategies inte-

1           grating all intelligence, surveillance, and recon-  
2           naissance capabilities provided by joint services,  
3           the National Reconnaissance Office, combat  
4           support intelligence agencies of the Department  
5           of Defense, and allies, to satisfy the intelligence  
6           needs of the combatant commands for the De-  
7           partment of Defense.

8           (b) LEAD AGENT.—The Secretary of Defense shall  
9           designate the Secretary of the Air Force as the lead agent  
10          and sponsor for funding for the organization established  
11          under subsection (a)(2).

12          (c) DATA COLLECTION AND ANALYSIS TO SUPPORT  
13          ISR ALLOCATION AND SYNCHRONIZATION PROCESSES.—  
14          In coordination with the Director of Cost Analysis and  
15          Program Evaluation, the Chairman of the Joint Chiefs of  
16          Staff shall issue guidance to the commanders of the geo-  
17          graphical combatant commands that requires the com-  
18          manders to collect sufficient and relevant data regarding  
19          the effectiveness of intelligence, surveillance, and recon-  
20          naissance measures in a manner that will—

21                 (1) enable the standardized, objective evaluation  
22                 and analysis of that data with respect to the use and  
23                 effectiveness of the intelligence, surveillance, and re-  
24                 connaissance capabilities provided to the com-  
25                 manders; and



1           (2) support recommendations made by the or-  
2           ganization established under subsection (a)(2) to the  
3           Secretary of Defense regarding the allocation of in-  
4           telligence, surveillance, and reconnaissance resources  
5           of the Department of Defense.

6 **SEC. 1628. REQUIREMENTS RELATING TO MULTI-USE SEN-**  
7                                   **SITIVE COMPARTMENTED INFORMATION FA-**  
8                                   **CILITIES.**

9           (a) IN GENERAL.—In order to facilitate access for  
10          small business concerns and nontraditional defense con-  
11          tractors to affordable secure spaces, the Secretary of De-  
12          fense, in consultation with the Director of National Intel-  
13          ligence, shall develop processes and procedures necessary  
14          to build, certify, and maintain certifications for multi-use  
15          sensitive compartmented information facilities not tied to  
16          a single contract and where multiple companies can se-  
17          curely work on multiple projects at different security lev-  
18          els.

19          (b) DEFINITIONS.—In this section:

20                 (1) The term “small business concern” has the  
21                 meaning given that term under section 3 of the  
22                 Small Business Act (15 U.S.C. 632).

23                 (2) The term “nontraditional defense contrac-  
24                 tors” has the meaning given that term in section  
25                 2302 of title 10, United States Code.

1 **SEC. 1629. LIMITATION ON AVAILABILITY OF FUNDS FOR**  
2 **CERTAIN COUNTERINTELLIGENCE ACTIVITIES.**  
3 **TIES.**

4 (a) LIMITATION ON COUNTERINTELLIGENCE ACTIVITIES.—Of the funds authorized to be appropriated by this  
5 TIES.—Of the funds authorized to be appropriated by this  
6 Act or otherwise made available for fiscal year 2018 under  
7 the Military Intelligence Program for operation and main-  
8 tenance, Defense-wide, for the Defense Intelligence Agen-  
9 cy for counterintelligence activities, not more than 75 per-  
10 cent may be obligated or expended until the date on which  
11 the Director of the Defense Intelligence Agency submits  
12 to the appropriate congressional committees the report  
13 under subsection (b).

14 (b) REPORT ON CERTAIN RESOURCES.—Not later  
15 than March 1, 2018, the Director of the Defense Intel-  
16 ligence Agency shall submit to the appropriate congres-  
17 sional committees a report that includes an accounting of  
18 the counterintelligence enterprise management resources  
19 transferred from the Counterintelligence Field Activity to  
20 the Defense Intelligence Agency that identifies such re-  
21 sources that are no longer dedicated to counterintelligence  
22 activities, as of the date of the report.

23 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
24 FINED.—In this section, the term “appropriate congres-  
25 sional committees” means—

26 (1) the congressional defense committees; and

1           (2) the Permanent Select Committee on Intel-  
2           ligence of the House of Representatives and the Se-  
3           lect Committee on Intelligence of the Senate.

## 4           **Subtitle C—Cyberspace-Related** 5           **Matters**

### 6           **PART I—GENERAL CYBER MATTERS**

#### 7           **SEC. 1631. NOTIFICATION REQUIREMENTS FOR SENSITIVE** 8           **MILITARY CYBER OPERATIONS AND CYBER** 9           **WEAPONS.**

10          (a) NOTIFICATION.—Chapter 3 of title 10, United  
11 States Code, is amended by adding at the end the fol-  
12 lowing new sections:

#### 13          **“§ 130j. Notification requirements for sensitive mili-** 14                 **tary cyber operations**

15          “(a) IN GENERAL.—Except as provided in subsection  
16 (d), the Secretary of Defense shall promptly submit to the  
17 congressional defense committees notice in writing of any  
18 sensitive military cyber operation conducted under this  
19 title no later than 48 hours following such operation.

20          “(b) PROCEDURES.—(1) The Secretary of Defense  
21 shall establish and submit to the congressional defense  
22 committees procedures for complying with the require-  
23 ments of subsection (a) consistent with the national secu-  
24 rity of the United States and the protection of operational  
25 integrity. The Secretary shall promptly notify the congress-

1 sional defense committees in writing of any changes to  
2 such procedures at least 14 days prior to the adoption of  
3 any such changes.

4 “(2) The congressional defense committees shall en-  
5 sure that committee procedures designed to protect from  
6 unauthorized disclosure classified information relating to  
7 national security of the United States are sufficient to pro-  
8 tect the information that is submitted to the committees  
9 pursuant to this section.

10 “(3) In the event of an unauthorized disclosure of a  
11 sensitive military cyber operation covered by this section,  
12 the Secretary shall ensure, to the maximum extent prac-  
13 ticable, that the congressional defense committees are no-  
14 tified immediately of the sensitive military cyber operation  
15 concerned. The notification under this paragraph may be  
16 verbal or written, but in the event of a verbal notification  
17 a written notification shall be provided by not later than  
18 48 hours after the provision of the verbal notification.

19 “(c) SENSITIVE MILITARY CYBER OPERATION DE-  
20 FINED.—(1) In this section, the term ‘sensitive military  
21 cyber operation’ means an action described in paragraph  
22 (2) that—

23 “(A) is carried out by the armed forces of  
24 the United States; and

1           “(B) is intended to cause cyber effects out-  
2           side a geographic location—

3           “(i) where the armed forces of the  
4           United States are involved in hostilities (as  
5           that term is used in section 1543 of title  
6           50, United States Code); or

7           “(ii) with respect to which hostilities  
8           have been declared by the United States.

9           “(2) The actions described in this paragraph are the  
10          following:

11          “(A) An offensive cyber operation.

12          “(B) A defensive cyber operation outside the  
13          Department of Defense Information Networks to de-  
14          feat an ongoing or imminent threat.

15          “(d) EXCEPTIONS.—The notification requirement  
16          under subsection (a) does not apply—

17          “(1) to a training exercise conducted with the  
18          consent of all nations where the intended effects of  
19          the exercise will occur; or

20          “(2) to a covert action (as that term is defined  
21          in section 3093 of title 50, United States Code).

22          “(e) RULE OF CONSTRUCTION.—Nothing in this sec-  
23          tion shall be construed to provide any new authority or  
24          to alter or otherwise affect the War Powers Resolution (50  
25          U.S.C. 1541 et seq.), the Authorization for Use of Military

1 Force (Public Law 107–40; 50 U.S.C. 1541 note), or any  
2 requirement under the National Security Act of 1947 (50  
3 U.S.C. 3001 et seq.).

4 **“§ 130k. Notification requirements for cyber weapons**

5 “(a) IN GENERAL.—Except as provided in subsection  
6 (c), the Secretary of Defense shall promptly submit to the  
7 congressional defense committees notice in writing of the  
8 following:

9 “(1) With respect to a cyber capability that is  
10 intended for use as a weapon, on a quarterly basis,  
11 the aggregated results of all reviews of the capability  
12 for legality under international law pursuant to De-  
13 partment of Defense Directive 5000.01 carried out  
14 by any military department concerned.

15 “(2) The use as a weapon of any cyber capa-  
16 bility that has been approved for such use under  
17 international law by a military department no later  
18 than 48 hours following such use.

19 “(b) PROCEDURES.—(1) The Secretary of Defense  
20 shall establish and submit to the congressional defense  
21 committees procedures for complying with the require-  
22 ments of subsection (a) consistent with the national secu-  
23 rity of the United States and the protection of operational  
24 integrity. The Secretary shall promptly notify the congres-  
25 sional defense committees in writing of any changes to

1 such procedures at least 14 days prior to the adoption of  
2 any such changes.

3 “(2) The congressional defense committees shall en-  
4 sure that committee procedures designed to protect from  
5 unauthorized disclosure classified information relating to  
6 national security of the United States are sufficient to pro-  
7 tect the information that is submitted to the committees  
8 pursuant to this section.

9 “(3) In the event of an unauthorized disclosure of a  
10 cyber capability covered by this section, the Secretary shall  
11 ensure, to the maximum extent practicable, that the con-  
12 gressional defense committees are notified immediately of  
13 the cyber capability concerned. The notification under this  
14 paragraph may be verbal or written, but in the event of  
15 a verbal notification a written notification shall be pro-  
16 vided by not later than 48 hours after the provision of  
17 the verbal notification.

18 “(c) EXCEPTIONS.—The notification requirement  
19 under subsection (a) does not apply—

20 “(1) to a training exercise conducted with the  
21 consent of all nations where the intended effects of  
22 the exercise will occur; or

23 “(2) to a covert action (as that term is defined  
24 in section 3093 of title 50, United States Code).

1       “(d) **RULE OF CONSTRUCTION.**—Nothing in this sec-  
2 tion shall be construed to provide any new authority or  
3 to alter or otherwise affect the War Powers Resolution (50  
4 U.S.C. 1541 et seq.), the Authorization for Use of Military  
5 Force (Public Law 107–40; 50 U.S.C. 1541 note), or any  
6 requirement under the National Security Act of 1947 (50  
7 U.S.C. 3001 et seq.).”.

8       (b) **CLERICAL AMENDMENT.**—The table of sections  
9 at the beginning of such chapter is amended by adding  
10 at the end the following new items:

“130j. Notification requirements for sensitive military cyber operations  
“130k. Notification requirements for cyber weapons”.

11 **SEC. 1632. MODIFICATION TO QUARTERLY CYBER OPER-**  
12 **ATIONS BRIEFINGS.**

13       (a) **IN GENERAL.**—Section 484 of title 10, United  
14 States Code, is amended—

15               (1) by striking “The Secretary of Defense shall  
16 provide to the Committees on Armed Services of the  
17 House of Representatives and the Senate” and in-  
18 serting the following:

19       “(a) **BRIEFINGS REQUIRED.**—The Secretary of De-  
20 fense shall provide to the congressional defense commit-  
21 tees”; and

22               (2) by adding at the end the following:



1       “(b) ELEMENTS.—Each briefing under subsection  
2 (a) shall include, with respect to the military operations  
3 in cyberspace described in such subsection, the following:

4           “(1) An update, set forth separately for each  
5 geographic and functional command, that describes  
6 the operations carried out by the command and any  
7 hostile cyber activity directed at the command.

8           “(2) An overview of authorities and legal issues  
9 applicable to the operations, including any relevant  
10 legal limitations.

11          “(3) An outline of any interagency activities  
12 and initiatives relating to the operations.

13          “(4) Any other matters the Secretary deter-  
14 mines to be appropriate.”.

15       (b) EFFECTIVE DATE.—The amendments made by  
16 subsection (a) shall take effect on the date of the enact-  
17 ment of this Act, and shall apply with respect to briefings  
18 required be provided under section 484 of title 10, United  
19 States Code, on or after that date.

20 **SEC. 1633. POLICY OF THE UNITED STATES ON CYBER-**  
21 **SPACE, CYBERSECURITY, AND CYBER WAR-**  
22 **FARE.**

23       (a) IN GENERAL.—The President shall—

1           (1) develop a national policy for the United  
2 States relating to cyberspace, cybersecurity, and  
3 cyber warfare; and

4           (2) submit to the appropriate congressional  
5 committees a report on the policy.

6           (b) ELEMENTS.—The national policy required under  
7 subsection (a) shall include the following elements:

8           (1) Delineation of the instruments of national  
9 power available to deter or respond to cyber attacks  
10 or other malicious cyber activities by a foreign power  
11 or actor that targets United States interests.

12           (2) Available or planned response options to ad-  
13 dress the full range of potential cyber attacks on  
14 United States interests that could be conducted by  
15 potential adversaries of the United States.

16           (3) Available or planned denial options that  
17 prioritize the defensibility and resiliency against  
18 cyber attacks and malicious cyber activities that are  
19 carried out against infrastructure critical to the po-  
20 litical integrity, economic security, and national se-  
21 curity of the United States.

22           (4) Available or planned cyber capabilities that  
23 may be used to impose costs on any foreign power  
24 targeting the United States or United States per-  
25 sons with a cyber attack or malicious cyber activity.

1           (5) Development of multi-prong response op-  
2           tions, such as—

3                   (A) boosting the cyber resilience of critical  
4           United States strike systems (including cyber,  
5           nuclear, and non-nuclear systems) in order to  
6           ensure the United States can credibly threaten  
7           to impose unacceptable costs in response to  
8           even the most sophisticated large-scale cyber at-  
9           tack;

10                   (B) developing offensive cyber capabilities  
11           and specific plans and strategies to put at risk  
12           targets most valued by adversaries of the  
13           United States and their key decision makers;  
14           and

15                   (C) enhancing attribution capabilities and  
16           developing intelligence and offensive cyber capa-  
17           bilities to detect, disrupt, and potentially expose  
18           malicious cyber activities.

19           (c) LIMITATION ON AVAILABILITY OF FUNDS.—

20                   (1) IN GENERAL.—Of the funds authorized to  
21           be appropriated by this Act or otherwise made avail-  
22           able for fiscal year 2018 for procurement, research,  
23           development, test and evaluation, and operations  
24           and maintenance, for the covered activities of the  
25           Defense Information Systems Agency, not more than

1       60 percent may be obligated or expended until the  
2       date on which the President submits to the appro-  
3       priate congressional committees the report under  
4       subsection (a)(2).

5           (2) COVERED ACTIVITIES DESCRIBED.—The  
6       covered activities referred to in paragraph (1) are  
7       the activities of the Defense Information Systems  
8       Agency in support of—

9           (A) the White House Communication  
10       Agency; and

11          (B) the White House Situation Support  
12       Staff.

13       (d) DEFINITIONS.—In this section:

14           (1) The term “foreign power” has the meaning  
15       given that term in section 101 of the Foreign Intel-  
16       ligence Surveillance Act of 1978 (50 U.S.C. 1801).

17           (2) The term “appropriate congressional com-  
18       mittees” means—

19           (A) the congressional defense committees;

20           (B) the Committee on Foreign Affairs, the  
21       Committee on Homeland Security, and the  
22       Committee on the Judiciary of the House of  
23       Representatives; and

24           (C) the Committee on Foreign Relations,  
25       the Committee on Homeland Security and Gov-

1           ernmental Affairs, and the Committee on the  
2           Judiciary of the Senate.

3 **SEC. 1634. PROHIBITION ON USE OF PRODUCTS AND SERV-**  
4                   **ICES DEVELOPED OR PROVIDED BY**  
5                   **KASPERSKY LAB.**

6           (a) PROHIBITION.—No department, agency, organi-  
7           zation, or other element of the Federal Government may  
8           use, whether directly or through work with or on behalf  
9           of another department, agency, organization, or element  
10          of the Federal Government, any hardware, software, or  
11          services developed or provided, in whole or in part, by—

12                   (1) Kaspersky Lab (or any successor entity);

13                   (2) any entity that controls, is controlled by, or  
14           is under common control with Kaspersky Lab; or

15                   (3) any entity of which Kaspersky Lab has ma-  
16           jority ownership.

17          (b) EFFECTIVE DATE.—The prohibition in sub-  
18          section (a) shall take effect on October 1, 2018.

19          (c) REVIEW AND REPORT.—

20                   (1) REVIEW.—The Secretary of Defense, in  
21           consultation with the Secretary of Energy, the Sec-  
22           retary of Homeland Security, the Attorney General,  
23           the Administrator of the General Services Adminis-  
24           tration, and the Director of National Intelligence,  
25           shall conduct a review of the procedures for remov-

1       ing suspect products or services from the informa-  
2       tion technology networks of the Federal Govern-  
3       ment.

4           (2) REPORT.—

5           (A) IN GENERAL.—Not later than 180  
6       days after the date of the enactment of this  
7       Act, Secretary of Defense shall submit to the  
8       appropriate congressional committees a report  
9       on the review conducted under paragraph (1).

10          (B) ELEMENTS.—The report under sub-  
11       paragraph (A) shall include the following:

12           (i) A description of the Federal Gov-  
13       ernment-wide authorities that may be used  
14       to prohibit, exclude, or prevent the use of  
15       suspect products or services on the infor-  
16       mation technology networks of the Federal  
17       Government, including—

18           (I) the discretionary authorities  
19       of agencies to prohibit, exclude, or  
20       prevent the use of such products or  
21       services;

22           (II) the authorities of a suspen-  
23       sion and debarment official to pro-  
24       hibit, exclude, or prevent the use of  
25       such products or services;

1 (III) authorities relating to sup-  
2 ply chain risk management;

3 (IV) authorities that provide for  
4 the continuous monitoring of informa-  
5 tion technology networks to identify  
6 suspect products or services; and

7 (V) the authorities provided  
8 under the Federal Information Secu-  
9 rity Management Act of 2002.

10 (ii) Assessment of any gaps in the au-  
11 thorities described in clause (i), including  
12 any gaps in the enforcement of decisions  
13 made under such authorities.

14 (iii) An explanation of the capabilities  
15 and methodologies used to periodically as-  
16 sess and monitor the information tech-  
17 nology networks of the Federal Govern-  
18 ment for prohibited products or services.

19 (iv) An assessment of the ability of  
20 the Federal Government to periodically  
21 conduct training and exercises in the use  
22 of the authorities described in clause (i)—

23 (I) to identify recommendations  
24 for streamlining process; and

1 (II) to identify recommendations  
2 for education and training curricula,  
3 to be integrated into existing training  
4 or certification courses.

5 (v) A description of information shar-  
6 ing mechanisms that may be used to share  
7 information about suspect products or  
8 services, including mechanisms for the  
9 sharing of such information among the  
10 Federal Government, industry, the public,  
11 and international partners.

12 (vi) Identification of existing tools for  
13 business intelligence, application manage-  
14 ment, and commerce due-diligence that are  
15 either in use by elements of the Federal  
16 Government, or that are available commer-  
17 cially.

18 (vii) Recommendations for improving  
19 the authorities, processes, resourcing, and  
20 capabilities of the Federal Government for  
21 the purpose of improving the procedures  
22 for identifying and removing prohibited  
23 products or services from the information  
24 technology networks of the Federal Gov-  
25 ernment.



1 (viii) Any other matters the Secretary  
2 determines to be appropriate.

3 (C) FORM.—The report under subpara-  
4 graph (A) shall be submitted in unclassified  
5 form, but may include a classified annex.

6 (3) APPROPRIATE CONGRESSIONAL COMMIT-  
7 TEES DEFINED.—In this section, the term “appro-  
8 priate congressional committees” means the fol-  
9 lowing:

10 (A) The Committee on Armed Services, the  
11 Committee on Energy and Commerce, the Com-  
12 mittee on Homeland Security, the Committee  
13 on the Judiciary, the Committee on Oversight  
14 and Government Reform, and the Permanent  
15 Select Committee on Intelligence of the House  
16 of Representatives.

17 (B) The Committee on Armed Services,  
18 the Committee on Energy and Natural Re-  
19 sources, the Committee on Homeland Security  
20 and Governmental Affairs, the Committee on  
21 the Judiciary, and the Select Committee on In-  
22 telligence of the Senate.

1 **SEC. 1635. MODIFICATION OF AUTHORITIES RELATING TO**  
2 **ESTABLISHMENT OF UNIFIED COMBATANT**  
3 **COMMAND FOR CYBER OPERATIONS.**

4 Section 167b of title 10, United States Code, is  
5 amended—

6 (1) by striking subsection (d); and

7 (2) by redesignating subsections (e) and (f) as  
8 subsections (d) and (e), respectively.

9 **SEC. 1636. MODIFICATION OF DEFINITION OF ACQUISITION**  
10 **WORKFORCE TO INCLUDE PERSONNEL CON-**  
11 **TRIBUTING TO CYBERSECURITY SYSTEMS.**

12 Section 1705(h)(2)(A) of title 10, United States  
13 Code, is amended—

14 (1) by inserting “(i)” after “(A)”;

15 (2) by striking “; and” and inserting “; or”;

16 and

17 (3) by adding at the end the following new  
18 clause:

19 “(ii) contribute significantly to the acquisi-  
20 tion or development of systems relating to cy-  
21 bersecurity; and”.

22 **SEC. 1637. INTEGRATION OF STRATEGIC INFORMATION OP-**  
23 **ERATIONS AND CYBER-ENABLED INFORMA-**  
24 **TION OPERATIONS.**

25 (a) PROCESSES AND PROCEDURES FOR INTEGRA-  
26 TION.—

1           (1) IN GENERAL.—The Secretary of Defense  
2 shall—

3           (A) establish processes and procedures to  
4 integrate strategic information operations and  
5 cyber-enabled information operations across the  
6 elements of the Department of Defense respon-  
7 sible for such operations, including the elements  
8 of the Department responsible for military de-  
9 ception, public affairs, electronic warfare, and  
10 cyber operations; and

11           (B) ensure that such processes and proce-  
12 dures provide for integrated Defense-wide strat-  
13 egy, planning, and budgeting with respect to  
14 the conduct of such operations by the Depart-  
15 ment, including activities conducted to counter  
16 and deter such operations by malign actors.

17           (2) DESIGNATED SENIOR OFFICIAL.—The Sec-  
18 retary of Defense shall designate a senior official of  
19 the Department of Defense (in this section referred  
20 to as the “designated senior official”) who shall im-  
21 plement and oversee the processes and procedures  
22 established under paragraph (1). The designated  
23 senior official shall be selected by the Secretary from  
24 among individuals serving in the Department of De-

1 fense at or below the level of an Under Secretary of  
2 Defense.

3 (3) RESPONSIBILITIES.—The designated senior  
4 official shall have, with respect to the implementa-  
5 tion and oversight of the processes and procedures  
6 established under paragraph (1), the following re-  
7 sponsibilities:

8 (A) Oversight of strategic policy and guid-  
9 ance.

10 (B) Overall resource management for the  
11 integration of information operations and cyber-  
12 enabled information operations of the Depart-  
13 ment.

14 (C) Coordination with the head of the  
15 Global Engagement Center to support the pur-  
16 pose of the Center (as described section  
17 1287(a)(2) of the National Defense Authoriza-  
18 tion Act for Fiscal Year 2017 (Public Law  
19 114–328; 22 U.S.C. 2656 note)) and liaison  
20 with the Center and other relevant Federal  
21 Government entities to support such purpose.

22 (D) Development of a strategic framework  
23 for the conduct of information operations by the  
24 Department of Defense, including cyber-enabled  
25 information operations, coordinated across all

1 relevant elements of the Department of De-  
2 fense, including both near-term and long-term  
3 guidance for the conduct of such coordinated  
4 operations.

5 (E) Development and dissemination of a  
6 common operating paradigm across the ele-  
7 ments of the Department of Defense specified  
8 in paragraph (1) to counter the influence, de-  
9 ception, and propaganda activities of key ma-  
10 lign actors, including in cyberspace.

11 (F) Development of guidance for, and pro-  
12 motion of, the capability of the Department of  
13 Defense to liaison with the private sector, in-  
14 cluding social media, on matters relating to the  
15 influence activities of malign actors.

16 (b) REQUIREMENTS AND PLANS FOR INFORMATION  
17 OPERATIONS.—

18 (1) COMBATANT COMMAND PLANNING AND RE-  
19 GIONAL STRATEGY.—(A) The Secretary shall require  
20 each commander of a combatant command to de-  
21 velop, in coordination with the relevant regional As-  
22 sistant Secretary of State or Assistant Secretaries of  
23 State and with the assistance of the Coordinator of  
24 the Global Engagement Center and the designated  
25 senior official, a regional information strategy and

1 interagency coordination plan for carrying out the  
2 strategy, where applicable.

3 (B) The Secretary shall require each com-  
4 mander of a combatant command to develop  
5 such requirements and specific plans as may be  
6 necessary for the conduct of information oper-  
7 ations in support of the strategy required under  
8 subparagraph (A), including plans for deterring  
9 information operations, including deterrence in  
10 the cyber domain, by malign actors against the  
11 United States, allies of the United States, and  
12 interests of the United States.

13 (2) IMPLEMENTATION PLAN FOR DOD STRAT-  
14 EGY FOR OPERATIONS IN THE INFORMATION ENVI-  
15 RONMENT.—

16 (A) IN GENERAL.—Not later than 180  
17 days after the date of the enactment of this  
18 Act, the designated senior official shall—

19 (i) review the strategy of the Depart-  
20 ment of Defense titled “Department of De-  
21 fense Strategy for Operations in the Infor-  
22 mation Environment” and dated June  
23 2016; and

1 (ii) submit to the congressional de-  
2 fense committees a plan for implementa-  
3 tion of such strategy.

4 (B) ELEMENTS.—The plan required under  
5 subparagraph (A) shall include, at a minimum,  
6 the following:

7 (i) An accounting of the efforts under-  
8 taken in support of the strategy described  
9 in subparagraph (A)(i) in the period since  
10 it was issued in June 2016.

11 (ii) A description of any updates or  
12 changes to such strategy that have been  
13 made since it was first issued, as well as  
14 any expected updates or changes resulting  
15 from the designation of the designated sen-  
16 ior official.

17 (iii) A description of the role of the  
18 Department of Defense as part of a broad-  
19 er whole-of-Government strategy for stra-  
20 tegic communications, including a descrip-  
21 tion of any assumptions about the roles  
22 and contributions of other departments  
23 and agencies of the Federal Government  
24 with respect to such a strategy.

1 (iv) Defined actions, performance  
2 metrics, and projected timelines for achiev-  
3 ing each of the 15 tasks specified in the  
4 strategy described in subparagraph (A)(i).

5 (v) An analysis of any personnel,  
6 resourcing, capability, authority, or other  
7 gaps that will need to be addressed to en-  
8 sure effective implementation of the strat-  
9 egy described in subparagraph (A)(i)  
10 across all relevant elements of the Depart-  
11 ment of Defense.

12 (vi) An investment framework and  
13 projected timeline for addressing any gaps  
14 identified under clause (v).

15 (vii) Such other matters as the Sec-  
16 retary of Defense considers relevant.

17 (C) PERIODIC STATUS REPORTS.—Not less  
18 frequently than once every 90 days during the  
19 three-year period beginning on the date on  
20 which the implementation plan is submitted  
21 under subparagraph (A)(ii), the designated sen-  
22 ior official shall submit to the congressional de-  
23 fense committees a report describing the status  
24 of the efforts of the Department of Defense in



1           accomplishing the tasks specified under clauses  
2           (iv) and (vi) of subparagraph (B).

3           (c) **TRAINING AND EDUCATION.**—Consistent with the  
4 elements of the implementation plan under paragraph (2),  
5 the designated senior official shall recommend the estab-  
6 lishment of programs to provide training and education  
7 to such members of the Armed Forces and civilian employ-  
8 ees of the Department of Defense as the Secretary con-  
9 siders appropriate to ensure that such members and em-  
10 ployees understand the role of information in warfare, the  
11 central goal of all military operations to affect the percep-  
12 tions, views, and decision making of adversaries, and the  
13 effective management and conduct of operations in the in-  
14 formation environment.

15 **SEC. 1638. EXERCISE ON ASSESSING CYBERSECURITY SUP-**  
16 **PORT TO ELECTION SYSTEMS OF STATES.**

17           (a) **INCLUSION OF CYBER VULNERABILITIES IN**  
18 **ELECTION SYSTEMS IN CYBER GUARD EXERCISES.**—Sub-  
19 ject to subsection (b), the Secretary of Defense, in con-  
20 sultation with the Secretary of Homeland Security, may  
21 carry out exercises relating to the cybersecurity of election  
22 systems of States as part of the exercise commonly known  
23 as the “Cyber Guard Exercise”.

24           (b) **AGREEMENT REQUIRED.**—The Secretary of De-  
25 fense may carry out an exercise relating to the cybersecu-

1 rity of a State's election system under subsection (a) only  
2 if the State enters into a written agreement with the Sec-  
3 retary under which the State—

4           (1) agrees to participate in such exercise; and  
5           (2) agrees to allow vulnerability testing of the  
6 components of the State's election system.

7       (c) REPORT.—Not later than 90 days after the com-  
8 pletion of any Cyber Guard Exercise, the Secretary of De-  
9 fense shall submit to the congressional defense committees  
10 a report on the ability of the National Guard to assist  
11 States, if called upon, in defending election systems from  
12 cyberattacks. Such report shall include a description of the  
13 capabilities, readiness levels, and best practices of the Na-  
14 tional Guard with respect to the prevention of cyber at-  
15 tacks on State election systems.

16 **SEC. 1639. MEASUREMENT OF COMPLIANCE WITH CYBER-**  
17 **SECURITY REQUIREMENTS FOR INDUSTRIAL**  
18 **CONTROL SYSTEMS.**

19       (a) IN GENERAL.—Not later than January 1, 2018,  
20 the Secretary of Defense shall make such changes to the  
21 cybersecurity scorecard as are necessary to ensure that the  
22 Secretary measures the progress of each element of the  
23 Department of Defense in securing the industrial control  
24 systems of the Department against cyber threats, includ-  
25 ing such industrial control systems as supervisory control

1 and data acquisition systems, distributed control systems,  
2 programmable logic controllers, and platform information  
3 technology.

4 (b) **CYBERSECURITY SCORECARD DEFINED.**—In this  
5 section, the term “cybersecurity scorecard” means the De-  
6 partment of Defense Cybersecurity Scorecard used by the  
7 Department to measure compliance with cybersecurity re-  
8 quirements as described in the plan of the Department  
9 titled “Department of Defense Cybersecurity Discipline  
10 Implementation Plan”.

11 **SEC. 1640. STRATEGIC CYBERSECURITY PROGRAM.**

12 (a) **IN GENERAL.**—Not later than 180 days after the  
13 date of the enactment of this Act, the Secretary of De-  
14 fense, in consultation with the Director of the National  
15 Security Agency, shall submit to the congressional defense  
16 committees a plan for the establishment of a program to  
17 be known as the “Strategic Cybersecurity Program” or  
18 “SCP” (in this section referred to as the “Program”).

19 (b) **ELEMENTS.**—The Program shall be comprised of  
20 personnel assigned to the Program by the Secretary of De-  
21 fense from among personnel, including regular and reserve  
22 members of the Armed Forces, civilian employees of the  
23 Department, and personnel of the research laboratories of  
24 the Department of Defense and the Department of En-  
25 ergy, who have particular expertise in the areas of respon-

1 sibility described in subsection (c). Any personnel assigned  
2 to the Program from among personnel of the Department  
3 of Energy shall be so assigned with the concurrence of  
4 the Secretary of Energy.

5 (c) RESPONSIBILITIES.—

6 (1) IN GENERAL.—Personnel assigned to the  
7 Program shall assist the Department of Defense in  
8 improving the cybersecurity of the following systems  
9 of the Federal Government:

10 (A) Offensive cyber systems.

11 (B) Long-range strike systems.

12 (C) Nuclear deterrent systems.

13 (D) National security systems.

14 (E) Critical infrastructure of the Depart-  
15 ment of Defense (as that term is defined in sec-  
16 tion 1650(f)(1) of the National Defense Author-  
17 ization Act for Fiscal Year 2017 (Public Law  
18 114–328; 10 U.S.C. 2224 note)).

19 (2) REVIEWS OF SYSTEMS AND INFRASTRUC-  
20 TURE.—In carrying out the activities described in  
21 paragraph (1), the personnel assigned to the Pro-  
22 gram shall conduct appropriate reviews of existing  
23 systems and infrastructure and acquisition plans for  
24 proposed systems and infrastructure. The review of  
25 an acquisition plan for any proposed system or in-

1        frastructure shall be carried out before Milestone B  
2        approval for such system or infrastructure.

3            (3) RESULTS OF REVIEWS.—The results of each  
4        review carried out under paragraph (2), including  
5        any remedial action recommended pursuant to such  
6        review, shall be made available to any agencies or or-  
7        ganizations of the Department involved in the devel-  
8        opment, procurement, operation, or maintenance of  
9        the system or infrastructure concerned.

10        (d) INTEGRATION WITH OTHER EFFORTS.—The  
11        plan required under subsection (a) shall build upon, and  
12        shall not duplicate, other efforts of the Department of De-  
13        fense relating to cybersecurity, including—

14            (1) the evaluation of cyber vulnerabilities of  
15        major weapon systems of the Department of Defense  
16        required under section 1647 of the National Defense  
17        Authorization Act for Fiscal Year 2016 (114–92;  
18        129 Stat. 1118);

19            (2) the evaluation of cyber vulnerabilities of De-  
20        partment of Defense critical infrastructure required  
21        under section 1650 of the National Defense Author-  
22        ization Act for Fiscal Year 2017 (Public Law 114–  
23        328; 10 U.S.C. 2224 note); and

24            (3) the activities of the cyber protection teams  
25        of the Department of Defense.

1 (e) REPORT.—Not later than one year after the date  
2 on which the plan is submitted to the congressional de-  
3 fense committees under subsection (a), the Secretary of  
4 Defense shall submit to the congressional defense commit-  
5 tees a report on any activities carried out pursuant to such  
6 plan. The report shall include the following:

7 (1) A description of any activities of the Pro-  
8 gram carried out pursuant to the plan during the  
9 time period covered by the report.

10 (2) A description of particular challenges en-  
11 countered in the course of the activities of the Pro-  
12 gram, if any, and of actions taken to address such  
13 challenges.

14 (3) A description of any plans for additional ac-  
15 tivities under the Program.

16 **SEC. 1641. PLAN TO INCREASE CYBER AND INFORMATION**  
17 **OPERATIONS, DETERRENCE, AND DEFENSE.**

18 (a) PLAN.—The Secretary of Defense shall develop  
19 a plan to—

20 (1) increase inclusion of regional cyber planning  
21 within larger joint planning exercises of the United  
22 States in the Indo-Asia-Pacific region;

23 (2) enhance joint, regional, and combined infor-  
24 mation operations and strategic communication  
25 strategies to counter Chinese and North Korean in-

1 formation warfare, malign influence, and propa-  
2 ganda activities; and

3 (3) identify potential areas of cybersecurity col-  
4 laboration and partnership capabilities with Asian  
5 allies and partners of the United States.

6 (b) BRIEFING.—Not later than 180 days after the  
7 date of the enactment of this Act, the Secretary of Defense  
8 shall provide to the congressional defense committees a  
9 briefing on the plan required under subsection (a).

10 **SEC. 1642. EVALUATION OF AGILE OR ITERATIVE DEVELOP-**  
11 **MENT OF CYBER TOOLS AND APPLICATIONS.**

12 (a) EVALUATION REQUIRED.—The Commander of  
13 the United States Cyber Command (in this section re-  
14 ferred to as the “Commander”) shall conduct an evalua-  
15 tion of alternative methods for developing, acquiring, and  
16 maintaining software-based cyber tools and applications  
17 for the United States Cyber Command, the Army Cyber  
18 Command, the Fleet Cyber Command, the Air Force  
19 Cyber Command, and the Marine Corps Cyberspace Com-  
20 mand.

21 (b) GOAL.—The goal of the evaluation required by  
22 subsection (a) shall be to identify a set of practices that  
23 will—

24 (1) increase the speed of development of cyber  
25 capabilities of the Armed Forces;

1           (2) provide more effective tools and capabilities  
2           for developing, acquiring, and maintaining software-  
3           based cyber tools and applications for the Armed  
4           Forces; and

5           (3) create a repeatable, disciplined process for  
6           developing, acquiring, and maintaining software-  
7           based cyber tools and applications for the Armed  
8           Forces through which progress and success or fail-  
9           ure can be continuously measured.

10          (c) CONSIDERATION OF AGILE OR ITERATIVE DE-  
11          VELOPMENT, AND OTHER BEST PRACTICES.—

12           (1) IN GENERAL.—The evaluation required by  
13           subsection (a) shall include, with respect to the de-  
14           velopment, acquisition, and maintenance of software-  
15           based cyber tools and applications, consideration of  
16           agile or iterative development practices, agile acqui-  
17           sition practices, and other similar best practices of  
18           commercial industry.

19           (2) CONSIDERATIONS.—In carrying out the  
20           evaluation required by subsection (a), the Com-  
21           mander shall assess requirements for implementing  
22           the practices described in paragraph (1) and con-  
23           sider changes to established acquisition practices  
24           that may be necessary to implement the practices



1 described in such paragraph, including changes to  
2 the following:

3 (A) The requirements process.

4 (B) Contracting.

5 (C) Testing.

6 (D) User involvement in the development  
7 process.

8 (E) Program management.

9 (F) Milestone reviews and approvals.

10 (G) The definitions of “research and devel-  
11 opment”, “procurement”, and “sustainment”.

12 (H) The constraints of current appropria-  
13 tions account definitions.

14 (d) ASSESSMENT OF TRAINING AND EDUCATION RE-  
15 QUIREMENTS.—In carrying out the evaluation required by  
16 subsection (a), the Commander shall assess training and  
17 education requirements for personnel in all areas and at  
18 all levels of management relevant to the successful adop-  
19 tion of new acquisition models and methods for developing,  
20 acquiring, and maintaining cyber tools and applications as  
21 described in such subsection.

22 (e) SERVICES AND EXPERTISE.—In carrying out the  
23 evaluation required by subsection (a), the Commander  
24 shall—

25 (1) obtain services and expertise from—

1 (A) the Defense Digital Service; and

2 (B) federally funded research and develop-  
3 ment centers, such as the Software Engineering  
4 Institute and the MITRE Corporation; and

5 (2) consult with such commercial software com-  
6 panies as the Commander considers appropriate to  
7 learn about relevant commercial best practices.

8 (f) RECOMMENDATIONS.—

9 (1) IN GENERAL.—Not later than 120 days  
10 after the date of the enactment of this Act, the  
11 Commander shall submit to the Secretary of Defense  
12 recommendations for experimenting with or adopting  
13 new acquisition methods identified pursuant to the  
14 evaluation under subsection (a), including rec-  
15 ommendations for any actions that should be carried  
16 out to ensure the successful implementation of such  
17 methods.

18 (2) CONGRESSIONAL BRIEFING.—Not later than  
19 14 days after submitting recommendations to the  
20 Secretary under paragraph (1), the Commander  
21 shall provide to the congressional defense commit-  
22 tees a briefing on the recommendations.

23 (g) PRESERVATION OF EXISTING AUTHORITY.—The  
24 evaluation required under subsection (a) is intended to in-  
25 form future acquisition approaches. Nothing in this sec-

1 tion shall be construed to limit or impede the Commander  
2 in exercising the authority provided under section 807 of  
3 the National Defense Authorization Act for Fiscal Year  
4 2016 (Public Law 114–92; 10 U.S.C. 2224 note).

5 (h) AGILE OR ITERATIVE DEVELOPMENT DE-  
6 FINED.—In this section, the term “agile or iterative devel-  
7 opment”, with respect to software—

8 (1) means acquisition pursuant to a method for  
9 delivering multiple, rapid, incremental capabilities to  
10 the user for operational use, evaluation, and feed-  
11 back not exclusively linked to any single, proprietary  
12 method or process; and

13 (2) involves—

14 (A) the incremental development and field-  
15 ing of capabilities, commonly called “spirals”,  
16 “spins”, or “sprints”, which can be measured  
17 in a few weeks or months; and

18 (B) continuous participation and collabora-  
19 tion by users, testers, and requirements au-  
20 thorities.

21 **SEC. 1643. ASSESSMENT OF DEFENSE CRITICAL ELECTRIC**  
22 **INFRASTRUCTURE.**

23 Section 1650(b)(1) of the National Defense Author-  
24 ization Act for fiscal year 2017 (114–328; 10 U.S.C. 2224  
25 note) is amended—

1 (1) in subparagraph (C), by striking “and” at  
2 the end;

3 (2) in subparagraph (D), by striking the period  
4 at the end and inserting “; and”; and

5 (3) by adding at the end the following:

6 “(E) to assess the strategic benefits de-  
7 rived from, and the challenges associated with,  
8 isolating military infrastructure from the na-  
9 tional electric grid and the use of microgrids.”.

10 **SEC. 1644. CYBER POSTURE REVIEW.**

11 (a) REQUIREMENT FOR COMPREHENSIVE REVIEW.—

12 In order to clarify the near-term policy and strategy of  
13 the United States with respect to cyber deterrence, the  
14 Secretary of Defense shall conduct a comprehensive review  
15 of the cyber posture of the United States over the posture  
16 review period.

17 (b) CONSULTATION.—The Secretary of Defense shall  
18 conduct the review under subsection (a) in consultation  
19 with the Director of National Intelligence, the Attorney  
20 General, the Secretary of Homeland Security, and the Sec-  
21 retary of State, as appropriate.

22 (c) ELEMENTS OF REVIEW.—The review conducted  
23 under subsection (a) shall include, for the posture review  
24 period, the following elements:

1           (1) The role of cyber forces in the military  
2 strategy, planning, and programming of the United  
3 States.

4           (2) Review of the role of cyber operations in  
5 combatant commander operational planning, the  
6 ability of combatant commanders to respond to hos-  
7 tile acts by adversaries, and the ability of combatant  
8 commanders to engage and build capacity with al-  
9 lies.

10          (3) A review of the law, policies, and authorities  
11 relating to, and necessary for the United States to  
12 maintain, a safe, reliable, and credible cyber posture  
13 for responding to cyber attacks and for deterrence in  
14 cyberspace.

15          (4) A declaratory policy relating to the re-  
16 sponses of the United States to cyber attacks of sig-  
17 nificant consequence.

18          (5) Proposed norms for the conduct of offensive  
19 cyber operations for deterrence and in crisis and  
20 conflict.

21          (6) Guidance for the development of a cyber de-  
22 terrence strategy (which may include activities, capa-  
23 bility efforts, and operations other than cyber activi-  
24 ties, cyber capability efforts, and cyber operations),  
25 including—

1 (A) a review and assessment of various ap-  
2 proaches to cyber deterrence, determined in  
3 consultation with experts from Government,  
4 academia, and industry;

5 (B) a comparison of the strengths and  
6 weaknesses of the approaches identified under  
7 subparagraph (A) relative to the threat and to  
8 each other; and

9 (C) an explanation of how the cyber deter-  
10 rence strategy will inform country-specific de-  
11 terrence campaign plans focused on key leader-  
12 ship of Russia, China, Iran, North Korea, and  
13 any other country the Secretary considers ap-  
14 propriate.

15 (7) Identification of the steps that should be  
16 taken to bolster stability in cyberspace and, more  
17 broadly, stability between major powers, taking into  
18 account—

19 (A) the analysis and gaming of escalation  
20 dynamics in various scenarios; and

21 (B) consideration of the spiral escalatory  
22 effects of countries developing increasingly po-  
23 tent offensive cyber capabilities.

1           (8) A determination of whether sufficient per-  
2           sonnel are trained and equipped to meet validated  
3           cyber requirements.

4           (9) Such other matters as the Secretary con-  
5           siders appropriate.

6           (d) REPORT.—

7           (1) IN GENERAL.—The Secretary of Defense  
8           shall submit to the congressional defense committees  
9           a report on the results of the cyber posture review  
10          conducted under subsection (a).

11          (2) FORM OF REPORT.—The report under para-  
12          graph (1) may be submitted in unclassified form or  
13          classified form, as necessary.

14          (3) LIMITATION ON AVAILABILITY OF FUNDS.—  
15          Of the funds authorized to be appropriated by this  
16          Act or otherwise made available for fiscal year 2018  
17          for operations and maintenance for the Office of the  
18          Assistant Secretary of Defense for Public Affairs,  
19          not more than 85 percent may be obligated or ex-  
20          pended until the date on which the Secretary of De-  
21          fense submits to the congressional defense commit-  
22          tees the report under paragraph (1).

23          (e) POSTURE REVIEW PERIOD DEFINED.—In this  
24          section, the term “posture review period” means the pe-  
25          riod beginning on the date that is five years after the date

1 of the enactment of this Act and ending on the date that  
2 is 10 years after such date of enactment.

3 **SEC. 1645. BRIEFING ON CYBER CAPABILITY AND READI-**  
4 **NESS SHORTFALLS.**

5 (a) BRIEFING REQUIRED.—Not later than 180 days  
6 after the date of the enactment of this Act, the Secretary  
7 of the Army shall provide to the Committees on Armed  
8 Services of Senate and the House of Representatives a  
9 briefing on the ability of the Army Combat Training Cen-  
10 ters to provide sufficient cyber training for deploying  
11 forces.

12 (b) ELEMENTS.—The briefing under subsection (a)  
13 shall include—

14 (1) an assessment of the pre-rotational training  
15 requirements for all deploying Army forces relating  
16 to the conduct of, and response to, cyber electro-  
17 magnetic activities;

18 (2) an assessment of the training capabilities of  
19 the Army Combat Training Centers with respect to  
20 cyber electromagnetic activities; and

21 (3) recommendations for any improvements to  
22 training curricula, exercises, or infrastructure capa-  
23 bilities that may be needed to fill gaps in cyber  
24 training capabilities as such gaps are identified in  
25 the assessments under paragraphs (1) and (2).



1 (c) ADDITIONAL CONSIDERATIONS.—In preparing  
2 the briefing under subsection (a), the Secretary of the  
3 Army shall take into account the resources available with-  
4 in a 10-mile radius of the Army Combat Training Centers  
5 that could be used to address potential cyber capability  
6 and readiness shortfalls, including resources from other  
7 military departments, defense agencies, and field activi-  
8 ties.

9 (d) CYBER ELECTROMAGNETIC ACTIVITIES DE-  
10 FINED.—In this section, the term “cyber electromagnetic  
11 activities” has the meaning given the term in the Army  
12 Field Manual 3–38 titled “Cyber Electromagnetic Activi-  
13 ties”.

14 **SEC. 1646. BRIEFING ON CYBER APPLICATIONS OF**  
15 **BLOCKCHAIN TECHNOLOGY.**

16 (a) BRIEFING REQUIRED.—Not later than 180 days  
17 after the date of the enactment of this Act, the Secretary  
18 of Defense, in consultation with the heads of such other  
19 departments and agencies of the Federal Government as  
20 the Secretary considers appropriate, shall provide to the  
21 appropriate committees of Congress a briefing on the  
22 cyber applications of blockchain technology.

23 (b) ELEMENTS.—The briefing under subsection (a)  
24 shall include—

1           (1) a description of potential offensive and de-  
2           fensive cyber applications of blockchain technology  
3           and other distributed database technologies;

4           (2) an assessment of efforts by foreign powers,  
5           extremist organizations, and criminal networks to  
6           utilize such technologies;

7           (3) an assessment of the use or planned use of  
8           such technologies by the Federal Government and  
9           critical infrastructure networks; and

10          (4) an assessment of the vulnerabilities of crit-  
11          ical infrastructure networks to cyber attacks.

12          (c) FORM OF BRIEFING.—The briefing under sub-  
13          section (a) shall be provided in unclassified form, but may  
14          include a classified supplement.

15          (d) APPROPRIATE COMMITTEES OF CONGRESS DE-  
16          FINED.—In this section, the term “appropriate commit-  
17          tees of Congress” means—

18                 (1) the Committee on Armed Services, the Se-  
19                 lect Committee on Intelligence, the Committee on  
20                 Banking, Housing, and Urban Affairs, and the Com-  
21                 mittee on Homeland Security and Governmental Af-  
22                 fairs of the Senate; and

23                 (2) the Committee on Armed Services, the Per-  
24                 manent Select Committee on Intelligence, the Com-

1           mittee on Financial Services, and the Committee on  
2           Homeland Security of the House of Representatives.

3   **SEC. 1647. BRIEFING ON TRAINING INFRASTRUCTURE FOR**  
4                                   **CYBER MISSION FORCES.**

5           Not later than 180 days after the date of the enact-  
6   ment of this Act, the Secretary of Defense shall provide  
7   to the congressional defense committees a briefing on the  
8   Department of Defense training infrastructure for cyber  
9   mission forces. Such briefing shall include the following:

10                   (1) A strategic plan for the growth and expan-  
11                   sion of the training infrastructure for cyber mission  
12                   forces across the Department of Defense commensu-  
13                   rate with the projected growth of the cyber mission  
14                   force.

15                   (2) Identification of the shortcomings in such  
16                   training infrastructure.

17                   (3) A plan for the management and oversight  
18                   of such training infrastructure, including manage-  
19                   ment and oversight of the implementation of the  
20                   strategic plan described in paragraph (1).

21                   (4) Commercial applications that may poten-  
22                   tially be used to address the needs identified in the  
23                   strategic plan described in paragraph (1).

1 **SEC. 1648. REPORT ON TERMINATION OF DUAL-HAT AR-**  
2 **RANGEMENT FOR COMMANDER OF THE**  
3 **UNITED STATES CYBER COMMAND.**

4 (a) REPORT.—Not later than May 1, 2018, the Sec-  
5 retary of Defense shall submit to the appropriate congres-  
6 sional committees a report on the progress of the Depart-  
7 ment of Defense in meeting the requirements of section  
8 1642 of the National Defense Authorization Act for Fiscal  
9 Year 2017 (Public Law 114–328; 130 Stat. 2601).

10 (b) ELEMENTS.—The report under subsection (a)  
11 shall include, with respect to any decision to terminate the  
12 dual-hat arrangement as described in section 1642 of the  
13 National Defense Authorization Act for Fiscal Year 2017  
14 (Public Law 114–328; 130 Stat. 2601), the following:

15 (1) Metrics and milestones for meeting the con-  
16 ditions described in subsection (b)(2)(C) of such sec-  
17 tion 1642.

18 (2) Identification of any challenges to meeting  
19 such conditions.

20 (3) Using data and support from the Director  
21 of Cost Assessment and Program Evaluation, in con-  
22 sultation with the Commander of the United States  
23 Cyber Command and the Director of the National  
24 Security Agency, identification of the costs that may  
25 be incurred in the effort to meet such conditions.

1           (4) Identification of entities or persons requir-  
2           ing additional resources as a result of any decision  
3           to terminate the dual-hat arrangement.

4           (5) Identification of any updates to statutory  
5           authorities needed as a result of any decision to ter-  
6           minate the dual-hat arrangement.

7           (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
8           FINED.—In this section, the term “appropriate congres-  
9           sional committees” means—

10           (1) the congressional defense committees;

11           (2) the Select Committee on Intelligence of the  
12           Senate; and

13           (3) the Permanent Select Committee on Intel-  
14           ligence of the House of Representatives.

## 15           **PART II—CYBERSECURITY EDUCATION**

### 16           **SEC. 1649. CYBER SCHOLARSHIP PROGRAM.**

17           (a) NAME OF PROGRAM.—Section 2200 of title 10,  
18           Unites States Code, is amended by adding at the end the  
19           following:

20           “(c) NAME OF PROGRAM.—The programs authorized  
21           under this chapter shall be known as the ‘Cyber Scholar-  
22           ship Program’.”.

23           (b) MODIFICATION TO ALLOCATION OF FUNDING  
24           FOR CYBER SCHOLARSHIP PROGRAM.—Section 2200a(f)  
25           of title 10, Unites States Code, is amended—

1 (1) by inserting “(1)” before “Not less”; and  
2 (2) by adding at the end the following new  
3 paragraph:

4 “(2) Not less than five percent of the amount  
5 available for financial assistance under this section  
6 for a fiscal year shall be available for providing fi-  
7 nancial assistance for the pursuit of an associate de-  
8 gree at an institution described in paragraph (1).”.

9 (c) CYBER DEFINITION.—Section 2200e of title 10,  
10 Unites States Code, is amended to read as follows:

11 **“§ 2200e. Definitions**

12 “In this chapter:

13 “(1) The term ‘cyber’ includes the following:

14 “(A) Offensive cyber operations.

15 “(B) Defensive cyber operations.

16 “(C) Department of Defense information  
17 network operations and defense.

18 “(D) Any other information technology  
19 that the Secretary of Defense considers to be  
20 related to the cyber activities of the Depart-  
21 ment of Defense.

22 “(2) The term ‘institution of higher education’  
23 has the meaning given the term in section 101 of the  
24 Higher Education Act of 1965 (20 U.S.C. 1001).

1           “(3) The term ‘Center of Academic Excellence  
2           in Cyber Education’ means an institution of higher  
3           education that is designated by the Director of the  
4           National Security Agency as a Center of Academic  
5           Excellence in Cyber Education.”.

6           (d) CONFORMING AMENDMENTS.—

7           (1) Chapter 112 of title 10, United States  
8           Code, is further amended—

9                   (A) in the chapter heading, by striking  
10                   “**INFORMATION SECURITY**” and in-  
11                   serting “**CYBER**”;

12                   (B) in section 2200 (as amended by sub-  
13                   section (a))—

14                           (i) in subsection (a), by striking “De-  
15                           partment of Defense information assurance  
16                           requirements” and inserting “the cyber re-  
17                           quirements of the Department of De-  
18                           fense”; and

19                           (ii) in subsection (b)(1), by striking  
20                           “information assurance” and inserting  
21                           “cyber disciplines”;

22                   (C) in section 2200a (as amended by sub-  
23                   section (b))—

1 (i) in subsection (a)(1), by striking  
2 “an information assurance discipline” and  
3 inserting “a cyber discipline”;

4 (ii) in subsection (f)(1), by striking  
5 “information assurance” and inserting  
6 “cyber disciplines”; and

7 (iii) in subsection (g)(1), by striking  
8 “an information technology position” and  
9 inserting “a cyber position”;

10 (D) in section 2200b, by striking “infor-  
11 mation assurance disciplines” and inserting  
12 “cyber disciplines”;

13 (E) in the heading of section 2200c, by  
14 striking “**Information Assurance**” and in-  
15 serting “**Cyber**”; and

16 (F) in section 2200c, by striking “Infor-  
17 mation Assurance” each place it appears and  
18 inserting “Cyber”.

19 (2) The table of sections at the beginning of  
20 chapter 112 of title 10, Unites States Code, is  
21 amended by striking the item relating to section  
22 2200c and inserting the following:

“2200c. Centers of Academic Excellence in Cyber Education.”.

23 (3) Section 7045 of title 10, United States  
24 Code, is amended—



1 (A) by striking “Information Security  
2 Scholarship program” each place it appears and  
3 inserting “Cyber Scholarship program”; and

4 (B) in subsection (a)(2)(B), by striking  
5 “information assurance” and inserting “a cyber  
6 discipline”.

7 (4) Section 7904(4) of title 38, United States  
8 Code, is amended by striking “Information Assur-  
9 ance” and inserting “Cyber”.

10 (e) REDESIGNATIONS.—

11 (1) SCHOLARSHIP PROGRAM.—The Information  
12 Security Scholarship program under chapter 112 of  
13 title 10, United States Code, is redesignated as the  
14 “Cyber Scholarship program”. Any reference in a  
15 law (other than this section), map, regulation, docu-  
16 ment, paper, or other record of the United States to  
17 the Information Security Scholarship program shall  
18 be deemed to be a reference to the Cyber Scholar-  
19 ship Program.

20 (2) CENTERS OF ACADEMIC EXCELLENCE.—  
21 Any institution of higher education designated by  
22 the Director of the National Security Agency as a  
23 Center of Academic Excellence in Information As-  
24 surance Education is redesignated as a Center of  
25 Academic Excellence in Cyber Education. Any ref-

1       erence in a law (other than this section), map, regu-  
2       lation, document, paper, or other record of the  
3       United States to a Center of Academic Excellence in  
4       Information Assurance Education shall be deemed to  
5       be a reference to a Center of Academic Excellence  
6       in Cyber Education.

7       (f) **AUTHORIZATION OF APPROPRIATIONS.**—There is  
8       authorized to be appropriated to the Secretary of Defense  
9       to provide financial assistance under section 2200a of title  
10      10, United States Code (as amended by this section), and  
11      grants under section 2200b of such title (as so amended),  
12      \$10,000,000 for fiscal year 2018.

13      **SEC. 1649A. COMMUNITY COLLEGE CYBER PILOT PROGRAM**  
14                                      **AND ASSESSMENT.**

15      (a) **PILOT PROGRAM.**—Not later than 1 year after  
16      the date of enactment of this subtitle, as part of the Fed-  
17      eral Cyber Scholarship-for-Service program established  
18      under section 302 of the Cybersecurity Enhancement Act  
19      of 2014 (15 U.S.C. 7442), the Director of the National  
20      Science Foundation, in coordination with the Director of  
21      the Office of Personnel Management, shall develop and  
22      implement a pilot program at not more than 10, but at  
23      least 5, community colleges to provide scholarships to eli-  
24      gible students who—

1           (1) are pursuing associate degrees or specialized  
2           program certifications in the field of cybersecurity;  
3           and

4           (2)(A) have bachelor's degrees; or  
5           (B) are veterans of the Armed Forces.

6           (b) ASSESSMENT.—Not later than 1 year after the  
7           date of enactment of this subtitle, as part of the Federal  
8           Cyber Scholarship-for-Service program established under  
9           section 302 of the Cybersecurity Enhancement Act of  
10          2014 (15 U.S.C. 7442), the Director of the National  
11          Science Foundation, in coordination with the Director of  
12          the Office of Personnel Management, shall assess the po-  
13          tential benefits and feasibility of providing scholarships  
14          through community colleges to eligible students who are  
15          pursuing associate degrees, but do not have bachelor's de-  
16          grees.

17          **SEC. 1649B. FEDERAL CYBER SCHOLARSHIP-FOR-SERVICE**  
18    **PROGRAM UPDATES.**

19          (a) IN GENERAL.—Section 302 of the Cybersecurity  
20          Enhancement Act of 2014 (15 U.S.C. 7442) is amended—

21                 (1) in subsection (b)—

22                         (A) in paragraph (2), by striking “and” at  
23                         the end; and

24                         (B) by striking paragraph (3) and insert-  
25                         ing the following:

1           “(3) prioritize the employment placement of at  
2           least 80 percent of scholarship recipients in an execu-  
3           tive agency (as defined in section 105 of title 5,  
4           United States Code); and

5           “(4) provide awards to improve cybersecurity  
6           education at the kindergarten through grade 12  
7           level—

8                   “(A) to increase interest in cybersecurity  
9                   careers;

10                   “(B) to help students practice correct and  
11                   safe online behavior and understand the  
12                   foundational principles of cybersecurity;

13                   “(C) to improve teaching methods for de-  
14                   livering cybersecurity content for kindergarten  
15                   through grade 12 computer science curricula;  
16                   and

17                   “(D) to promote teacher recruitment in the  
18                   field of cybersecurity.”;

19           (2) by amending subsection (d) to read as fol-  
20           lows:

21           “(d) **POST-AWARD EMPLOYMENT OBLIGATIONS.**—  
22           Each scholarship recipient, as a condition of receiving a  
23           scholarship under the program, shall enter into an agree-  
24           ment under which the recipient agrees to work for a period

1 equal to the length of the scholarship, following receipt  
2 of the student's degree, in the cybersecurity mission of—

3 “(1) an executive agency (as defined in section  
4 105 of title 5, United States Code);

5 “(2) Congress, including any agency, entity, of-  
6 fice, or commission established in the legislative  
7 branch;

8 “(3) an interstate agency;

9 “(4) a State, local, or Tribal government; or

10 “(5) a State, local, or Tribal government-affili-  
11 ated non-profit that is considered to be critical infra-  
12 structure (as defined in section 1016(e) of the USA  
13 Patriot Act (42 U.S.C. 5195c(e)).”;

14 (3) in subsection (f)—

15 (A) by amending paragraph (3) to read as  
16 follows:

17 “(3) have demonstrated a high level of com-  
18 petency in relevant knowledge, skills, and abilities,  
19 as defined by the national cybersecurity awareness  
20 and education program under section 401;”;

21 (B) by amending paragraph (4) to read as  
22 follows:

23 “(4) be a full-time student in an eligible degree  
24 program at a qualified institution of higher edu-  
25 cation, as determined by the Director of the Na-

1 tional Science Foundation, except that in the case of  
2 a student who is enrolled in a community college, be  
3 a student pursuing a degree on a less than full-time  
4 basis, but not less than half-time basis; and”;

5 (4) by amending subsection (m) to read as fol-  
6 lows:

7 “(m) PUBLIC INFORMATION.—

8 “(1) EVALUATION.—The Director of the Na-  
9 tional Science Foundation, in coordination with the  
10 Director of the Office of Personnel Management,  
11 shall periodically evaluate and make public, in a  
12 manner that protects the personally identifiable in-  
13 formation of scholarship recipients, information on  
14 the success of recruiting individuals for scholarships  
15 under this section and on hiring and retaining those  
16 individuals in the public sector cyber workforce, in-  
17 cluding information on—

18 “(A) placement rates;

19 “(B) where students are placed, including  
20 job titles and descriptions;

21 “(C) salary ranges for students not re-  
22 leased from obligations under this section;

23 “(D) how long after graduation students  
24 are placed;

1           “(E) how long students stay in the posi-  
2           tions they enter upon graduation;

3           “(F) how many students are released from  
4           obligations; and

5           “(G) what, if any, remedial training is re-  
6           quired.

7           “(2) REPORTS.—The Director of the National  
8           Science Foundation, in coordination with the Office  
9           of Personnel Management, shall submit, not less fre-  
10          quently than once every 3 years, to the Committee  
11          on Commerce, Science, and Transportation of the  
12          Senate and the Committee on Science, Space, and  
13          Technology of the House of Representatives a re-  
14          port, including the results of the evaluation under  
15          paragraph (1) and any recent statistics regarding  
16          the size, composition, and educational requirements  
17          of the Federal cyber workforce.

18          “(3) RESOURCES.—The Director of the Na-  
19          tional Science Foundation, in coordination with the  
20          Director of the Office of Personnel Management,  
21          shall provide consolidated and user-friendly online  
22          resources for prospective scholarship recipients, in-  
23          cluding, to the extent practicable—

24                 “(A) searchable, up-to-date, and accurate  
25                 information about participating institutions of

1 higher education and job opportunities related  
2 to the field of cybersecurity; and

3 “(B) a modernized description of cyberse-  
4 curity careers.”.

5 (b) SAVINGS PROVISION.—Nothing in this section, or  
6 an amendment made by this section, shall affect any  
7 agreement, scholarship, loan, or repayment, under section  
8 302 of the Cybersecurity Enhancement Act of 2014 (15  
9 U.S.C. 7442), in effect on the day before the date of enact-  
10 ment of this subtitle.

11 **SEC. 1649C. CYBERSECURITY TEACHING.**

12 Section 10(i) of the National Science Foundation Au-  
13 thorization Act of 2002 (42 U.S.C. 1862n–1(i)) is amend-  
14 ed—

15 (1) by amending paragraph (5) to read as fol-  
16 lows:

17 “(5) the term ‘mathematics and science teacher’  
18 means a science, technology, engineering, mathe-  
19 matics, or computer science, including cybersecurity,  
20 teacher at the elementary school or secondary school  
21 level;” and

22 (2) by amending paragraph (7) to read as fol-  
23 lows:

24 “(7) the term ‘science, technology, engineering,  
25 or mathematics professional’ means an individual



1 who holds a baccalaureate, master’s, or doctoral de-  
2 gree in science, technology, engineering, mathe-  
3 matics, or computer science, including cybersecurity,  
4 and is working in or had a career in such field or  
5 a related area; and”.

## 6 **Subtitle D—Nuclear Forces**

### 7 **SEC. 1651. ANNUAL ASSESSMENT OF CYBER RESILIENCY OF** 8 **NUCLEAR COMMAND AND CONTROL SYSTEM.**

9 (a) IN GENERAL.—Chapter 24 of title 10, United  
10 States Code, is amended by adding at the end the fol-  
11 lowing new section:

#### 12 **“§ 499. Annual assessment of cyber resiliency of nu-** 13 **clear command and control system**

14 “(a) IN GENERAL.—Not less frequently than annu-  
15 ally, the Commander of the United States Strategic Com-  
16 mand and the Commander of the United States Cyber  
17 Command (in this section referred to collectively as the  
18 ‘Commanders’) shall jointly conduct an assessment of the  
19 cyber resiliency of the nuclear command and control sys-  
20 tem.

21 “(b) ELEMENTS.—In conducting the assessment re-  
22 quired by subsection (a), the Commanders shall—

23 “(1) conduct an assessment of the sufficiency  
24 and resiliency of the nuclear command and control  
25 system to operate through a cyber attack from the

1 Russian Federation, the People’s Republic of China,  
2 or any other country or entity the Commanders  
3 identify as a potential threat; and

4 “(2) develop recommendations for mitigating  
5 any concerns of the Commanders resulting from the  
6 assessment.

7 “(c) REPORT REQUIRED.—(1) The Commanders  
8 shall jointly submit to the Chairman of the Joint Chiefs  
9 of Staff, for submission to the Council on Oversight of  
10 the National Leadership Command, Control, and Commu-  
11 nications System established under section 171a of this  
12 title, a report on the assessment required by subsection  
13 (a) that includes the following:

14 “(A) The recommendations developed under  
15 subsection (b)(2).

16 “(B) A statement of the degree of confidence of  
17 each of the Commanders in the mission assurance of  
18 the nuclear deterrent against a top tier cyber threat.

19 “(C) A detailed description of the approach  
20 used to conduct the assessment required by sub-  
21 section (a) and the technical basis of conclusions  
22 reached in conducting that assessment.

23 “(D) Any other comments of the Commanders.

1           “(2) The Council shall submit to the Secretary of De-  
2 fense the report required by paragraph (1) and any com-  
3 ments of the Council on the report.

4           “(3) The Secretary of Defense shall submit to the  
5 congressional defense committees the report required by  
6 paragraph (1), any comments of the Council on the report  
7 under paragraph (2), and any comments of the Secretary  
8 on the report.

9           “(d) QUARTERLY BRIEFINGS.—Not less than once  
10 every quarter, the Deputy Secretary of Defense and the  
11 Vice Chairman of the Joint Chiefs of Staff shall jointly  
12 provide to the Committees on Armed Services of the  
13 House of Representatives and the Senate a briefing on any  
14 known or suspected critical intelligence parameter  
15 breaches that were identified during the previous quarter,  
16 including an assessment of any known or suspected im-  
17 pacts of such breaches to the mission effectiveness of mili-  
18 tary capabilities as of the date of the briefing or there-  
19 after.

20           “(e) TERMINATION.—The requirements of this sec-  
21 tion shall terminate on December 31, 2027.”.

22           (b) CLERICAL AMENDMENT.—The table of sections  
23 for chapter 24 of such title is amended by inserting after  
24 the item relating to section 498 the following new item:

“499. Annual assessment of cyber resiliency of nuclear command and control  
system.”.

1 **SEC. 1652. COLLECTION, STORAGE, AND SHARING OF DATA**  
2 **RELATING TO NUCLEAR SECURITY ENTER-**  
3 **PRISE.**

4 (a) IN GENERAL.—Chapter 24 of title 10, United  
5 States Code, as amended by section 1651, is further  
6 amended by adding at the end the following new section:

7 **“§ 499a. Collection, storage, and sharing of data relat-**  
8 **ing to nuclear security enterprise and nu-**  
9 **clear forces**

10 “(a) IN GENERAL.—The Secretary of Defense, acting  
11 through the Director of Cost Assessment and Program  
12 Evaluation, and the Administrator for Nuclear Security,  
13 acting through the Director for Cost Estimating and Pro-  
14 gram Evaluation, shall collect and store cost, pro-  
15 grammatic, and technical data relating to programs and  
16 projects of the nuclear security enterprise and nuclear  
17 forces.

18 “(b) SHARING OF DATA.—If the Director of Cost As-  
19 sessment and Program Evaluation or the Director for  
20 Cost Estimating and Program Evaluation requests data  
21 relating to programs or projects from any element of the  
22 Department of Defense or from any element of the nuclear  
23 security enterprise of the National Nuclear Security Ad-  
24 ministration, that element shall provide that data in a  
25 timely manner.

1           “(c) STORAGE OF DATA.—(1) Data collected by the  
2 Director of Cost Assessment and Program Evaluation and  
3 the Director for Cost Estimating and Program Evaluation  
4 under this section shall be—

5           “(A) stored in the data storage system of the  
6 Defense Cost and Resource Center, or successor cen-  
7 ter, or in a data storage system of the National Nu-  
8 clear Security Administration that is comparable to  
9 the data storage system of the Defense Cost and Re-  
10 source Center; and

11           “(B) made accessible to other Federal agencies  
12 as such Directors consider appropriate.

13           “(2) The Secretary and the Administrator shall en-  
14 sure that the Director of Cost Assessment and Program  
15 Evaluation and the Director for Cost Estimating and Pro-  
16 gram Evaluation have sufficient information system sup-  
17 port, as determined by such Directors, to facilitate the  
18 timely hosting, handling, and sharing of data relating to  
19 programs and projects of the nuclear security enterprise  
20 under this section at the appropriate level of classification.

21           “(3) The Deputy Administrator for Naval Reactors  
22 of the National Nuclear Security Administration may co-  
23 ordinate with the Director of Cost Assessment and Pro-  
24 gram Evaluation and the Director for Cost Estimating  
25 and Program Evaluation to ensure that, at the discretion

1 of the Deputy Administrator, data relating to programs  
2 and projects of the Office of Naval Reactors are correctly  
3 represented in the data storage system pursuant to para-  
4 graph (1)(A).

5 “(d) CONTRACT REQUIREMENTS.—The Secretary  
6 and the Administrator shall ensure that any relevant con-  
7 tract relating to a program or project of the nuclear secu-  
8 rity enterprise and nuclear forces that is entered into on  
9 or after the date of the enactment of this section appro-  
10 priately includes—

11 “(1) requirements and standards for data col-  
12 lection; and

13 “(2) requirements for reporting on cost, pro-  
14 grammatic, and technical data using procedures,  
15 standards, and formats approved by the Director of  
16 Cost Assessment and Program Evaluation and the  
17 Director for Cost Estimating and Program Evalua-  
18 tion.

19 “(e) NUCLEAR SECURITY ENTERPRISE DEFINED.—  
20 In this section, the term ‘nuclear security enterprise’ has  
21 the meaning given that term in section 4002 of the Atomic  
22 Energy Defense Act (50 U.S.C. 2501).”.

23 (b) CLERICAL AMENDMENT.—The table of sections  
24 for chapter 24 of such title is amended by inserting after

1 the item relating to section 499, as added by section 1651,  
2 the following new item:

“499a. Collection, storage, and sharing of data relating to nuclear security enterprise and nuclear forces.”.

3 **SEC. 1653. NOTIFICATIONS REGARDING DUAL-CAPABLE F-**  
4 **35A AIRCRAFT.**

5 Section 179(f) of title 10, United States Code, is  
6 amended—

7 (1) by redesignating paragraph (6) as para-  
8 graph (7); and

9 (2) by inserting after paragraph (5) the fol-  
10 lowing new paragraph (6):

11 “(6) If a House of Congress adopts a bill authorizing  
12 or appropriating funds for the Department of Defense  
13 that, as determined by the Council, provides funds in an  
14 amount that will result in a delay in the nuclear certifi-  
15 cation or delivery of F-35A dual-capable aircraft, the  
16 Council shall notify the congressional defense committees  
17 of the determination.”.

18 **SEC. 1654. OVERSIGHT OF DELAYED ACQUISITION PRO-**  
19 **GRAMS BY COUNCIL ON OVERSIGHT OF THE**  
20 **NATIONAL LEADERSHIP COMMAND, CON-**  
21 **TROL, AND COMMUNICATIONS SYSTEM.**

22 (a) STATUS UPDATES.—

23 (1) IN GENERAL.—Section 171a of title 10,  
24 United States Code, is amended—

1 (A) by redesignating subsection (k) as sub-  
2 section (l); and

3 (B) by inserting after subsection (j) the  
4 following new subsection (k):

5 “(k) STATUS OF ACQUISITION PROGRAMS.—(1) On  
6 a quarterly basis, each program manager of a covered ac-  
7 quisition program shall transmit to the co-chairs of the  
8 Council, acting through the senior steering group of the  
9 Council, a report that identifies—

10 “(A) the covered acquisition program;

11 “(B) the requirements of the program;

12 “(C) the development timeline of the program;

13 and

14 “(D) the status of the program, including  
15 whether the program is delayed and, if so, whether  
16 such delay will result in a program schedule delay.

17 “(2) Not later than seven days after the end of each  
18 semiannual period, the co-chairs of the Council shall sub-  
19 mit to the congressional defense committees a report that  
20 identifies, with respect to the reports transmitted to the  
21 Council under paragraph (1) for the two quarters in such  
22 period—

23 “(A) each covered acquisition program that is  
24 delayed more than 180 days; and



1           “(B) any covered acquisition program that  
2           should have been included in such reports but was  
3           excluded, and the reasons for such exclusion.

4           “(3) In this subsection, the term ‘covered acquisition  
5 program’ means each acquisition program of the Depart-  
6 ment of Defense that materially contributes to—

7           “(A) the nuclear command, control, and com-  
8 munications systems of the United States; or

9           “(B) the continuity of government systems of  
10 the United States.”.

11           (2) INSTRUCTIONS.—The Secretary of Defense  
12 shall issue a Department of Defense Instruction, or  
13 revise such an Instruction, to ensure that program  
14 managers carry out subsection (k)(1) of section  
15 171a of title 10, United States Code, as added by  
16 paragraph (1).

17           (b) EXECUTION AND PROGRAMMATIC OVERSIGHT.—

18           (1) DATABASE.—Not later than one year after  
19 the date of the enactment of this Act, the Chief In-  
20 formation Officer of the Department of Defense, as  
21 Executive Secretary of the Council on Oversight of  
22 the National Leadership Command, Control, and  
23 Communications System established under section  
24 171a of title 10, United States Code (or a successor  
25 to the Chief Information Officer assigned responsi-

1 bility for policy, oversight, guidance, and coordina-  
2 tion for nuclear command and control systems),  
3 shall, in coordination with the Under Secretary of  
4 Defense for Acquisition and Sustainment, develop a  
5 database relating to the execution of all nuclear  
6 command, control, and communications acquisition  
7 programs of the Department of Defense with an ap-  
8 proved Materiel Development Decision. The database  
9 shall be updated not less frequently than annually  
10 and upon completion of a major program element of  
11 such a program.

12 (2) DATABASE ELEMENTS.—The database re-  
13 quired by paragraph (1) shall include, at a min-  
14 imum, the following elements for each program de-  
15 scribed in that paragraph, consistent with Depart-  
16 ment of Defense Instruction 5000.02:

17 (A) Projected dates for Milestones A, B,  
18 and C, including cost thresholds and objectives  
19 for major elements of life cycle cost.

20 (B) Projected dates for program design re-  
21 views and critical design reviews.

22 (C) Projected dates for developmental and  
23 operation tests.

24 (D) Projected dates for initial operational  
25 capability and final operational capability.

1 (E) An acquisition program baseline.

2 (F) Program acquisition unit cost and av-  
3 erage procurement unit cost.

4 (G) Contract type.

5 (H) Key performance parameters.

6 (I) Key system attributes.

7 (J) A risk register.

8 (K) Technology readiness levels.

9 (L) Manufacturing readiness levels.

10 (M) Integration readiness levels.

11 (N) Any other critical elements that affect  
12 the stability of the program.

13 (3) BRIEFINGS.—The co-chairs of the Council  
14 on Oversight of the National Leadership Command,  
15 Control, and Communications System shall brief the  
16 congressional defense committees on the status of  
17 the database required by paragraph (1)—

18 (A) not later than 180 days after the date  
19 of the enactment of this Act; and

20 (B) upon completion of the database.

21 **SEC. 1655. ESTABLISHMENT OF NUCLEAR COMMAND AND**  
22 **CONTROL INTELLIGENCE FUSION CENTER.**

23 (a) ESTABLISHMENT.—Not later than 180 days after  
24 the date of the enactment of this Act, the Secretary of  
25 Defense and the Director of National Intelligence shall

1 jointly establish an intelligence fusion center to effectively  
2 integrate and unify the protection of nuclear command,  
3 control, and communications programs, systems, and  
4 processes and continuity of government programs, sys-  
5 tems, and processes.

6 (b) CHARTER.—In establishing the fusion center  
7 under subsection (a), the Secretary and the Director shall  
8 develop a charter for the fusion center that includes the  
9 following:

10 (1) To carry out the duties of the fusion center,  
11 a description of—

12 (A) the roles and responsibilities of offi-  
13 cials and elements of the Federal Government,  
14 including a detailed description of the organiza-  
15 tional relationships of such officials and the ele-  
16 ments of the Federal Government that are key  
17 stakeholders;

18 (B) the organization reporting chain of the  
19 fusion center;

20 (C) the staffing of the fusion center;

21 (D) the processes of the fusion center; and

22 (E) how the fusion center integrates with  
23 other elements of the Federal Government.

1           (2) The management and administration pro-  
2           cesses required to carry out the fusion center, includ-  
3           ing with respect to facilities and security authorities.

4           (3) Procedures to ensure that the appropriate  
5           number of staff of the fusion center have the secu-  
6           rity clearance necessary to access information on the  
7           programs, systems, and processes that relate, either  
8           wholly or substantially, to nuclear command, control,  
9           and communications or continuity of government, in-  
10          cluding with respect to both the programs, systems,  
11          and processes that are designated as special access  
12          programs (as described in section 4.3 of Executive  
13          Order 13526 (50 U.S.C. 3161 note) or any suc-  
14          cessor Executive order) and the programs, systems,  
15          and processes that contain sensitive compartmented  
16          information.

17          (c) COORDINATION.—In establishing the fusion cen-  
18          ter under subsection (a), the Secretary and the Director  
19          shall coordinate with the elements of the Federal Govern-  
20          ment that the Secretary and Director determine appro-  
21          priate.

22          (d) REPORTS.—

23                (1) INITIAL REPORT.—Not later than 120 days  
24                after the date of the enactment of this Act, the Sec-  
25                retary and the Director shall jointly submit to the

1 appropriate congressional committees a report con-  
2 taining—

3 (A) the charter for the fusion center devel-  
4 oped under subsection (b); and

5 (B) a plan on the budget and staffing of  
6 the fusion center.

7 (2) ANNUAL REPORTS.—At the same time as  
8 the President submits to Congress the annual budg-  
9 et request under section 1105 of title 31, United  
10 States Code, for fiscal year 2019 and each fiscal  
11 year thereafter, the Secretary and the Director shall  
12 submit to the appropriate congressional committees  
13 a report on the fusion center, including, with respect  
14 to the period covered by the report—

15 (A) any updates to the plan on the budget  
16 and staffing of the fusion center;

17 (B) any updates to the charter developed  
18 under subsection (b); and

19 (C) a summary of the activities and accom-  
20 plishments of the fusion center.

21 (3) SUNSET.—No report is required under this  
22 subsection after December 31, 2021.

23 (e) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
24 FINED.—In this section, the term “appropriate congres-  
25 sional committees” means—

1 (1) the congressional defense committees; and

2 (2) the Permanent Select Committee on Intel-  
3 ligence of the House of Representatives and the Se-  
4 lect Committee on Intelligence of the Senate.

5 **SEC. 1656. SECURITY OF NUCLEAR COMMAND, CONTROL,**  
6 **AND COMMUNICATIONS SYSTEM FROM COM-**  
7 **MERCIAL DEPENDENCIES.**

8 (a) CERTIFICATION.—Not later than 180 days after  
9 the date of the enactment of this Act, the Secretary of  
10 Defense shall certify to the congressional defense commit-  
11 tees whether the Secretary uses covered telecommuni-  
12 cations equipment or services as a substantial or essential  
13 component of any system, or as critical technology as part  
14 of any system, to carry out—

15 (1) the nuclear deterrence mission of the De-  
16 partment of Defense, including with respect to nu-  
17 clear command, control, and communications, inte-  
18 grated tactical warning and attack assessment, and  
19 continuity of government; or

20 (2) the homeland defense mission of the De-  
21 partment, including with respect to ballistic missile  
22 defense.

23 (b) PROHIBITION AND MITIGATION.—

24 (1) PROHIBITION.—Except as provided by  
25 paragraph (2), beginning on the date that is one

1 year after the date of the enactment of this Act, the  
2 Secretary of Defense may not procure or obtain, or  
3 extend or renew a contract to procure or obtain, any  
4 equipment, system, or service to carry out the mis-  
5 sions described in paragraphs (1) and (2) of sub-  
6 section (a) that uses covered telecommunications  
7 equipment or services as a substantial or essential  
8 component of any system, or as critical technology  
9 as part of any system.

10 (2) WAIVER.—The Secretary may waive the  
11 prohibition in paragraph (1) on a case-by-case basis  
12 for a single one-year period if the Secretary—

13 (A) determines such waiver to be in the  
14 national security interests of the United States;  
15 and

16 (B) certifies to the congressional commit-  
17 tees that—

18 (i) there are sufficient mitigations in  
19 place to guarantee the ability of the Sec-  
20 retary to carry out the missions described  
21 in paragraphs (1) and (2) of subsection  
22 (a); and

23 (ii) the Secretary is removing the use  
24 of covered telecommunications equipment  
25 or services in carrying out such missions.



1           (3) DELEGATION.—The Secretary may not del-  
2       egate the authority to make a waiver under para-  
3       graph (2) to any official other than the Deputy Sec-  
4       retary of Defense or the co-chairs of the Council on  
5       Oversight of the National Leadership Command,  
6       Control, and Communications System established by  
7       section 171a of title 10, United States Code.

8       (c) DEFINITIONS.—In this section:

9           (1) The term “congressional defense commit-  
10       tees” has the meaning given that term in section  
11       101(a)(16) of title 10, United States Code.

12          (2) The term “covered foreign country” means  
13       any of the following:

14               (A) The People’s Republic of China.

15               (B) The Russian Federation.

16          (3) The term “covered telecommunications  
17       equipment or services” means any of the following:

18               (A) Telecommunications equipment pro-  
19       duced by Huawei Technologies Company or  
20       ZTE Corporation (or any subsidiary or affiliate  
21       of such entities).

22               (B) Telecommunications services provided  
23       by such entities or using such equipment.

24               (C) Telecommunications equipment or  
25       services produced or provided by an entity that

1 the Secretary of Defense reasonably believes to  
2 be an entity owned or controlled by, or other-  
3 wise connected to, the government of a covered  
4 foreign country.

5 **SEC. 1657. OVERSIGHT OF AERIAL-LAYER PROGRAMS BY**  
6 **COUNCIL ON OVERSIGHT OF THE NATIONAL**  
7 **LEADERSHIP COMMAND, CONTROL, AND**  
8 **COMMUNICATIONS SYSTEM.**

9 Any analysis of alternatives for the Senior Leader  
10 Airborne Operations Center, the executive airlift program  
11 of the Air Force, and the E-6B modernization program  
12 may not receive final approval by the Joint Requirements  
13 Oversight Council, and the Director of Cost Assessment  
14 and Program Evaluation may not conduct any sufficiency  
15 review of such an analysis of alternatives, unless—

16 (1) the Council on Oversight of the National  
17 Leadership Command, Control, and Communications  
18 System established by section 171a of title 10,  
19 United States Code, determines that the alternatives  
20 for such programs are capable of meeting the re-  
21 quirements for senior leadership communications in  
22 support of the nuclear command, control, and com-  
23 munications mission of the Department of Defense  
24 and the continuity of government mission of the De-  
25 partment;

1           (2) the Council submits to the congressional de-  
2       fense committees such determination; and

3           (3) a period of 30 days elapses following the  
4       date of such submission.

5 **SEC. 1658. SECURITY CLASSIFICATION GUIDE FOR PRO-**  
6                   **GRAMS RELATING TO NUCLEAR COMMAND,**  
7                   **CONTROL, AND COMMUNICATIONS AND NU-**  
8                   **CLEAR DETERRENCE.**

9           (a) **REQUIREMENT FOR SECURITY CLASSIFICATION**  
10 **GUIDE.**—Not later than 90 days after the date of the en-  
11 actment of this Act, the Secretary of Defense shall require  
12 the issuance of a security classification guide for each cov-  
13 ered program to ensure the protection of sensitive infor-  
14 mation from public disclosure.

15           (b) **REQUIREMENTS.**—Each security classification  
16 guide issued pursuant to subsection (a) shall be—

17                   (1) approved by—

18                           (A) the Council on Oversight of the Na-  
19                           tional Leadership Command, Control, and Com-  
20                           munications System with respect to covered  
21                           programs under paragraph (1) or (2) of sub-  
22                           section (c); or

23                           (B) the Nuclear Weapons Council with re-  
24                           spect to covered programs under paragraph (3)  
25                           of such subsection; and

1           (2) issued not later than March 19, 2019, with  
2       respect to a covered program in existence as of such  
3       date.

4       (c) ANNUAL NOTIFICATIONS.—On an annual basis  
5       during the three-year period beginning on the date of the  
6       enactment of this Act, the Deputy Secretary of Defense,  
7       without delegation, shall notify the congressional defense  
8       committees of the status of implementing subsection (a),  
9       including a description of any challenges to such imple-  
10      mentation.

11      (d) EXCLUSION.—This section shall not apply with  
12      respect to restricted data covered by chapter 12 of the  
13      Atomic Energy Act of 1954 (42 U.S.C. 2161 et seq.).

14      (e) COVERED PROGRAM DEFINED.—In this section,  
15      the term “covered program” means programs of the De-  
16      partment of Defense in existence on or after the date of  
17      the enactment of this Act relating to any of the following:

18           (1) Continuity of government.

19           (2) Nuclear command, control, and communica-  
20      tions.

21           (3) Nuclear deterrence.

1 **SEC. 1659. EVALUATION AND ENHANCED SECURITY OF SUP-**  
2 **PLY CHAIN FOR NUCLEAR COMMAND, CON-**  
3 **TROL, AND COMMUNICATIONS AND CON-**  
4 **TINUITY OF GOVERNMENT PROGRAMS.**

5 (a) EVALUATIONS OF SUPPLY CHAIN  
6 VULNERABILITIES.—

7 (1) IN GENERAL.—Not later than December 31,  
8 2019, and in accordance with the plan under para-  
9 graph (2)(A), the Secretary of Defense shall conduct  
10 evaluations of the supply chain vulnerabilities of  
11 each covered program.

12 (2) PLAN.—

13 (A) DEVELOPMENT.—The Secretary shall  
14 develop a plan to carry out the evaluations  
15 under paragraph (1), including with respect to  
16 the personnel and resources required to carry  
17 out such evaluations.

18 (B) SUBMISSION.—Not later than 180  
19 days after the date of the enactment of this  
20 Act, the Secretary shall submit to the congres-  
21 sional defense committees the plan under sub-  
22 paragraph (A).

23 (3) WAIVER.—The Secretary may waive, on a  
24 case-by-case basis with respect to a weapons system,  
25 a program, or a system of systems, of a covered pro-  
26 gram, either the requirement to conduct an evalua-

1       tion under paragraph (1) or the deadline specified in  
2       such paragraph if the Secretary certifies to the con-  
3       gressional defense committees before such date that  
4       all known supply chain vulnerabilities of such weap-  
5       ons system, program, or system of systems have  
6       minimal consequences for the capability of such  
7       weapons system, program, or system of systems to  
8       meet operational requirements or otherwise satisfy  
9       mission requirements.

10           (4) RISK MITIGATION STRATEGIES.—In car-  
11       rying out an evaluation under paragraph (1) with re-  
12       spect to a covered program specified in subpara-  
13       graph (B) or (C) of subsection (c)(2), the Secretary  
14       shall develop strategies for mitigating the risks of  
15       supply chain vulnerabilities identified in the course  
16       of such evaluation.

17           (b) PRIORITIZATION OF CERTAIN SUPPLY CHAIN  
18       RISK MANAGEMENT EFFORTS.—

19           (1) INSTRUCTIONS.—Not later than 180 days  
20       after the date of the enactment of this Act, the Sec-  
21       retary shall issue a Department of Defense Instruc-  
22       tion, or update such an Instruction, establishing the  
23       prioritization of supply chain risk management pro-  
24       grams, including supply chain risk management  
25       threat assessment reporting, to ensure that acquisi-

1       tion and sustainment programs relating to covered  
2       programs receive the highest priority of such supply  
3       chain risk management programs and reporting.

4           (2) REQUIREMENTS.—

5           (A) ESTABLISHMENT.—The Secretary  
6       shall establish requirements to carry out supply  
7       chain risk management threat assessment col-  
8       lections and analyses under acquisition and  
9       sustainment programs relating to covered pro-  
10      grams.

11          (B) SUBMISSION.—Not later than 120  
12      days after the date of the enactment of this  
13      Act, the Secretary shall submit to the appro-  
14      priate congressional committees the require-  
15      ments established under subparagraph (A).

16      (c) DEFINITIONS.—In this section:

17          (1) The term “appropriate congressional com-  
18      mittees” means—

19           (A) the congressional defense committees;  
20           and

21           (B) the Permanent Select Committee on  
22      Intelligence of the House of Representatives  
23      and the Select Committee on Intelligence of the  
24      Senate.

1           (2) The term “covered programs” means pro-  
2           grams relating to any of the following:

3                   (A) Nuclear weapons.

4                   (B) Nuclear command, control, and com-  
5                   munications.

6                   (C) Continuity of government.

7                   (D) Ballistic missile defense.

8   **SEC. 1660. PROCUREMENT AUTHORITY FOR CERTAIN**  
9                   **PARTS OF INTERCONTINENTAL BALLISTIC**  
10                  **MISSILE FUZES.**

11           (a) AVAILABILITY OF FUNDS.—Notwithstanding sec-  
12           tion 1502(a) of title 31, United States Code, of the  
13           amount authorized to be appropriated for fiscal year 2018  
14           by section 101 and available for Missile Procurement, Air  
15           Force, as specified in the funding table in division D,  
16           \$6,334,000 shall be available for the procurement of cov-  
17           ered parts pursuant to contracts entered into under sec-  
18           tion 1645(a) of the Carl Levin and Howard P. “Buck”  
19           McKeon National Defense Authorization Act for Fiscal  
20           Year 2015 (Public Law 113–291; 128 Stat. 3651).

21           (b) COVERED PARTS DEFINED.—In this section, the  
22           term “covered parts” means commercially available off-  
23           the-shelf items as defined in section 104 of title 41, United  
24           States Code.



1 **SEC. 1661. PRESIDENTIAL NATIONAL VOICE CONFER-**  
2 **ENCING SYSTEM AND PHOENIX AIR-TO-**  
3 **GROUND COMMUNICATIONS NETWORK.**

4 (a) CONSOLIDATION OF ELEMENTS.—

5 (1) PNVCS.—Not later than one year after the  
6 date of the enactment of this Act, all program ele-  
7 ments and funding for the Presidential National  
8 Voice Conferencing System shall be transferred to  
9 the Program Executive Office with responsibility for  
10 the Family of Advanced Beyond Line-of-Sight Ter-  
11 minals program. The Program Executive Office shall  
12 be responsible for approving all such program ele-  
13 ments, requests for funding, and contract actions  
14 (including regarding contract line items) relating to  
15 the Presidential National Voice Conferencing Sys-  
16 tem.

17 (2) PAGCN.—Not later than one year after the  
18 date of the enactment of this Act, all program ele-  
19 ments and funding for the Phoenix Air-to-Ground  
20 Communications Network shall be transferred to the  
21 Program Executive Office with responsibility for the  
22 nuclear command, control, and communications sys-  
23 tems of the United States. The Program Executive  
24 Office shall be responsible for approving all such  
25 program elements, requests for funding, and con-  
26 tract actions (including regarding contract line

1 items) relating to the Phoenix Air-to-Ground Com-  
2 munications Network.

3 (b) **SELECTED ACQUISITION REPORTS.**—Com-  
4 mencing not later than one year after the date of the en-  
5 actment of this Act, the Presidential National Voice Con-  
6 ferencing System and the Phoenix Air-to-Ground Commu-  
7 nications Network shall each be deemed to be a program  
8 for which a Selected Acquisition Report is required pursu-  
9 ant to section 2432 of title 10, United States Code.

10 **SEC. 1662. LIMITATION ON PURSUIT OF CERTAIN COM-**  
11 **MAND AND CONTROL CONCEPT.**

12 (a) **LIMITATION ON COMMAND AND CONTROL CON-**  
13 **CEPT.**—The Secretary of the Air Force may not award  
14 a contract for engineering and manufacturing development  
15 for the ground-based strategic deterrent program that  
16 would result in a command and control concept for such  
17 program that consists of less than 15 fixed launch control  
18 centers per missile wing unless the Commander of the  
19 United States Strategic Command—

20 (1) determines that—

21 (A) the plans of the Secretary of the Air  
22 Force for a command and control concept con-  
23 sisting of less than 15 fixed launch control cen-  
24 ters per missile wing are appropriate, meet re-  
25 quirements, and do not contain excessive risk;

1 (B) the risks to schedules and costs from  
2 such concept are minimized and manageable;

3 (C) the strategy and plan of the Secretary  
4 of the Air Force for addressing cyber threats  
5 for such concept are robust; and

6 (D) with respect to such concept, the Sec-  
7 retary of the Air Force has established an ap-  
8 propriate process for considering and managing  
9 trade-offs among requirements relating to sur-  
10 vivability, long-term operations and sustainment  
11 costs, procurement costs, and military personnel  
12 needs; and

13 (2) submits, in writing, to the Secretary of De-  
14 fense and the congressional defense committees such  
15 determination.

16 (b) INABILITY TO MAKE DETERMINATION.—If the  
17 Secretary of the Air Force proposes to award a contract  
18 specified in subsection (a) and the Commander is unable  
19 to make the determination under such subsection, the  
20 Commander shall submit, in writing, to the Secretary of  
21 Defense and the congressional defense committees the rea-  
22 sons for not making such determination.

23 (c) NO EFFECT ON COMPETITION.—Nothing in sub-  
24 section (a) or (b) shall be construed to affect or prohibit  
25 the ability of the Secretary of the Air Force to use fair

1 and open competition procedures in soliciting, evaluating,  
2 and awarding contracts for the ground-based strategic de-  
3 terrent program.

4 **SEC. 1663. PROHIBITION ON AVAILABILITY OF FUNDS FOR**  
5 **MOBILE VARIANT OF GROUND-BASED STRA-**  
6 **TEGIC DETERRENT MISSILE.**

7 Section 1664 of the National Defense Authorization  
8 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
9 2615) is amended by striking “or 2018” and inserting  
10 “through 2019”.

11 **SEC. 1664. PROHIBITION ON REDUCTION OF THE INTER-**  
12 **CONTINENTAL BALLISTIC MISSILES OF THE**  
13 **UNITED STATES.**

14 (a) PROHIBITION.—Except as provided by subsection  
15 (b), none of the funds authorized to be appropriated by  
16 this Act or otherwise made available for fiscal year 2018  
17 for the Department of Defense shall be obligated or ex-  
18 pended for—

19 (1) reducing, or preparing to reduce, the re-  
20 sponsiveness or alert level of the intercontinental  
21 ballistic missiles of the United States; or

22 (2) reducing, or preparing to reduce, the quan-  
23 tity of deployed intercontinental ballistic missiles of  
24 the United States to a number less than 400.

1 (b) EXCEPTION.—The prohibition in subsection (a)  
2 shall not apply to any of the following activities:

3 (1) The maintenance or sustainment of inter-  
4 continental ballistic missiles.

5 (2) Ensuring the safety, security, or reliability  
6 of intercontinental ballistic missiles.

7 (3) Reduction in the number of deployed inter-  
8 continental ballistic missiles that are carried out in  
9 compliance with—

10 (A) the limitations of the New START  
11 Treaty (as defined in section 494(a)(2)(D) of  
12 title 10, United States Code); and

13 (B) section 1644 of the Carl Levin and  
14 Howard P. “Buck” McKeon National Defense  
15 Authorization Act for Fiscal Year 2015 (Public  
16 Law 113–291; 128 Stat. 3651; 10 U.S.C. 494  
17 note).

18 **SEC. 1665. MODIFICATION TO ANNUAL REPORT ON PLAN**  
19 **FOR THE NUCLEAR WEAPONS STOCKPILE,**  
20 **NUCLEAR WEAPONS COMPLEX, NUCLEAR**  
21 **WEAPONS DELIVERY SYSTEMS, AND NU-**  
22 **CLEAR WEAPONS COMMAND AND CONTROL**  
23 **SYSTEM.**

24 Subsection (a)(2)(F) of section 1043 of the National  
25 Defense Authorization Act for Fiscal Year 2012 (Public

1 Law 112–81; 125 Stat. 1576), as most recently amended  
2 by section 1643 of the Carl Levin and Howard P. “Buck”  
3 McKeon National Defense Authorization Act for Fiscal  
4 Year 2015 (Public Law 113–291; 128 Stat. 3650), is fur-  
5 ther amended by inserting after the period at the end the  
6 following: “The Secretary may include information and  
7 data for a period beyond such 10-year period if the Sec-  
8 retary determines that such information and data is accu-  
9 rate and useful in understanding the long-term nuclear  
10 modernization plan.”.

11 **SEC. 1666. ESTABLISHMENT OF PROCEDURES FOR IMPLE-**  
12 **MENTATION OF NUCLEAR ENTERPRISE RE-**  
13 **VIEW.**

14 (a) **IN GENERAL.**—Not later than one year after the  
15 date of the enactment of this Act, the Secretary of Defense  
16 shall issue a final Department of Defense Instruction es-  
17 tablishing procedures for the long-term implementation of  
18 the recommendations contained in the Independent Re-  
19 view of the Department of Defense Nuclear Enterprise,  
20 dated June 2, 2014, and the Internal Assessment of the  
21 Department of Defense Nuclear Enterprise, dated Sep-  
22 tember 2014.

23 (b) **SUBMISSION.**—The Secretary shall submit to the  
24 congressional defense committees the final instruction

1 under subsection (a) by not later than 30 days after  
2 issuing the instruction.

3 **SEC. 1667. REPORT ON IMPACTS OF NUCLEAR PROLIFERA-**  
4 **TION.**

5 (a) SENSE OF CONGRESS.—It is the sense of Con-  
6 gress that—

7 (1) nuclear proliferation continues to be a seri-  
8 ous threat to the security of the United States;

9 (2) it is critical for the United States to under-  
10 stand the impacts of nuclear proliferation and en-  
11 sure the necessary policies and resources are in place  
12 to prevent the proliferation of nuclear materials and  
13 weapons;

14 (3) effectively addressing the danger of states  
15 and non-state actors acquiring nuclear weapons or  
16 nuclear-weapons-usable material should be a clear  
17 priority for United States national security; and

18 (4) Secretary of Defense James Mattis testified  
19 before Congress on June 12, 2017, that “nuclear  
20 nonproliferation has not received enough attention  
21 over quite a few years”.

22 (b) REPORT.—Not later than 90 days after the date  
23 of the enactment of this Act, the Secretary of Defense  
24 shall submit to the congressional defense committees a re-  
25 port containing—

1 (1) a description of the impacts of nuclear pro-  
2 liferation on the security of the United States;

3 (2) a description of how the Department of De-  
4 fense is contributing to the current strategy to re-  
5 spond to the threat of nuclear proliferation, and  
6 what resources are being applied to this effort, in-  
7 cluding whether there are any funding gaps; and

8 (3) if and how nuclear proliferation is being ad-  
9 dressed in the Nuclear Posture Review and other  
10 pertinent strategy reviews.

11 **SEC. 1668. CERTIFICATION THAT THE NUCLEAR POSTURE**  
12 **REVIEW ADDRESSES DETERRENT EFFECT**  
13 **AND OPERATION OF UNITED STATES NU-**  
14 **CLEAR FORCES IN CURRENT AND FUTURE**  
15 **SECURITY ENVIRONMENTS.**

16 (a) CERTIFICATION REQUIRED.—Not later than 30  
17 days after completing the first Nuclear Posture Review  
18 after the date of the enactment of this Act, the Secretary  
19 of Defense shall submit to the congressional defense com-  
20 mittees a certification that the Nuclear Posture Review  
21 accounts for—

22 (1) with respect to the nuclear capabilities of  
23 the United States as of such date of enactment—

24 (A) the ability of such capabilities to deter  
25 adversaries of the United States that possess



1 nuclear weapons or may possess such weapons  
2 in the future;

3 (B) the ability of the United States to op-  
4 erate in a major regional conflict that involves  
5 nuclear weapons;

6 (C) the ability and preparedness of for-  
7 ward-deployed members of the Armed Forces to  
8 operate in a nuclear environment; and

9 (D) weapons, equipment, and training or  
10 conduct that would improve the abilities de-  
11 scribed in subparagraphs (A), (B), and (C);

12 (2) with respect to the nuclear capabilities of  
13 the United States projected over the 10-year period  
14 beginning on such date of enactment—

15 (A) the projected ability of such capabili-  
16 ties to deter adversaries of the United States  
17 that possess nuclear weapons or may possess  
18 such weapons in the future;

19 (B) the projected ability of the United  
20 States to operate in a major regional conflict  
21 that involves nuclear weapons;

22 (C) the projected ability and preparedness  
23 of forward-deployed members of the Armed  
24 Forces to operate in a nuclear environment; and

1 (D) weapons, equipment, and training or  
2 conduct that would improve the abilities de-  
3 scribed in subparagraphs (A), (B), and (C); and  
4 (3) any actions that could be taken by the Sec-  
5 retary of Defense or the Administrator for Nuclear  
6 Security in the near and medium terms to decrease  
7 the risk posed by possible additional changes to the  
8 security environment related to nuclear weapons in  
9 the future.

10 (b) FORM.—The certification under subsection (a)  
11 may be submitted in classified form.

12 **SEC. 1669. PLAN TO MANAGE INTEGRATED TACTICAL**  
13 **WARNING AND ATTACK ASSESSMENT SYSTEM**  
14 **AND MULTI-DOMAIN SENSORS.**

15 (a) PLAN REQUIRED.—Not later than one year after  
16 the date of the enactment of this Act, the Secretary of  
17 the Air Force shall develop a plan to manage the Air Force  
18 missile warning elements of the Integrated Tactical Warn-  
19 ing and Attack Assessment System as a weapon system  
20 consistent with Air Force Policy Directive 10–9, entitled  
21 “Lead Command Designation and Responsibilities for  
22 Weapon Systems” and dated March 8, 2007.

23 (b) MULTI-DOMAIN SENSOR MANAGEMENT AND EX-  
24 PLOITATION.—

1           (1) IN GENERAL.—The plan required by sub-  
2           section (a) shall include a long-term plan to manage  
3           all available sensors for multi-domain exploitation  
4           against modern and emergent threats in order to  
5           provide comprehensive support for integrated tac-  
6           tical warning and attack assessment, missile defense,  
7           and space situational awareness.

8           (2) COORDINATION WITH OTHER AGENCIES.—  
9           In developing the plan required by paragraph (1),  
10          the Secretary shall—

11           (A) coordinate with the Secretary of the  
12           Army, the Secretary of the Navy, the Director  
13           of the Missile Defense Agency, and the Director  
14           of the National Reconnaissance Office; and

15           (B) solicit comments on the plan, if any,  
16           from the Commander of the United States  
17           Strategic Command and the Commander of the  
18           United States Northern Command.

19          (c) SUBMISSION TO CONGRESS.—Not later than 14  
20          months after the date of the enactment of this Act, the  
21          Secretary shall submit to the congressional defense com-  
22          mittees—

23           (1) the plan required by subsection (a); and

24           (2) the comments from the Commander of the  
25          United States Strategic Command and the Com-

1        mander of the United States Northern Command, if  
2        any, on the plan required by subsection (b)(1).

3        **SEC. 1670. CERTIFICATION REQUIREMENT WITH RESPECT**  
4                                    **TO STRATEGIC RADIATION HARDENED**  
5                                    **TRUSTED MICROELECTRONICS.**

6        Not later than December 31, 2020, the Secretary of  
7        Defense shall submit to the congressional defense commit-  
8        tees a certification that an assured capability to produce  
9        or acquire strategic radiation hardened trusted microelec-  
10       tronics, consistent with Department of Defense Instruc-  
11       tion 5200.44, is operational and available to supply nec-  
12       essary microelectronic components for necessary radiation  
13       environments involved with the acquisition of delivery sys-  
14       tems for nuclear weapons.

15       **SEC. 1671. NUCLEAR POSTURE REVIEW.**

16       (a) SENSE OF CONGRESS.—It is the sense of Con-  
17       gress that the Nuclear Posture Review should—

18                (1) take into account the obligations of the  
19       United States under treaties ratified by and with the  
20       advice and consent of the Senate;

21                (2) examine the tools required to sustain the  
22       stockpile stewardship program under section 4201 of  
23       the Atomic Energy Defense Act (50 U.S.C. 2521) in  
24       the future to ensure the safety, security, and effec-

1 tiveness of the nuclear arsenal of the United States;  
2 and

3 (3) consider input and views from all relevant  
4 stakeholders in the United States Government, in-  
5 cluding the Secretary of Energy, the Secretary of  
6 State, and the Administrator for Nuclear Security,  
7 on issues pertaining to nuclear deterrence, nuclear  
8 nonproliferation, and nuclear arms control.

9 (b) AVAILABILITY.—The Secretary of Defense shall  
10 ensure that—

11 (1) the Nuclear Posture Review is submitted, in  
12 its entirety, to the President and the congressional  
13 defense committees; and

14 (2) an unclassified version of the Nuclear Pos-  
15 ture Review is made available to the public.

16 **SEC. 1672. SENSE OF CONGRESS ON IMPORTANCE OF INDE-**  
17 **PENDENT NUCLEAR DETERRENT OF UNITED**  
18 **KINGDOM.**

19 It is the sense of Congress that—

20 (1) nuclear deterrence is foundational to the de-  
21 fense and security of the United States and the se-  
22 curity of the United States is enhanced by a nuclear-  
23 armed ally with common values and security prior-  
24 ities;

1           (2) the United States sees the nuclear deterrent  
2 of the United Kingdom as central to transatlantic  
3 security and welcomes the commitment of the  
4 United Kingdom to the North Atlantic Treaty Orga-  
5 nization (NATO) to continue to spend two percent  
6 of gross domestic product on defense;

7           (3) in the face of increasing threats, the pres-  
8 ence of credible nuclear deterrent forces of the  
9 United Kingdom is essential to international sta-  
10 bility and for NATO;

11           (4) the commitment of the United Kingdom to  
12 sustaining an independent nuclear deterrent, de-  
13 ployed continuously at sea, provides a vital second  
14 decision-making point within the deterrent capability  
15 of NATO, creating essential uncertainty in the mind  
16 of any potential adversary;

17           (5) the United States Navy must continue to  
18 execute the Columbia-class submarine program on  
19 time and within budget to ensure that the sea-based  
20 leg of the nuclear triad of the United States is sus-  
21 tained and the program delivers a Common Missile  
22 Compartment, the Trident II (D5) Strategic Weap-  
23 on System, and associated equipment and produc-  
24 tion capabilities, to support the successful develop-

1       ment and deployment of the Dreadnought sub-  
2       marines of the United Kingdom;

3           (6) the support that the United Kingdom pro-  
4       vides to deployments of strategic ships and aircraft  
5       of the United States at specialized facilities enables  
6       a vital part of the deterrence posture of the United  
7       States as well as mutual deterrence of adversaries  
8       and assurance to the allies and partners of the  
9       United States; and

10          (7) the collaboration of the United Kingdom  
11       with the United States on the military use of atomic  
12       energy ensures a peer in the technology and science  
13       of nuclear weapons and provides independent expert  
14       peer review of the nuclear programs of the United  
15       States, ensuring resilience and cost effectiveness to  
16       the nuclear defense programs of both nations.

17           **Subtitle E—Missile Defense**  
18           **Programs**

19       **SEC. 1676. ADMINISTRATION OF MISSILE DEFENSE AND DE-**  
20       **FEAT PROGRAMS.**

21       (a) MAJOR FORCE PROGRAM.—

22           (1) IN GENERAL.—Chapter 9 of title 10, United  
23       States Code, is amended by adding at the end the  
24       following new section:

1 **“§ 239a. Missile defense and defeat programs: major**  
2 **force program and budget assessment**

3 “(a) ESTABLISHMENT OF MAJOR FORCE PRO-  
4 GRAM.—The Secretary of Defense shall establish a unified  
5 major force program for missile defense and defeat pro-  
6 grams pursuant to section 222(b) of this title to prioritize  
7 missile defense and defeat programs in accordance with  
8 the requirements of the Department of Defense and na-  
9 tional security.

10 “(b) BUDGET ASSESSMENT.—(1) The Secretary shall  
11 include with the defense budget materials for each of fiscal  
12 years 2019 through 2023 a report on the budget for mis-  
13 sile defense and defeat programs of the Department of De-  
14 fense.

15 “(2) Each report on the budget for missile defense  
16 and defeat programs of the Department under paragraph  
17 (1) shall include the following:

18 “(A) An overview of the budget, including—

19 “(i) a comparison between that budget, the  
20 previous budget, the most recent and prior fu-  
21 ture-years defense program submitted to Con-  
22 gress under section 221 of this title (such com-  
23 parison shall exclude the responsibility for re-  
24 search and development of the continuing im-  
25 provement of such missile defense and defeat  
26 program), and the amounts appropriated for



1           such missile defense and defeat programs dur-  
2           ing the previous fiscal year; and

3           “(ii) the specific identification, as a budg-  
4           etary line item, for the funding under such pro-  
5           grams.

6           “(B) An assessment of the budget, including  
7           significant changes, priorities, challenges, and risks.

8           “(C) Any additional matters the Secretary de-  
9           termines appropriate.

10          “(3) Each report under paragraph (1) shall be sub-  
11         mitted in unclassified form, but may include a classified  
12         annex.

13          “(c) DEFINITIONS.—In this section:

14                 “(1) The term ‘budget’, with respect to a fiscal  
15                 year, means the budget for that fiscal year that is  
16                 submitted to Congress by the President under sec-  
17                 tion 1105(a) of title 31.

18                 “(2) The term ‘defense budget materials’, with  
19                 respect to a fiscal year, means the materials sub-  
20                 mitted to Congress by the Secretary of Defense in  
21                 support of the budget for that fiscal year.

22                 “(3) The term ‘missile defense and defeat pro-  
23                 grams’ means active and passive ballistic missile de-  
24                 fense programs, cruise missile defense programs for  
25                 the homeland, and missile defeat programs.”.

1           (2) CLERICAL AMENDMENT.—The table of sec-  
2           tions at the beginning of such chapter is amended  
3           by inserting after the item relating to section 239  
4           the following new item:

          “239a. Missile defense and defeat programs: major force program and budget  
          assessment.”.

5           (b) TRANSITION OF BALLISTIC MISSILE DEFENSE  
6 PROGRAMS TO MILITARY DEPARTMENTS.—

7           (1) REQUIREMENT.—Not later than the date on  
8           which the budget of the President for fiscal year  
9           2021 is submitted under section 1105 of title 31,  
10          United States Code, the Secretary of Defense shall  
11          transfer the acquisition authority and the total  
12          obligational authority for each missile defense pro-  
13          gram described in paragraph (2) from the Missile  
14          Defense Agency to a military department.

15          (2) MISSILE DEFENSE PROGRAM DESCRIBED.—  
16          A missile defense program described in this para-  
17          graph is a missile defense program of the Missile  
18          Defense Agency that, as of the date specified in  
19          paragraph (1), has received Milestone C approval (as  
20          defined in section 2366 of title 10, United States  
21          Code).

22          (3) REPORT.—

23                 (A) IN GENERAL.—Not later than one year  
24                 after the date of the enactment of this Act, the

1 Secretary of Defense shall submit to the con-  
2 gressional defense committees a report on the  
3 plans of the Department of Defense for the  
4 transition of missile defense programs from the  
5 Missile Defense Agency to the military depart-  
6 ments pursuant to paragraph (1).

7 (B) SCOPE.—The report under subpara-  
8 graph (A) shall cover the period covered by the  
9 future-years defense program that is submitted  
10 under section 221 of title 10, United States  
11 Code, in the year in which such report is sub-  
12 mitted.

13 (C) MATTERS INCLUDED.—The report  
14 under subparagraph (A) shall include the fol-  
15 lowing:

16 (i) An identification of—

17 (I) the missile defense programs  
18 planned to be transitioned from the  
19 Missile Defense Agency to the military  
20 departments; and

21 (II) the missile defense pro-  
22 grams, if any, not planned for transi-  
23 tion to the military departments.

24 (ii) The schedule for transition of  
25 each missile defense program planned to be

1 transitioned to a military department, and  
2 an explanation of such schedule.

3 (iii) A description of—

4 (I) the status of the plans of the  
5 Missile Defense Agency and the mili-  
6 tary departments for the transition of  
7 missile defense programs from that  
8 agency to the military departments;  
9 and

10 (II) the status of any agreement  
11 between the Missile Defense Agency  
12 and one or more of the military de-  
13 partments on the transition of any  
14 such program from that agency to the  
15 military departments, including any  
16 agreement on the operational test cri-  
17 teria that must be achieved before  
18 such transition.

19 (iv) An identification of the element of  
20 the Department of Defense (whether the  
21 Missile Defense Agency, a military depart-  
22 ment, or both) that will be responsible for  
23 funding each missile defense program to be  
24 transitioned to a military department, and  
25 at what date.

1 (v) A description of the type of funds  
2 that will be used (whether funds for re-  
3 search, development, test, and evaluation,  
4 procurement, military construction, or op-  
5 eration and maintenance) for each missile  
6 defense program to be transitioned to a  
7 military department.

8 (vi) An explanation of the number of  
9 systems planned for procurement for each  
10 missile defense program to be transitioned  
11 to a military department, and the schedule  
12 for procurement of each such system.

13 (vii) A description of how the Missile  
14 Defense Agency will continue the responsi-  
15 bility for the research and development of  
16 improvements to missile defense programs.

17 (c) ROLE OF MISSILE DEFENSE AGENCY.—

18 (1) IN GENERAL.—Chapter 8 of title 10, United  
19 States Code, is amended by adding at the end the  
20 following new section:

21 **“§ 205. Missile Defense Agency**

22 “(a) TERM OF DIRECTOR.—The Director of the Mis-  
23 sile Defense Agency shall be appointed for a six-year term.

1       “(b) REPORTING.—The Missile Defense Agency shall  
2 be under the authority, direction, and control of the Under  
3 Secretary of Defense for Research and Engineering.”.

4           (2) CLERICAL AMENDMENT.—The table of sec-  
5 tions at the beginning of subchapter II of such chap-  
6 ter is amended by adding at the end the following  
7 new item:

“205. Missile Defense Agency.”.

8           (3) APPLICATION.—

9           (A) TERMS.—Subsection (a) of section 205  
10 of title 10, United States Code, as added by  
11 paragraph (1), shall apply the day following the  
12 date on which the present incumbent in the of-  
13 fice of the Director of the Missile Defense  
14 Agency, as of the date of the enactment of this  
15 Act, ceases to serve as such.

16           (B) REPORTING.—Subsection (b) of such  
17 section 205 shall apply beginning on February  
18 1, 2018. In carrying out such subsection, the  
19 Missile Defense Agency shall be under the au-  
20 thority, direction, and control of the Under Sec-  
21 retary of Defense for Research and Engineering  
22 in the same manner as the Missile Defense  
23 Agency was under the authority, direction, and  
24 control of the Under Secretary of Defense for  
25 Acquisition, Technology, and Logistics pursuant

1 to Department of Defense Directive 5134.09.  
2 Any reference in such Instruction to the Under  
3 Secretary of Defense for Acquisition, Tech-  
4 nology, and Logistics shall be deemed to be a  
5 reference to the Under Secretary of Defense for  
6 Research and Engineering, including with re-  
7 spect to the Under Secretary serving as the  
8 chairman of the Missile Defense Executive  
9 Board.

10 **SEC. 1677. CONDITION FOR PROCEEDING BEYOND LOW-**  
11 **RATE INITIAL PRODUCTION.**

12 (a) INCLUSION OF BALLISTIC MISSILE DEFENSE  
13 SYSTEM.—Section 2399(a)(1) of title 10, United States  
14 Code, is amended—

15 (1) by striking “or a covered designated major  
16 subprogram” and inserting “, a covered designated  
17 major subprogram, or an element of the ballistic  
18 missile defense system”; and

19 (2) by striking “program or subprogram” and  
20 inserting “program, subprogram, or element”.

21 (b) RULE OF CONSTRUCTION.—Section 1662(e) of  
22 the Carl Levin and Howard P. “Buck” McKeon National  
23 Defense Authorization Act for Fiscal Year 2015 (Public  
24 Law 113–291; 10 U.S.C. 2431 note) is amended by insert-  
25 ing before the period at the end the following: “, or to

1 diminish the authority of the Secretary of Defense to de-  
2 ploy a missile defense system at the date on which the  
3 Secretary determines appropriate”.

4 **SEC. 1678. PRESERVATION OF THE BALLISTIC MISSILE DE-**  
5 **FENSE CAPACITY OF THE ARMY.**

6 (a) LIMITATION.—None of the funds authorized to  
7 be appropriated by this Act or otherwise made available  
8 for fiscal year 2018 or any fiscal year thereafter for the  
9 Army may be obligated or expended to demilitarize any  
10 GEM–T interceptor or remove any such interceptor from  
11 the operational inventory of the Army until the date on  
12 which the Secretary of the Army submits to the congres-  
13 sional defense committees the plan under subsection (b).

14 (b) PLAN.—Not later than 120 days after the date  
15 of the enactment of this Act, the Secretary and the Chief  
16 of Staff of the Army shall jointly submit to the congres-  
17 sional defense committees a plan to maintain an inventory  
18 of interceptors necessary to retain the capability provided  
19 by GEM–T interceptors, including the costs, milestones,  
20 and timelines to carry out such plan.

21 (c) EXCEPTION.—The limitation in subsection (a)  
22 shall not apply to activities that the Secretary determines  
23 are critical to the safety of GEM–T interceptors.



1 (d) GEM-T INTERCEPTOR DEFINED.—In this sec-  
2 tion, the term “GEM-T interceptor” means the Patriot  
3 guidance enhanced missile TBM.

4 **SEC. 1679. MODERNIZATION OF ARMY LOWER TIER AIR AND**  
5 **MISSILE DEFENSE SENSOR.**

6 (a) APPROVAL OF ACQUISITION STRATEGY.—

7 (1) IN GENERAL.—Not later than September  
8 15, 2018, the Secretary of the Army shall issue an  
9 acquisition strategy for a 360-degree lower tier air  
10 and missile defense sensor that achieves initial oper-  
11 ating capability by not later than December 31,  
12 2023.

13 (2) REQUIREMENTS.—The acquisition strategy  
14 under paragraph (1) shall—

15 (A) ensure the use of competitive proce-  
16 dures;

17 (B) clearly describe the open-architecture  
18 design to be used;

19 (C) provide a comprehensive fielding plan  
20 that provides 360-degree lower tier air and mis-  
21 sile defense sensor capability to all units of the  
22 Army;

23 (D) define the operation and sustainment  
24 cost savings of the acquisition strategy and  
25 other acquisition options of the Army;

1 (E) identify any programmatic cost avoid-  
2 ance that could be achieved through co-produc-  
3 tion, co-development, or foreign military sales;

4 (F) ensure the fielding of an interim gap-  
5 filler capability to the highest priority forces  
6 (consisting of not less than three battalions) for  
7 imminent threats; and

8 (G) identify the estimated cost to field  
9 both the 360-degree lower tier air and missile  
10 defense sensor capability and the interim capa-  
11 bility pursuant to subparagraph (E).

12 (3) LIMITATION.—If the Secretary of the Army  
13 does not issue the acquisition strategy under sub-  
14 section (a) by September 15, 2018, none of the  
15 funds authorized to be appropriated by this Act or  
16 otherwise made available for fiscal year 2018 for the  
17 lower tier air and missile defense sensor of the Army  
18 that are unobligated as of such date may be obli-  
19 gated or expended.

20 (b) CONDITIONAL TRANSFER.—

21 (1) MDA.—If the Secretary of the Army does  
22 not issue the acquisition strategy under subsection  
23 (a) by September 15, 2018, the Secretary of Defense  
24 shall transfer from the Secretary of the Army to the  
25 Director of the Missile Defense Agency—

1 (A) the responsibility to issue the acquisi-  
2 tion strategy described in subsection (a) by not  
3 later than August 15, 2019; and

4 (B) the responsibility to implement such  
5 acquisition strategy to procure a 360-degree  
6 lower tier air and missile defense sensor.

7 (2) ARMY.—If the Secretary of Defense carries  
8 out the transfer under paragraph (1), after the 360-  
9 degree lower tier air and missile defense sensor  
10 achieves Milestone B approval (or equivalent), but  
11 before such sensor achieves Milestone C approval (or  
12 equivalent), the Secretary of Defense shall transfer  
13 from the Director of the Missile Defense Agency to  
14 the Secretary of the Army the responsibility to pro-  
15 cure such sensor.

16 (c) DEFINITIONS.—The terms “Milestone B ap-  
17 proval” and “Milestone C approval” have the meanings  
18 given those terms in section 2366 of title 10, United  
19 States Code.

20 **SEC. 1680. DEFENSE OF HAWAII FROM NORTH KOREAN**  
21 **BALLISTIC MISSILE ATTACK.**

22 (a) SENSE OF CONGRESS.—It is the sense of Con-  
23 gress that—

24 (1) expanding persistent midcourse and ter-  
25 minal ballistic missile defense system discrimination

1 capability is critically important to the defense of  
2 the United States; and

3 (2) the Department of Defense should take all  
4 appropriate steps to ensure Hawaii has missile de-  
5 fense coverage against the evolving ballistic missile  
6 threat, including from North Korea.

7 (b) SEQUENCED APPROACH.—The Secretary of De-  
8 fense shall—

9 (1) protect the test and training operations of  
10 the Pacific Missile Range Facility; and

11 (2) assess the siting and functionality of a dis-  
12 crimination radar for homeland defense throughout  
13 the Hawaiian Islands before assessing the feasibility  
14 of improving the missile defense of Hawaii by using  
15 existing missile defense assets that could materially  
16 improve the defense of Hawaii.

17 (c) TEST.—The Director of the Missile Defense  
18 Agency shall—

19 (1) not later than December 31, 2020, conduct  
20 a test to evaluate and demonstrate, if technologically  
21 feasible, the capability to defeat a simple interconti-  
22 nental ballistic missile threat using the standard  
23 missile 3 block IIA missile interceptor; and

24 (2) as part of the integrated master test plan  
25 for the ballistic missile defense system, develop a

1 plan to demonstrate a capability to defeat a complex  
2 intercontinental ballistic missile threat, including a  
3 complex threat posed by the intercontinental ballistic  
4 missiles of North Korea.

5 (d) REPORT.—Not later than 120 days after the date  
6 of the enactment of this Act, the Secretary of Defense  
7 shall submit to the congressional defense committees a re-  
8 port—

9 (1) that indicates whether demonstrating an  
10 intercontinental ballistic missile defense capability  
11 against North Korean ballistic missiles by the stand-  
12 ard missile 3 block IIA missile interceptor poses any  
13 risks to strategic stability; and

14 (2) if the Secretary determines under para-  
15 graph (1) that such demonstration poses such risks  
16 to strategic stability, a description of the plan devel-  
17 oped and implemented by the Secretary to address  
18 and mitigate such risks, as determined appropriate  
19 by the Secretary.

20 **SEC. 1681. DESIGNATION OF LOCATION OF CONTINENTAL**  
21 **UNITED STATES INTERCEPTOR SITE.**

22 If consistent with the direction or recommendations  
23 of the Ballistic Missile Defense Review that commenced  
24 in 2017, not later than 60 days after the date on which

1 the Ballistic Missile Defense Review is published, the Sec-  
2 retary of Defense shall—

3 (1) designate the preferred location of a poten-  
4 tial additional continental United States interceptor  
5 site;

6 (2) in making such designation, consider—

7 (A) strategic and operational effectiveness,  
8 including with respect to the location that is the  
9 most advantageous site to the continental  
10 United States, including by having the capa-  
11 bility to provide shoot-assess-shoot coverage to  
12 the entire continental United States;

13 (B) existing infrastructure at the location;  
14 and

15 (C) costs to construct, equip, and operate;  
16 and

17 (3) submit to the congressional defense commit-  
18 tees a report on the designation made under para-  
19 graph (1) with respect to each factor specified in  
20 subparagraphs (A), (B), and (C) of such paragraph.

21 **SEC. 1682. AEGIS ASHORE ANTI-AIR WARFARE CAPABILITY.**

22 (a) **AUTHORIZATION.**—Subject to the availability of  
23 funds authorized to be appropriated by sections 101 and  
24 201 of this Act or otherwise made available for fiscal year  
25 2018 for procurement and research, development, test,

1 and evaluation, as specified in the funding tables in divi-  
2 sion D, the Secretary of Defense shall continue the devel-  
3 opment, procurement, and deployment of anti-air warfare  
4 capabilities at each Aegis Ashore site in Romania and Po-  
5 land. The Secretary shall ensure the deployment of such  
6 capabilities—

7 (1) at such sites in Romania by not later than  
8 one year after the date of the enactment of this Act;  
9 and

10 (2) at such sites in Poland by not later than  
11 one year after the declaration of operational status  
12 for such sites.

13 (b) REPROGRAMMING AND TRANSFERS.—Any re-  
14 programming or transfer made to carry out subsection (a)  
15 shall be carried out in accordance with established proce-  
16 dures for reprogramming or transfers.

17 **SEC. 1683. DEVELOPMENT OF PERSISTENT SPACE-BASED**  
18 **SENSOR ARCHITECTURE.**

19 (a) IN GENERAL.—If consistent with the direction or  
20 recommendations of the Ballistic Missile Defense Review  
21 that commenced in 2017, the Director of the Missile De-  
22 fense Agency shall develop, using sound acquisition prac-  
23 tices, a highly reliable and cost-effective persistent space-  
24 based sensor architecture capable of supporting the bal-  
25 listic missile defense system.

1 (b) TESTING AND DEPLOYMENT.—The Director shall  
2 ensure that the sensor architecture developed under sub-  
3 section (a) is rigorously tested before final production de-  
4 cisions or operational deployment.

5 (c) FUNCTIONS.—The sensor architecture developed  
6 under subsection (a) shall include one or more of the fol-  
7 lowing functions:

8 (1) Control of increased raid sizes.

9 (2) Precision tracking of threat missiles.

10 (3) Fire-control-quality tracks of evolving threat  
11 missiles.

12 (4) Enabling of launch-on-remote and engage-  
13 on-remote capabilities.

14 (5) Discrimination of warheads.

15 (6) Effective kill assessment.

16 (7) Enhanced shot doctrine.

17 (8) Integration with the command, control, bat-  
18 tle management, and communication program of the  
19 ballistic missile defense system.

20 (9) Integration with all other elements of the  
21 current ballistic missile defense system, including  
22 the Terminal High Altitude Area Defense, Aegis  
23 Ballistic Missile Defense, Aegis Ashore, and Patriot  
24 Air and Missile Defense systems.



1           (10) Such additional functions as determined by  
2           the Ballistic Missile Defense Review.

3           (d) COST ESTIMATES.—Whenever the Director devel-  
4           ops a cost estimate for the sensor architecture required  
5           by subsection (a), the Director shall use—

6           (1) the cost-estimating and assessment guide of  
7           the Comptroller General of the United States titled  
8           “GAO Cost Estimating and Assessment Guide”  
9           (GAO–09–3SP), or a successor guide; or

10          (2) the most current operating and support  
11          cost-estimating guide of the Office of Cost Assess-  
12          ment and Program Evaluation.

13          (e) PLAN.—Not later than one year after the date  
14          of the enactment of this Act, the Director shall submit  
15          to the appropriate congressional committees a plan that  
16          includes—

17          (1) how the Director will develop the sensor ar-  
18          chitecture under subsection (a), including with re-  
19          spect to the estimated costs (in accordance with sub-  
20          section (d)) to develop, acquire, and deploy, and the  
21          lifecycle costs to operate and sustain, the sensor ar-  
22          chitecture;

23          (2) an assessment of the maturity of critical  
24          technologies necessary to make operational such sen-  
25          sor architecture, and recommendations for any re-

1 search and development activities to rapidly mature  
2 such technologies;

3 (3) an assessment of what capabilities such sen-  
4 sor architecture can contribute that other sensor ar-  
5 chitectures do not contribute;

6 (4) how the Director will leverage the use of na-  
7 tional technical means, commercially available space  
8 and terrestrial capabilities, hosted payloads, small  
9 satellites, and other capabilities to carry out sub-  
10 section (a); and

11 (5) any other matters the Director determines  
12 appropriate.

13 (f) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
14 FINED.—In this section, the term “appropriate congres-  
15 sional committees” means—

16 (1) the congressional defense committees; and

17 (2) the Select Committee on Intelligence of the  
18 Senate and the Permanent Select Committee on In-  
19 telligence of the House of Representatives.

20 **SEC. 1684. IRON DOME SHORT-RANGE ROCKET DEFENSE**  
21 **SYSTEM AND ISRAELI COOPERATIVE MISSILE**  
22 **DEFENSE PROGRAM CO-DEVELOPMENT AND**  
23 **CO-PRODUCTION.**

24 (a) IRON DOME SHORT-RANGE ROCKET DEFENSE  
25 SYSTEM.—

1           (1) AVAILABILITY OF FUNDS.—Of the funds  
2           authorized to be appropriated by this Act or other-  
3           wise made available for fiscal year 2018 for procure-  
4           ment, Defense-wide, and available for the Missile  
5           Defense Agency, not more than \$92,000,000 may be  
6           provided to the Government of Israel to procure  
7           Tamir interceptors for the Iron Dome short-range  
8           rocket defense system through co-production of such  
9           interceptors in the United States by industry of the  
10          United States.

11          (2) CONDITIONS.—

12           (A) AGREEMENT.—Funds described in  
13           paragraph (1) for the Iron Dome short-range  
14           rocket defense program shall be available sub-  
15           ject to the terms and conditions in the Agree-  
16           ment Between the Department of Defense of  
17           the United States of America and the Ministry  
18           of Defense of the State of Israel Concerning  
19           Iron Dome Defense System Procurement,  
20           signed on March 5, 2014, as amended to in-  
21           clude co-production for Tamir interceptors. In  
22           negotiations by the Missile Defense Agency and  
23           the Missile Defense Organization of the Govern-  
24           ment of Israel regarding such production, the  
25           goal of the United States is to maximize oppor-

1           tunities for co-production of the Tamir inter-  
2           ceptors described in paragraph (1) in the  
3           United States by industry of the United States.

4           (B) CERTIFICATION.—Not later than 30  
5           days prior to the initial obligation of funds de-  
6           scribed in paragraph (1), the Director of the  
7           Missile Defense Agency and the Under Sec-  
8           retary of Defense for Acquisition and  
9           Sustainment shall jointly submit to the appro-  
10          prium congressional committees—

11                   (i) a certification that the amended bi-  
12                   lateral international agreement specified in  
13                   subparagraph (A) is being implemented as  
14                   provided in such agreement; and

15                   (ii) an assessment detailing any risks  
16                   relating to the implementation of such  
17                   agreement.

18          (b) ISRAELI COOPERATIVE MISSILE DEFENSE PRO-  
19          GRAM, DAVID'S SLING WEAPON SYSTEM CO-PRODUC-  
20          TION.—

21           (1) IN GENERAL.—Subject to paragraph (2), of  
22           the funds authorized to be appropriated for fiscal  
23           year 2018 for procurement, Defense-wide, and avail-  
24           able for the Missile Defense Agency not more than  
25           \$120,000,000 may be provided to the Government of

1 Israel to procure the David's Sling Weapon System,  
2 including for co-production of parts and components  
3 in the United States by United States industry.

4 (2) CERTIFICATION.—The Under Secretary of  
5 Defense for Acquisition and Sustainment shall sub-  
6 mit to the appropriate congressional committees a  
7 certification that—

8 (A) the Government of Israel has dem-  
9 onstrated the successful completion of the  
10 knowledge points, technical milestones, and pro-  
11 duction readiness reviews required by the re-  
12 search, development, and technology agreement  
13 and the bilateral co-production agreement for  
14 the David's Sling Weapon System;

15 (B) funds specified in paragraph (1) will  
16 be provided on the basis of a one-for-one cash  
17 match made by Israel or in another matching  
18 amount that otherwise meets best efforts (as  
19 mutually agreed to by the United States and  
20 Israel); and

21 (C) the level of co-production of parts,  
22 components, and all-up rounds (if appropriate)  
23 in the United States by United States industry  
24 for the David's Sling Weapon System is not less  
25 than 50 percent.

1 (c) ISRAELI COOPERATIVE MISSILE DEFENSE PRO-  
2 GRAM, ARROW 3 UPPER TIER INTERCEPTOR PROGRAM  
3 CO-PRODUCTION.—

4 (1) IN GENERAL.—Subject to paragraph (2), of  
5 the funds authorized to be appropriated for fiscal  
6 year 2018 for procurement, Defense-wide, and avail-  
7 able for the Missile Defense Agency not more than  
8 \$120,000,000 may be provided to the Government of  
9 Israel for the Arrow 3 Upper Tier Interceptor Pro-  
10 gram, including for co-production of parts and com-  
11 ponents in the United States by United States in-  
12 dustry.

13 (2) CERTIFICATION.—Except as provided by  
14 paragraph (3), the Under Secretary of Defense for  
15 Acquisition and Sustainment shall submit to the ap-  
16 propriate congressional committees a certification  
17 that—

18 (A) the Government of Israel has dem-  
19 onstrated the successful completion of the  
20 knowledge points, technical milestones, and pro-  
21 duction readiness reviews required by the re-  
22 search, development, and technology agree-  
23 ments for the Arrow 3 Upper Tier Development  
24 Program;

1 (B) funds specified in paragraph (1) will  
2 be provided on the basis of a one-for-one cash  
3 match made by Israel or in another matching  
4 amount that otherwise meets best efforts (as  
5 mutually agreed to by the United States and  
6 Israel);

7 (C) the United States has entered into a  
8 bilateral international agreement with Israel  
9 that establishes, with respect to the use of such  
10 funds—

11 (i) in accordance with subparagraph  
12 (D), the terms of co-production of parts  
13 and components on the basis of the great-  
14 est practicable co-production of parts, com-  
15 ponents, and all-up rounds (if appropriate)  
16 by United States industry and minimizes  
17 nonrecurring engineering and facilitization  
18 expenses to the costs needed for co-produc-  
19 tion;

20 (ii) complete transparency on the re-  
21 quirement of Israel for the number of  
22 interceptors and batteries that will be pro-  
23 cured, including with respect to the pro-  
24 curement plans, acquisition strategy, and  
25 funding profiles of Israel;

1 (iii) technical milestones for co-pro-  
2 duction of parts and components and pro-  
3 curement;

4 (iv) a joint affordability working  
5 group to consider cost reduction initiatives;  
6 and

7 (v) joint approval processes for third-  
8 party sales; and

9 (D) the level of co-production described in  
10 subparagraph (C)(i) for the Arrow 3 Upper  
11 Tier Interceptor Program is not less than 50  
12 percent.

13 (3) WAIVER.—The Under Secretary may waive  
14 the certification required by paragraph (2) if the  
15 Under Secretary certifies to the appropriate congres-  
16 sional committees that the Under Secretary has re-  
17 ceived sufficient data from the Government of Israel  
18 to demonstrate—

19 (A) the funds specified in paragraph (1)  
20 are provided to Israel solely for funding the  
21 procurement of long-lead components and crit-  
22 ical hardware in accordance with a production  
23 plan, including a funding profile detailing  
24 Israeli contributions for production, including



1 long-lead production, of the Arrow 3 Upper  
2 Tier Interceptor Program;

3 (B) such long-lead components have suc-  
4 cessfully completed knowledge points, technical  
5 milestones, and production readiness reviews;  
6 and

7 (C) the long-lead procurement will be con-  
8 ducted in a manner that maximizes co-produce-  
9 tion in the United States without incurring  
10 nonrecurring engineering activity or cost other  
11 than such activity or cost required for suppliers  
12 of the United States to start or restart produc-  
13 tion in the United States.

14 (d) NUMBER.—In carrying out paragraph (2) of sub-  
15 section (b) and paragraph (2) of subsection (c), the Under  
16 Secretary may submit—

17 (1) one certification covering both the David's  
18 Sling Weapon System and the Arrow 3 Upper Tier  
19 Interceptor Program; or

20 (2) separate certifications for each respective  
21 system.

22 (e) TIMING.—The Under Secretary shall submit to  
23 the congressional defense committees the certifications  
24 under paragraph (2) of subsection (b) and paragraph (2)  
25 of subsection (c) by not later than 60 days before the

1 funds specified in paragraph (1) of subsections (b) and  
2 (c) for the respective system covered by the certification  
3 are provided to the Government of Israel.

4 (f) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
5 FINED.—In this section, the term “appropriate congres-  
6 sional committees” means the following:

7 (1) The congressional defense committees.

8 (2) The Committee on Foreign Relations of the  
9 Senate and the Committee on Foreign Affairs of the  
10 House of Representatives.

11 **SEC. 1685. BOOST PHASE BALLISTIC MISSILE DEFENSE.**

12 (a) SENSE OF CONGRESS.—It is the sense of Con-  
13 gress that, if consistent with the direction or recommenda-  
14 tions of the Ballistic Missile Defense Review that com-  
15 menced in 2017—

16 (1) the Secretary of Defense should rapidly de-  
17 velop and demonstrate a boost phase intercept capa-  
18 bility for missile defense as soon as practicable;

19 (2) existing technologies should be adapted to  
20 demonstrate this capability;

21 (3) the concept of operation for this demonstra-  
22 tion should be developed in cooperation with the  
23 United States Pacific Command to address emerging  
24 threats and heightened tensions in the Asia-Pacific  
25 region; and

1           (4) the Secretary should prioritize funding allo-  
2           cations for the development of boost phase intercept  
3           capabilities and coordinate these efforts with the  
4           Missile Defense Agency as the Agency develops a  
5           space-based missile defense sensor layer.

6           (b) INITIAL OPERATIONAL DEPLOYMENT.—The Sec-  
7           retary of Defense shall ensure that an effective interim  
8           kinetic or directed energy boost phase ballistic missile de-  
9           fense capability is available for initial operational deploy-  
10          ment as soon as practicable.

11          (c) PLAN.—Together with the budget of the Presi-  
12          dent submitted to Congress under section 1105(a) of title  
13          31, United States Code, for fiscal year 2019, the Secretary  
14          of Defense shall submit to the congressional defense com-  
15          mittees a plan to achieve the requirement in subsection  
16          (b). Such plan shall include—

17               (1) the budget requirements;

18               (2) a robust test schedule; and

19               (3) a plan to develop an enduring boost phase  
20          ballistic missile defense capability, including cost and  
21          test schedule.

22          **SEC. 1686. GROUND-BASED INTERCEPTOR CAPABILITY, CA-**  
23                                   **PACITY, AND RELIABILITY.**

24          (a) INCREASE IN CAPACITY AND CONTINUED AD-  
25          VANCEMENT.—The Secretary of Defense may—

1           (1) subject to the amounts authorized to be ap-  
2           propriated for national missile defense, increase the  
3           number of the ground-based interceptors of the  
4           United States by up to 28, if consistent with the di-  
5           rection or recommendations of the Ballistic Missile  
6           Defense Review that commenced in 2017;

7           (2) develop a plan to further increase such  
8           number to the currently available missile field capac-  
9           ity of 104 and to plan for any future capacity at any  
10          site that may be identified by such Ballistic Missile  
11          Defense Review; and

12          (3) continue to rapidly advance missile defense  
13          technologies to improve the capability and reliability  
14          of the ground-based midcourse defense element of  
15          the ballistic missile defense system.

16          (b) DEPLOYMENT.—Not later than December 31,  
17          2021, the Secretary of Defense may—

18                 (1) execute any requisite construction to ensure  
19                 that Missile Field 1 or Missile Field 2 at Fort  
20                 Greely, Alaska, or alternative missile fields at Fort  
21                 Greely which may be identified pursuant to sub-  
22                 section (a), are capable of supporting and sustaining  
23                 additional ground-based interceptors; and

1           (2) deploy up to 20 additional ground-based  
2 interceptors to a missile field at Fort Greely as soon  
3 as technically feasible.

4           (c) REPORT.—

5           (1) IN GENERAL.—If consistent with the direc-  
6 tion or recommendations of the Ballistic Missile De-  
7 fense Review that commenced in 2017, the Director  
8 of the Missile Defense Agency shall submit to the  
9 congressional defense committees, not later than 90  
10 days after the date on which the Ballistic Missile  
11 Defense Review is published, a report on options to  
12 increase the capability, capacity, and reliability of  
13 the ground-based midcourse defense element of the  
14 ballistic missile defense system and the infrastruc-  
15 ture requirements for increasing the number of  
16 ground-based interceptors in currently feasible loca-  
17 tions across the United States.

18           (2) CONTENTS.—The report under paragraph  
19 (1) shall include the following:

20           (A) An identification of potential sites in  
21 the United States, whether existing or new on  
22 the East Coast or in the Midwest, for the de-  
23 ployment of 104 ground-based interceptors.

1 (B) A cost-benefit analysis of each such  
2 site, including with respect to tactical, oper-  
3 ational, and cost-to-construct considerations.

4 (C) A description of any completed and  
5 outstanding environmental assessments or im-  
6 pact statements for each such site.

7 (D) A description of the additional infra-  
8 structure and components needed to further  
9 outfit missile fields at Fort Greely before  
10 emplacing additional ground-based interceptors  
11 configured with the redesigned kill vehicle, in-  
12 cluding with respect to ground excavation, silos,  
13 utilities, and support equipment.

14 (E) A cost estimate of such infrastructure  
15 and components.

16 (F) An estimated schedule for completing  
17 such construction as may be required for such  
18 infrastructure and components.

19 (G) An identification of any environmental  
20 assessments or impact studies that would need  
21 to be conducted to expand such missile fields at  
22 Fort Greely beyond current capacity.

23 (H) A determination of the appropriate  
24 fleet mix of ground-based interceptor kill vehi-  
25 cles and boosters to maximize overall system ef-

1           fectiveness and increase its capacity and capa-  
2           bility, including the costs and benefits of contin-  
3           ued inclusion of capability enhancement II  
4           block 1 interceptors after the fielding of the re-  
5           designed kill vehicle.

6           (3) FORM.—The report submitted under para-  
7           graph (1) shall be submitted in unclassified form,  
8           but may include a classified annex.

9   **SEC. 1687. LIMITATION ON AVAILABILITY OF FUNDS FOR**  
10                   **GROUND-BASED MIDCOURSE DEFENSE ELE-**  
11                   **MENT OF THE BALLISTIC MISSILE DEFENSE**  
12                   **SYSTEM.**

13           Of the funds authorized to be appropriated by this  
14   Act or otherwise made available for fiscal year 2018 for  
15   the ground-based midcourse defense element of the bal-  
16   listic missile defense system, \$50,000,000 may not be obli-  
17   gated or expended until the date on which the Director  
18   of the Missile Defense Agency submits to the congress-  
19   sional defense committees a written certification that the  
20   risk of mission failure of ground-based midcourse inter-  
21   ceptor enhanced kill vehicles due to foreign object debris  
22   has been minimized.

1 **SEC. 1688. PLAN FOR DEVELOPMENT OF SPACE-BASED BAL-**  
2 **LISTIC MISSILE INTERCEPT LAYER.**

3 (a) DEVELOPMENT.—If consistent with the direction  
4 or recommendations of the Ballistic Missile Defense Re-  
5 view that commenced in 2017, the Director of the Missile  
6 Defense Agency shall develop a space-based ballistic mis-  
7 sile intercept layer to the ballistic missile defense system  
8 that is—

- 9 (1) regionally focused;
- 10 (2) capable of providing boost-phase defense;
- 11 and
- 12 (3) achieves an operational capability at the  
13 earliest practicable date.

14 (b) SPACE-BASED BALLISTIC MISSILE INTERCEPT  
15 LAYER PLAN.—If the Director carries out subsection (a),  
16 not later than one year after the date of the enactment  
17 of this Act, the Director shall submit to the appropriate  
18 congressional committees a plan to carry out subsection  
19 (a) during the 10-year period following the date of the  
20 plan. Such plan shall include the following:

- 21 (1) A concept definition phase consisting of  
22 multiple awarded contracts to identify feasible solu-  
23 tions consistent with architectural principles, per-  
24 formance goals, and price points established by the  
25 Director, such as contracts relating to—
- 26 (A) refined requirements;



- 1 (B) conceptual designs;
- 2 (C) technology readiness assessments;
- 3 (D) critical technical and operational
- 4 issues;
- 5 (E) cost, schedule, performance estimates;
- 6 and
- 7 (F) risk reduction plans.

8 (2) A technology risk reduction phase consisting  
9 of up to three competitively awarded contracts fo-  
10 cused on maturing, integrating, and characterizing  
11 key technologies, algorithms, components, and sub-  
12 systems, such as contracts relating to—

- 13 (A) refined concepts and designs;
- 14 (B) engineering trade studies;
- 15 (C) medium-to-high fidelity digital rep-
- 16 resentations of the space-based ballistic missile
- 17 intercept weapon system; and
- 18 (D) a proposed integration and test se-
- 19 quence that could potentially lead to a live-fire
- 20 boost phase intercept during fiscal year 2022, if
- 21 the technology has reached sufficient maturity
- 22 and is economically viable.

23 (3) During the technology risk reduction phase,  
24 contractors will define proposed demonstrations to a

1 preliminary design review level prior to a technology  
2 development phase down-select.

3 (4) A technology development phase consisting  
4 of two competitively awarded contracts to mature  
5 the preferred space-based ballistic missile intercept  
6 weapon system concepts and to potentially conduct  
7 a live-fire boost phase intercept fly-off during fiscal  
8 year 2022, if the technology has reached sufficient  
9 maturity and is economically viable, with brassboard  
10 hardware and prototype software on a path to the  
11 operational goal.

12 (5) A concurrent space-based ballistic missile  
13 intercept weapon system fire control test bed activity  
14 that incrementally incorporates modeling and sim-  
15 ulation elements, real-world data, hardware, algo-  
16 rithms, and systems to evaluate with increasing con-  
17 fidence the performance of evolving designs and con-  
18 cepts of such weapon system from target detection  
19 to intercept.

20 (6) Any other matters the Director determines  
21 appropriate.

22 (c) ESTABLISHMENT OF SPACE TEST BED.—In car-  
23 rying out subsection (a), the Director of the Missile De-  
24 fense Agency shall establish a space test bed to—

1           (1) conduct research and development regard-  
2           ing options for a space-based defensive layer, includ-  
3           ing with respect to space-based interceptors and di-  
4           rected energy platforms; and

5           (2) identify the most cost-efficient and prom-  
6           ising technological solutions to implementing such  
7           layer.

8           (d) **APPROPRIATE CONGRESSIONAL COMMITTEES**  
9 **DEFINED.**—In this section, the term “appropriate con-  
10 gressional committees” means—

11           (1) the congressional defense committees; and

12           (2) the Select Committee on Intelligence of the  
13           Senate and the Permanent Select Committee on In-  
14           telligence of the House of Representatives.

15 **SEC. 1689. SENSE OF CONGRESS ON THE STATE OF THE**  
16 **MISSILE DEFENSE OF THE UNITED STATES.**

17           It is the sense of Congress that—

18           (1) the Secretary of Defense should use the  
19           Ballistic Missile Defense Review that commenced in  
20           2017 to consider accelerating the development of  
21           technologies that will increase the capacity, capa-  
22           bility, and reliability of the ground-based midcourse  
23           defense element of the ballistic missile defense sys-  
24           tem;

1           (2) upon completion of the Ballistic Missile De-  
2       fense Review, the Director of the Missile Defense  
3       Agency should, to the extent practicable and with  
4       sound acquisition practices, accelerate the develop-  
5       ment, testing, and fielding of such capabilities as  
6       they are prioritized in the Ballistic Missile Defense  
7       Review, with respect to the redesigned kill vehicle,  
8       the multi-object kill vehicle, the C3 booster, a space-  
9       based sensor layer, boost phase sensor and kill tech-  
10      nologies, and additional ground-based interceptors;  
11      and

12           (3) in order to achieve these objectives, and to  
13      avoid post-production and post-deployment problems,  
14      it is essential for the Department of Defense and the  
15      Missile Defense Agency to follow a “fly before you  
16      buy” approach to adequately test and assess the ele-  
17      ments of the ballistic missile defense system before  
18      final production decisions or operational deployment.

19   **SEC. 1690. SENSE OF CONGRESS AND REPORT ON GROUND-**  
20                   **BASED MIDCOURSE DEFENSE TESTING.**

21           (a) SENSE OF CONGRESS.—It is the sense of Con-  
22      gress that—

23           (1) at a minimum, the Missile Defense Agency  
24      should continue to flight test the ground-based mid-  
25      course defense element at least once each fiscal year;

1           (2) the Department of Defense should allocate  
2           increased funding to homeland missile defense test-  
3           ing to ensure that the defenses of the United States  
4           continue to evolve faster than the threats against  
5           which they are postured to defend, while pursuing a  
6           sound acquisition practice;

7           (3) in order to rapidly innovate, develop, and  
8           field new technologies, the Director of the Missile  
9           Defense Agency should continue to focus testing  
10          campaigns on delivering increased capabilities to the  
11          Armed Forces as quickly as possible; and

12          (4) the Director should seek to establish a more  
13          prudent balance between risk mitigation and the  
14          more rapid testing pace needed to quickly develop  
15          and deliver new capabilities to the Armed Forces.

16          (b) REPORT.—

17               (1) IN GENERAL.—If consistent with the direc-  
18               tion or recommendations of the Ballistic Missile De-  
19               fense Review that commenced in 2017, not later  
20               than 90 days after the date on which the Review is  
21               published, the Director of the Missile Defense Agen-  
22               cy shall submit to the congressional defense commit-  
23               tees a revised missile defense testing campaign plan  
24               that accelerates the development and deployment of  
25               new missile defense technologies.

1           (2) CONTENTS.—The report under paragraph  
2 (1) shall include the following:

3           (A) A detailed analysis of the acceleration  
4 of each of following programs:

5                   (i) Redesigned kill vehicle.

6                   (ii) Multi-object kill vehicle.

7                   (iii) Configuration-3 Booster.

8                   (iv) Such additional technologies as  
9 the Director considers appropriate.

10           (B) A new deployment timeline for each of  
11 the programs listed in subparagraph (A) or a  
12 detailed description of why the current timeline  
13 for deployment technologies under those pro-  
14 grams is most suitable.

15           (C) An identification of any funding or pol-  
16 icy restrictions that would slow down the de-  
17 ployment of the technologies under the pro-  
18 grams listed in subparagraph (A).

19           (D) A risk assessment of the potential  
20 cost-overruns and deployment delays that may  
21 be encountered in the expedited development  
22 process of the capabilities under paragraph (1).

23           (e) REPORT ON FUNDING PROFILE.—The Director  
24 shall include with the budget justification materials sub-  
25 mitted to Congress in support of the budget of the Depart-

1 ment of Defense for fiscal year 2019 (as submitted with  
2 the budget of the President under section 1105(a) of title  
3 31, United States Code) a report on the funding profile  
4 necessary for the new testing campaign plan required by  
5 subsection (b)(1).

## 6 **Subtitle F—Other Matters**

### 7 **SEC. 1691. COMMISSION TO ASSESS THE THREAT TO THE** 8 **UNITED STATES FROM ELECTROMAGNETIC** 9 **PULSE ATTACKS AND SIMILAR EVENTS.**

10 (a) ESTABLISHMENT.—There is hereby established a  
11 commission to be known as the “Commission to Assess  
12 the Threat to the United States from Electromagnetic  
13 Pulse Attacks and Similar Events” (hereafter in this sec-  
14 tion referred to as the “Commission”). The purpose of the  
15 Commission is to assess and make recommendations with  
16 respect to the threat to the United States from electro-  
17 magnetic pulse attacks and similar events.

18 (b) COMPOSITION.—

19 (1) MEMBERSHIP.—The Commission shall be  
20 composed of 12 members appointed as follows:

21 (A) Three members appointed by the chair  
22 of the Committee on Armed Services of the  
23 House of Representatives.

24 (B) Three members appointed by the rank-  
25 ing minority member of the Committee on

1 Armed Services of the House of Representa-  
2 tives.

3 (C) Three members appointed by the chair  
4 of the Committee on Armed Services of the  
5 Senate.

6 (D) Three members appointed by the rank-  
7 ing minority member of the Committee on  
8 Armed Services of the Senate.

9 (2) CHAIR AND VICE CHAIR.—

10 (A) CHAIR.—The chair of the Committee  
11 on Armed Services of the House of Representa-  
12 tives and the chair of the Committee on Armed  
13 Services of the Senate shall jointly designate  
14 one member of the Commission to serve as  
15 chair of the Commission.

16 (B) VICE CHAIR.—The ranking minority  
17 member of the Committee on Armed Services of  
18 the House of Representatives and the ranking  
19 minority member of the Committee on Armed  
20 Services of the Senate shall jointly designate  
21 one member of the Commission to serve as vice  
22 chair of the Commission.

23 (3) SECURITY CLEARANCE REQUIRED.—Each  
24 individual appointed as a member of the Commission  
25 shall possess (or have recently possessed before the



1 date of such appointment) the appropriate security  
2 clearance necessary to carry out the duties of the  
3 Commission.

4 (4) QUALIFICATION.—Members of the Commis-  
5 sion shall be appointed from among private United  
6 States citizens with knowledge and expertise in the  
7 scientific, technical, and defense aspects of electro-  
8 magnetic pulse threats, geomagnetic disturbances,  
9 and related vulnerabilities.

10 (5) PERIOD OF APPOINTMENT; VACANCIES.—  
11 Members shall be appointed for the life of the Com-  
12 mission. Any vacancy in the Commission shall be  
13 filled in the same manner as the original appoint-  
14 ment.

15 (c) DUTIES.—

16 (1) REVIEW AND ASSESSMENT.—The Commis-  
17 sion shall review and assess—

18 (A) the nature, magnitude, and likelihood  
19 of potential electromagnetic pulse (hereafter in  
20 section referred to as “EMP”) attacks and  
21 similar events, including geomagnetic disturb-  
22 ances, both manmade and natural, that could  
23 be directed at or affect the United States within  
24 the next 20 years;

1 (B) the vulnerability of United States mili-  
2 tary and civilian systems to EMP attacks and  
3 similar events, including with respect to emer-  
4 gency preparedness and immediate response;

5 (C) the capability of the United States to  
6 repair and recover from damage inflicted on  
7 United States military and civilian systems by  
8 EMP attacks and similar events; and

9 (D) the feasibility and cost of hardening  
10 critical military and civilian systems against  
11 EMP attack and similar events.

12 (2) RECOMMENDATIONS.—The Commission  
13 shall recommend any actions it believes should be  
14 taken by the United States to better prepare, pre-  
15 vent, mitigate, or recover military and civilian sys-  
16 tems with respect to EMP attacks and similar  
17 events.

18 (d) COOPERATION FROM GOVERNMENT.—

19 (1) COOPERATION.—In carrying out its duties,  
20 the Commission shall receive the full and timely co-  
21 operation of the Secretary of Defense, the Secretary  
22 of Energy, the Secretary of Homeland Security, and  
23 the pertinent heads of any other Federal agency in  
24 providing the Commission with analysis, briefings,

1 and other information necessary for the fulfillment  
2 of its responsibilities.

3 (2) LIAISON.—Each Secretary specified in  
4 paragraph (1) shall designate at least one officer or  
5 employee of the respective department of the Sec-  
6 retary to serve as a liaison officer between the De-  
7 partment and the Commission.

8 (e) REPORT.—

9 (1) FINAL REPORT.—

10 (A) IN GENERAL.—Not later than April 1,  
11 2019, the Commission shall submit to the  
12 President, the Secretary of Defense, the Com-  
13 mittee on Armed Services of the House of Rep-  
14 resentatives, and the Committee on Armed  
15 Services of the Senate a report on the findings,  
16 conclusions, and recommendations of the Com-  
17 mission.

18 (B) FORM OF REPORT.—The report sub-  
19 mitted to Congress under subparagraph (A)  
20 shall be submitted in unclassified form, but may  
21 include a classified annex.

22 (2) VIEWS OF THE SECRETARY.—Not later  
23 than 90 days after the submittal of the report under  
24 paragraph (1), the Secretary of Defense shall submit  
25 to the Committee on Armed Services of the House

1 of Representatives and the Committee on Armed  
2 Services of the Senate a report that contains the  
3 views of the Secretary with respect to the findings,  
4 conclusions, and recommendations of the Commis-  
5 sion and any actions the Secretary intends to take  
6 as a result.

7 (3) INTERIM BRIEFING.—Not later than Octo-  
8 ber 1, 2018, the Commission shall provide to the  
9 Committee on Armed Services of the House of Rep-  
10 resentatives and the Committee on Armed Services  
11 of the Senate a briefing on the status of the activi-  
12 ties of the Commission, including a discussion of any  
13 interim recommendations.

14 (f) FUNDING.—Of the amounts authorized to be ap-  
15 propriated by this Act for the Department of Defense,  
16 \$3,000,000 is available to fund the activities of the Com-  
17 mission, as specified in the funding tables in division D.

18 (g) APPLICATION OF FEDERAL ADVISORY COM-  
19 MITTEE ACT.—The Federal Advisory Committee Act (5  
20 U.S.C. App.) shall apply to the Commission.

21 (h) TERMINATION.—The Commission shall terminate  
22 on October 1, 2019.

23 (i) REPEAL.—Title XIV of Floyd D. Spence National  
24 Defense Authorization Act for Fiscal Year 2001 (Public  
25 Law 106–398) is repealed.

1 **SEC. 1692. PROTECTION OF CERTAIN FACILITIES AND AS-**  
2 **SETS FROM UNMANNED AIRCRAFT.**

3 Section 130i of title 10, United States Code, is  
4 amended to read as follows:

5 **“§ 130i Protection of certain facilities and assets from**  
6 **unmanned aircraft**

7 “(a) **AUTHORITY.**—Notwithstanding section 46502 of  
8 title 49, or any provision of title 18, the Secretary of De-  
9 fense may take, and may authorize members of the armed  
10 forces and officers and civilian employees of the Depart-  
11 ment of Defense with assigned duties that include safety,  
12 security, or protection of personnel, facilities, or assets,  
13 to take, such actions described in subsection (b)(1) that  
14 are necessary to mitigate the threat (as defined by the  
15 Secretary of Defense, in consultation with the Secretary  
16 of Transportation) that an unmanned aircraft system or  
17 unmanned aircraft poses to the safety or security of a cov-  
18 ered facility or asset.

19 “(b) **ACTIONS DESCRIBED.**—(1) The actions de-  
20 scribed in this paragraph are the following:

21 “(A) Detect, identify, monitor, and track the  
22 unmanned aircraft system or unmanned aircraft,  
23 without prior consent, including by means of inter-  
24 cept or other access of a wire communication, an  
25 oral communication, or an electronic communication

1 used to control the unmanned aircraft system or un-  
2 manned aircraft.

3 “(B) Warn the operator of the unmanned air-  
4 craft system or unmanned aircraft, including by pas-  
5 sive or active, and direct or indirect physical, elec-  
6 tronic, radio, and electromagnetic means.

7 “(C) Disrupt control of the unmanned aircraft  
8 system or unmanned aircraft, without prior consent,  
9 including by disabling the unmanned aircraft system  
10 or unmanned aircraft by intercepting, interfering, or  
11 causing interference with wire, oral, electronic, or  
12 radio communications used to control the unmanned  
13 aircraft system or unmanned aircraft.

14 “(D) Seize or exercise control of the unmanned  
15 aircraft system or unmanned aircraft.

16 “(E) Seize or otherwise confiscate the un-  
17 manned aircraft system or unmanned aircraft.

18 “(F) Use reasonable force to disable, damage,  
19 or destroy the unmanned aircraft system or un-  
20 manned aircraft.

21 “(2) The Secretary of Defense shall develop the ac-  
22 tions described in paragraph (1) in coordination with the  
23 Secretary of Transportation.

24 “(c) FORFEITURE.—Any unmanned aircraft system  
25 or unmanned aircraft described in subsection (a) that is

1 seized by the Secretary of Defense is subject to forfeiture  
2 to the United States.

3 “(d) REGULATIONS AND GUIDANCE.—(1) The Sec-  
4 retary of Defense and the Secretary of Transportation  
5 may prescribe regulations and shall issue guidance in the  
6 respective areas of each Secretary to carry out this section.

7 “(2)(A) The Secretary of Defense and the Secretary  
8 of Transportation shall coordinate in the development of  
9 guidance under paragraph (1).

10 “(B) The Secretary of Defense shall coordinate with  
11 the Secretary of Transportation and the Administrator of  
12 the Federal Aviation Administration before issuing any  
13 guidance or otherwise implementing this section if such  
14 guidance or implementation might affect aviation safety,  
15 civilian aviation and aerospace operations, aircraft air-  
16 worthiness, or the use of airspace.

17 “(e) PRIVACY PROTECTION.—The regulations pre-  
18 scribed or guidance issued under subsection (d) shall en-  
19 sure that—

20 “(1) the interception or acquisition of, or access  
21 to, communications to or from an unmanned aircraft  
22 system under this section is conducted in a manner  
23 consistent with the fourth amendment to the Con-  
24 stitution and applicable provisions of Federal law;

1           “(2) communications to or from an unmanned  
2           aircraft system are intercepted, acquired, or accessed  
3           only to the extent necessary to support a function of  
4           the Department of Defense;

5           “(3) records of such communications are not  
6           maintained for more than 180 days unless the Sec-  
7           retary of Defense determines that maintenance of  
8           such records—

9                   “(A) is necessary to support one or more  
10                   functions of the Department of Defense; or

11                   “(B) is required for a longer period to sup-  
12                   port a civilian law enforcement agency or by  
13                   any other applicable law or regulation; and

14           “(4) such communications are not disclosed  
15           outside the Department of Defense unless the disclo-  
16           sure—

17                   “(A) would fulfill a function of the Depart-  
18                   ment of Defense;

19                   “(B) would support a civilian law enforce-  
20                   ment agency or the enforcement activities of a  
21                   regulatory agency of the Federal Government in  
22                   connection with a criminal or civil investigation  
23                   of, or any regulatory action with regard to, an  
24                   action described in subsection (b)(1); or



1                   “(C) is otherwise required by law or regu-  
2                   lation.

3           “(f) BUDGET.—The Secretary of Defense shall sub-  
4           mit to Congress, as a part of the defense budget materials  
5           for each fiscal year after fiscal year 2018, a consolidated  
6           funding display that identifies the funding source for the  
7           actions described in subsection (b)(1) within the Depart-  
8           ment of Defense. The funding display shall be in unclassi-  
9           fied form, but may contain a classified annex.

10          “(g) SEMIANNUAL BRIEFINGS.—(1) On a semiannual  
11          basis during the five-year period beginning March 1, 2018,  
12          the Secretary of Defense and the Secretary of Transpor-  
13          tation, shall jointly provide a briefing to the appropriate  
14          congressional committees on the activities carried out pur-  
15          suant to this section. Such briefings shall include—

16                   “(A) policies, programs, and procedures to miti-  
17                   gate or eliminate impacts of such activities to the  
18                   National Airspace System;

19                   “(B) a description of instances where actions  
20                   described in subsection (b)(1) have been taken;

21                   “(C) how the Secretaries have informed the  
22                   public as to the possible use of authorities under this  
23                   section; and

1           “(D) how the Secretaries have engaged with  
2           Federal, State, and local law enforcement agencies  
3           to implement and use such authorities.

4           “(2) Each briefing under paragraph (1) shall be in  
5           unclassified form, but may be accompanied by an addi-  
6           tional classified briefing.

7           “(h) RULE OF CONSTRUCTION.—Nothing in this sec-  
8           tion may be construed to—

9           “(1) vest in the Secretary of Defense any au-  
10          thority of the Secretary of Transportation or the Ad-  
11          ministrator of the Federal Aviation Administration  
12          under title 49; and

13          “(2) vest in the Secretary of Transportation or  
14          the Administrator of the Federal Aviation Adminis-  
15          tration any authority of the Secretary of Defense  
16          under this title.

17          “(i) PARTIAL TERMINATION.—(1) Except as pro-  
18          vided by paragraph (2), the authority to carry out this  
19          section with respect to the covered facilities or assets spec-  
20          ified in clauses (iv) through (viii) of subsection (j)(3) shall  
21          terminate on December 31, 2020.

22          “(2) The President may extend by 180 days the ter-  
23          mination date specified in paragraph (1) if before Novem-  
24          ber 15, 2020, the President certifies to Congress that such

1 extension is in the national security interests of the United  
2 States.

3 “(j) DEFINITIONS.—In this section:

4 “(1) The term ‘appropriate congressional com-  
5 mittees’ means—

6 “(A) the congressional defense committees;

7 “(B) the Select Committee on Intelligence,  
8 the Committee on the Judiciary, and the Com-  
9 mittee on Commerce, Science, and Transpor-  
10 tation of the Senate; and

11 “(C) the Permanent Select Committee on  
12 Intelligence, the Committee on the Judiciary,  
13 and the Committee on Transportation and In-  
14 frastructure of the House of Representatives.

15 “(2) The term ‘budget’, with respect to a fiscal  
16 year, means the budget for that fiscal year that is  
17 submitted to Congress by the President under sec-  
18 tion 1105(a) of title 31.

19 “(3) The term ‘covered facility or asset’ means  
20 any facility or asset that—

21 “(A) is identified by the Secretary of De-  
22 fense, in consultation with the Secretary of  
23 Transportation with respect to potentially im-  
24 pacted airspace, through a risk-based assess-  
25 ment for purposes of this section;

1           “(B) is located in the United States (in-  
2           cluding the territories and possessions of the  
3           United States); and

4           “(C) directly relates to the missions of the  
5           Department of Defense pertaining to—

6                   “(i) nuclear deterrence, including with  
7                   respect to nuclear command and control,  
8                   integrated tactical warning and attack as-  
9                   sessment, and continuity of government;

10                   “(ii) missile defense;

11                   “(iii) national security space;

12                   “(iv) assistance in protecting the  
13                   President or the Vice President (or other  
14                   officer immediately next in order of succes-  
15                   sion to the office of the President) pursu-  
16                   ant to the Presidential Protection Assist-  
17                   ance Act of 1976 (18 U.S.C. 3056 note);

18                   “(v) air defense of the United States,  
19                   including air sovereignty, ground-based air  
20                   defense, and the National Capital Region  
21                   integrated air defense system;

22                   “(vi) combat support agencies (as de-  
23                   fined in paragraphs (1) through (4) of sec-  
24                   tion 193(f) of this title);

1           “(vii) special operations activities  
2           specified in paragraphs (1) through (9) of  
3           section 167(k) of this title;

4           “(viii) production, storage, transpor-  
5           tation, or decommissioning of high-yield  
6           explosive munitions, by the Department; or

7           “(ix) a Major Range and Test Facility  
8           Base (as defined in section 196(i) of this  
9           title).

10           “(4) The term ‘defense budget materials’, with  
11           respect to a fiscal year, means the materials sub-  
12           mitted to Congress by the Secretary of Defense in  
13           support of the budget for that fiscal year.

14           “(5) The terms ‘electronic communication’,  
15           ‘intercept’, ‘oral communication’, and ‘wire commu-  
16           nication’ have the meanings given those terms in  
17           section 2510 of title 18.

18           “(6) The terms ‘unmanned aircraft’ and ‘un-  
19           manned aircraft system’ have the meanings given  
20           those terms in section 331 of the FAA Moderniza-  
21           tion and Reform Act of 2012 (Public Law 112–95;  
22           49 U.S.C. 40101 note).”.

1 **SEC. 1693. CONVENTIONAL PROMPT GLOBAL STRIKE WEAP-**  
2 **ONS SYSTEM.**

3 (a) **EARLY OPERATIONAL CAPABILITY.**—The Sec-  
4 retary of Defense, in coordination with the Chairman of  
5 the Joint Chiefs of Staff, shall plan to reach early oper-  
6 ational capability for the conventional prompt strike weap-  
7 on system by not later than September 30, 2022.

8 (b) **REPORT.**—Not later than 180 days after the date  
9 of the enactment of this Act, the Chairman of the Joint  
10 Chiefs of Staff, in consultation with the Chief of Staff of  
11 the Army, the Commander of the United States European  
12 Command, the Commander of the United States Pacific  
13 Command, and the Commander of the United States Stra-  
14 tegic Command, shall submit to the congressional defense  
15 committees a report on the conventional prompt global  
16 strike weapons system with respect to—

17 (1) the required level of resources that is con-  
18 sistent with the level of priority assigned to the asso-  
19 ciated capability gap;

20 (2) the estimated period for the delivery of a  
21 medium-range early operational capability, the re-  
22 quired level of resources necessary to field a me-  
23 dium-range conventional prompt global strike weap-  
24 on within the United States (including the territories  
25 and possessions of the United States), or a similar  
26 sea-based system, and a detailed plan consistent

1 with the urgency of the associated capability gap  
2 across multiple platforms;

3 (3) the joint performance requirements that—

4 (A) ensure interoperability, where appro-  
5 priate, between and among joint military capa-  
6 bilities; and

7 (B) are necessary, as designated by the  
8 Chairman of the Joint Chiefs of Staff, to fulfill  
9 capability gaps of more than one military de-  
10 partment, Defense Agency, or other element of  
11 the Department; and

12 (4) in coordination with the Secretary of De-  
13 fense, any plan (including policy options) considered  
14 appropriate to address any potential risks of ambi-  
15 guity from the launch or employment of such a ca-  
16 pability.

17 **SEC. 1694. BUSINESS CASE ANALYSIS REGARDING AMMO-**  
18 **NIUM PERCHLORATE.**

19 (a) IN GENERAL.—The Secretary of Defense, acting  
20 through the Director of Cost Assessment and Program  
21 Evaluation, shall conduct a business case analysis regard-  
22 ing the options of the Federal Government to ensure a  
23 robust domestic industrial base to supply ammonium per-  
24 chlorate for use in solid rocket motors. Such analysis  
25 should include assessments of the near- and long-term

1 costs, program impacts, opportunities for competition, op-  
2 portunities for redundant or complementary capabilities,  
3 and national security implications of—

4 (1) continuing to rely on one domestic provider;

5 (2) supporting development of a second domes-  
6 tic source;

7 (3) procuring ammonium perchlorate as Gov-  
8 ernment-furnished material and providing it to all  
9 necessary programs; and

10 (4) such other options as the Secretary deter-  
11 mines appropriate.

12 (b) ELEMENTS.—The analysis under subsection (a)  
13 shall, at minimum, include—

14 (1) an estimate of all associated costs, including  
15 development costs, procurement costs, and qualifica-  
16 tion and requalification costs (and types of associ-  
17 ated testing for requalification), as applicable;

18 (2) an assessment of options, under various sce-  
19 narios, for the quantity of ammonium perchlorate  
20 that would be required by the Department of De-  
21 fense; and

22 (3) the assessment of the Secretary of how the  
23 requirements for ammonium perchlorate of other  
24 Federal agencies impact the requirements of the De-  
25 partment of Defense.



1 (c) REPORT.—The Secretary shall submit the busi-  
2 ness case analysis required by subsection (a) to the Comp-  
3 troller General of the United States and the Committees  
4 on Armed Services of the Senate and House of Represent-  
5 atives by March 1, 2018, along with any views of the Sec-  
6 retary.

7 (d) REVIEW.—The Comptroller General of the United  
8 States shall conduct a review of the report submitted by  
9 the Secretary under subsection (c) and, not later than 30  
10 days after receiving such report, provide a briefing on such  
11 review to the Committees on Armed Services of the Senate  
12 and House of Representatives.

13 **SEC. 1695. REPORT ON INDUSTRIAL BASE FOR LARGE**  
14 **SOLID ROCKET MOTORS AND RELATED TECH-**  
15 **NOLOGIES.**

16 (a) REPORT.—Not later than March 1, 2018, the  
17 Secretary of Defense, in consultation with the Adminis-  
18 trator of the National Aeronautics and Space Administra-  
19 tion, shall submit to the appropriate congressional com-  
20 mittees a report on options to ensure a robust domestic  
21 industrial base for large solid rocket motors, including  
22 with respect to the critical technologies, subsystems, com-  
23 ponents, and materials within and relating to such rocket  
24 motors.

1 (b) MATTERS INCLUDED.—The report under sub-  
2 section (a) shall include the following:

3 (1) An assessment of options that would sustain  
4 not less than two domestic suppliers for—

5 (A) large solid rocket motors;

6 (B) small liquid-fueled rocket engines;

7 (C) aeroshells for reentry vehicles (or re-  
8 entry bodies);

9 (D) strategic radiation-hardened microelec-  
10 tronics; and

11 (E) any other critical technologies, sub-  
12 systems, components, and materials within and  
13 relating to large solid rocket motors that the  
14 Secretary determines appropriate.

15 (2) With respect to the sustainment of domestic  
16 suppliers as described in paragraph (1), the views of  
17 the Secretary on—

18 (A) such sustainment of not less than two  
19 domestic suppliers for each item specified in  
20 subparagraphs (A) through (E) of such para-  
21 graph;

22 (B) the risks within the industrial base for  
23 each such item;

24 (C) the estimated costs for such  
25 sustainment; and

1 (D) the opportunities to ensure or promote  
2 competition within the industrial base for each  
3 such item.

4 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
5 FINED.—In this section, the term “appropriate congres-  
6 sional committees” means—

7 (1) the Committee on Armed Services and the  
8 Permanent Select Committee on Intelligence of the  
9 House of Representatives; and

10 (2) the Committee on Armed Services of the  
11 Senate.

12 **SEC. 1696. PILOT PROGRAM ON ENHANCING INFORMATION**  
13 **SHARING FOR SECURITY OF SUPPLY CHAIN.**

14 (a) ESTABLISHMENT.—Not later than June 1, 2019,  
15 the Secretary of Defense shall establish a pilot program  
16 to enhance information sharing with cleared defense con-  
17 tractors to ensure all source information is appropriately,  
18 singularly, and exclusively shared for the purpose of ensur-  
19 ing the security or integrity of the supply chain of covered  
20 programs.

21 (b) SELECTION.—The Secretary shall select not more  
22 than 10 acquisition or sustainment programs of the De-  
23 partment of Defense to participate in the pilot program  
24 under subsection (a), of which—

1           (1) not fewer than one program shall be related  
2 to nuclear weapons;

3           (2) not fewer than one program shall be related  
4 to nuclear command, control, and communications;

5           (3) not fewer than one program shall be related  
6 to continuity of government;

7           (4) not fewer than one program shall be related  
8 to ballistic missile defense;

9           (5) not fewer than one program shall be related  
10 to other command and control systems; and

11          (6) not fewer than one program shall be related  
12 to space systems.

13          (c) REPORT.—Not later than March 1, 2018, the  
14 Secretary shall submit to the congressional defense com-  
15 mittees a report that includes—

16           (1) details on how the Secretary will establish  
17 the pilot program under subsection (a) to ensure all  
18 source information is appropriately, singularly, and  
19 exclusively shared for the purpose of ensuring the  
20 security or integrity of the supply chain of covered  
21 programs;

22           (2) details of any personnel, funding, or statu-  
23 tory constraints in carrying out the pilot program;  
24 and

1           (3) the identification of any legislative action or  
2           administrative action required to provide the Sec-  
3           retary with specific additional authorities required to  
4           fully implement the pilot program.

5           (d) **CLEARED DEFENSE CONTRACTORS DEFINED.**—  
6           In this section, the term “cleared defense contractors”  
7           means contractors of the Department of Defense who have  
8           a security clearance, including contractor facilities that  
9           have a security clearance.

10       **SEC. 1697. PILOT PROGRAM ON ELECTROMAGNETIC SPEC-**  
11   **TRUM MAPPING.**

12           (a) **IN GENERAL.**—Not later than 180 days after the  
13           date of the enactment of this Act, the Secretary of Defense  
14           may establish a pilot program to assess the viability of  
15           mapping the electromagnetic spectrum used by the De-  
16           partment of Defense.

17           (b) **DURATION.**—The authority of the Secretary to  
18           carry out the pilot program under subsection (a) shall ter-  
19           minate on the date that is one year after the date of the  
20           enactment of this Act.

21           (c) **INTERIM BRIEFING.**—Not later than 60 days  
22           after the date of enactment of this Act, the Secretary of  
23           Defense shall provide a briefing to the Committees on  
24           Armed Services of the House of Representatives and the  
25           Senate (and to any other congressional defense committee

1 upon request) demonstrating how the Secretary plans to  
2 implement the pilot program under subsection (a).

3 (d) FINAL BRIEFING.—Not later than 90 days after  
4 the pilot program under subsection (a) is completed, the  
5 Secretary shall provide a briefing to the Committees on  
6 Armed Services of the House of Representatives and the  
7 Senate (and to any other congressional defense committee  
8 upon request) on the utility, cost, and other considerations  
9 regarding the mapping of the electromagnetic spectrum  
10 used by the Department of Defense.

11 **SEC. 1698. USE OF COMMERCIAL ITEMS IN DISTRIBUTED**  
12 **COMMON GROUND SYSTEMS.**

13 (a) IN GENERAL.—The procurement process for each  
14 covered Distributed Common Ground System shall be car-  
15 ried out in accordance with section 2377 of title 10,  
16 United States Code.

17 (b) CERTIFICATION.—Not later than 30 days after  
18 the date of the enactment of this Act, the service acquisi-  
19 tion executive responsible for each covered Distributed  
20 Common Ground System shall certify to the appropriate  
21 congressional committees that the procurement process for  
22 increments of the system procured after the date of the  
23 enactment of this Act will be carried out in accordance  
24 with section 2377 of title 10, United States Code.

25 (c) DEFINITIONS.—In this section:

1 (1) The term “appropriate congressional com-  
2 mittees” means—

3 (A) the congressional defense committees;  
4 and

5 (B) the Select Committee on Intelligence  
6 of the Senate and the Permanent Select Com-  
7 mittee on Intelligence of the House of Rep-  
8 resentatives.

9 (2) The term “covered Distributed Common  
10 Ground System” includes the following:

11 (A) The Distributed Common Ground Sys-  
12 tem of the Army.

13 (B) The Distributed Common Ground Sys-  
14 tem of the Navy.

15 (C) The Distributed Common Ground Sys-  
16 tem of the Marine Corps.

17 (D) The Distributed Common Ground Sys-  
18 tem of the Air Force.

19 (E) The Distributed Common Ground Sys-  
20 tem of the Special Operations Forces.

21 **TITLE XVII—SMALL BUSINESS**  
22 **PROCUREMENT AND INDUS-**  
23 **TRIAL BASE MATTERS**

- Sec. 1701. Amendments to HUBZone provisions of the Small Business Act.
- Sec. 1702. Uniformity in procurement terminology.
- Sec. 1703. Improving reporting on small business goals.
- Sec. 1704. Responsibilities of Business Opportunity Specialists.
- Sec. 1705. Responsibilities of commercial market representatives.

- Sec. 1706. Modification of past performance pilot program to include consideration of past performance with allies of the United States.
- Sec. 1707. Notice of cost-free Federal procurement technical assistance in connection with registration of small business concerns on procurement websites of the Department of Defense.
- Sec. 1708. Inclusion of SBIR and STTR programs in technical assistance.
- Sec. 1709. Requirements relating to competitive procedures and justification for awards under the SBIR and STTR programs.
- Sec. 1710. Pilot program for streamlined technology transition from the SBIR and STTR programs of the Department of Defense.
- Sec. 1711. Pilot program on strengthening manufacturing in the defense industrial base.
- Sec. 1712. Review regarding applicability of foreign ownership, control, or influence requirements of National Industrial Security Program to national technology and industrial base companies.
- Sec. 1713. Report on sourcing of tungsten and tungsten powders from domestic producers.
- Sec. 1714. Report on utilization of small business concerns for Federal contracts.

1 **SEC. 1701. AMENDMENTS TO HUBZONE PROVISIONS OF THE**  
2 **SMALL BUSINESS ACT.**

3 (a) TRANSFER OF HUBZONE DEFINITIONS.—

4 (1) REDESIGNATION.—Section 31 of the Small  
5 Business Act (15 U.S.C. 657a) is amended by redesignating subsections (b), (c), and (d) as subsections  
6 (c), (d), and (e), respectively.

7 (2) TRANSFER.—Subsection (p) of section 3 of  
8 the Small Business Act (15 U.S.C. 632(p)) is transferred to section 31 of the Small Business Act (15  
9 U.S.C. 657a), inserted so as to appear after subsection (a), and redesignated as subsection (b), and  
10 is amended—

11 (A) by striking “In this Act:” and inserting  
12 “In this section:”;

13 (B) in paragraph (1)—



1 (i) by striking “term” and inserting  
2 “terms”; and

3 (ii) by striking “means” and inserting  
4 “or ‘HUBZone’ mean”; and

5 (C) by striking paragraph (2) (and redesign-  
6 nating subsequent paragraphs accordingly).

7 (3) DEFINITION OF QUALIFIED HUBZONE  
8 SMALL BUSINESS CONCERN.—Section 3 of the Small  
9 Business Act (15 U.S.C. 632), as amended by para-  
10 graph (2), is further amended by inserting after sub-  
11 section (o) the following new subsection (p):

12 “(p) QUALIFIED HUBZONE SMALL BUSINESS CON-  
13 CERN.—In this Act, the term ‘qualified HUBZone small  
14 business concern’ has the meaning given such term in sec-  
15 tion 31(b).”.

16 (4) CONFORMING AMENDMENTS.—

17 (A) MENTOR-PROTEGE PROGRAM.—Section  
18 831(n)(2)(G) of the National Defense Author-  
19 ization Act for Fiscal Year 1991 (Public Law  
20 101–510; 104 Stat. 1607; 10 U.S.C. 2302  
21 note) is amended by striking “section 3(p) of  
22 the Small Business Act (15 U.S.C. 632(p))”  
23 and inserting “section 31(b) of the Small Busi-  
24 ness Act”.

1 (B) TITLE 10.—Section 2323 of title 10,  
2 United States Code, is amended by striking  
3 “section 3(p) of the Small Business Act” each  
4 place it appears and inserting “section 31(b) of  
5 the Small Business Act”.

6 (C) SMALL BUSINESS ACT.—Section  
7 8(d)(3)(G) of the Small Business Act (15  
8 U.S.C. 637(d)(3)(G)) is amended by striking  
9 “section 3(p) of the Small Business Act” and  
10 inserting “section 31(b)”.

11 (D) COMPREHENSIVE SMALL BUSINESS  
12 SUBCONTRACTING PLANS.—Section 834 of the  
13 National Defense Authorization Act for Fiscal  
14 Years 1990 and 1991 (15 U.S.C. 637 note) is  
15 amended by striking “section 3(p)(5) of such  
16 Act (15 U.S.C. 632(p)(5))” and inserting “sec-  
17 tion 31(b) of such Act”.

18 (E) CONTRACTS FOR COLLECTION SERV-  
19 ICES.—Section 3718 of title 31, United States  
20 Code, is amended by striking “section 3(p) of  
21 the Small Business Act” each place it appears  
22 and inserting “section 31(b) of the Small Busi-  
23 ness Act”.

24 (F) TITLE 41.—Title 41, United States  
25 Code, is amended—

1 (i) in section 1122, by striking “sec-  
2 tion 3(p) of the Small Business Act (15  
3 U.S.C. 632(p))” each place it appears and  
4 inserting “section 31(b) of the Small Busi-  
5 ness Act”; and

6 (ii) in section 1713, by striking “sec-  
7 tion 3(p) of the Small Business Act (15  
8 U.S.C. 632(p))” and inserting “section  
9 31(b) of the Small Business Act”.

10 (G) TITLE 49.—Title 49, United States  
11 Code, is amended—

12 (i) in section 47107, by striking “sec-  
13 tion 3(p) of the Small Business Act” each  
14 place it appears and inserting “section  
15 31(b) of the Small Business Act”; and

16 (ii) in section 47113(a)(3), by striking  
17 “section 3(p) of the Small Business Act  
18 (15 U.S.C. 632(o))” and inserting “section  
19 31(b) of the Small Business Act”.

20 (b) AMENDMENTS TO DEFINITIONS OF QUALIFIED  
21 CENSUS TRACT AND QUALIFIED NONMETROPOLITAN  
22 COUNTY.—

23 (1) IN GENERAL.—Paragraph (3) of section  
24 31(b) of the Small Business Act (as transferred and  
25 redesignated by subsection (a)) is amended—

1 (A) in subparagraph (A)—

2 (i) by amending clause (i) to read as  
3 follows:

4 “(i) IN GENERAL.—The term ‘quali-  
5 fied census tract’ means a census tract  
6 that is covered by the definition of ‘quali-  
7 fied census tract’ in section 42(d)(5)(B)(ii)  
8 of the Internal Revenue Code of 1986 and  
9 that is reflected in an online tool prepared  
10 by the Administrator described under sub-  
11 section (d)(7).”; and

12 (ii) in clause (ii), by inserting “and  
13 that is reflected in the online tool described  
14 under clause (i)” after “such section”; and

15 (B) in subparagraph (B)—

16 (i) in the matter preceding clause (i),  
17 by inserting “that is reflected in the online  
18 tool described under subparagraph (A)(i)  
19 and” after “any county”; and

20 (ii) in clause (ii)—

21 (I) in subclause (I), by striking  
22 “nonmetropolitan”; and

23 (II) by striking “the most recent  
24 data available” each place it appears

1 and inserting “a 5-year average of the  
2 available data”.

3 (2) TECHNICAL AMENDMENTS.—Paragraph  
4 (3)(B) of section 31(b) of the Small Business Act  
5 (as transferred and redesignated by subsection (a)),  
6 as amended by paragraph (1), is further amended—

7 (A) in clause (i), by striking “section  
8 42(d)(5)(C)(ii) of the Internal Revenue Code of  
9 1986” and inserting “section 42(d)(5)(B)(ii) of  
10 the Internal Revenue Code of 1986”; and

11 (B) in clause (ii)(III), by striking “section  
12 42(d)(5)(C)(iii) of the Internal Revenue Code of  
13 1986” and inserting “section 42(d)(5)(B)(iii) of  
14 the Internal Revenue Code of 1986”.

15 (c) AMENDMENTS TO DEFINITIONS OF BASE CLO-  
16 SURE AREA AND QUALIFIED DISASTER AREA.—Para-  
17 graph (3) of section 31(b) of the Small Business Act (as  
18 transferred and redesignated by subsection (a)), as  
19 amended by subsection (b), is further amended—

20 (1) by amending clause (ii) of subparagraph  
21 (D) to read as follows:

22 “(ii) LIMITATION.—A census tract or  
23 nonmetropolitan county described in clause  
24 (i) shall be considered to be a base closure  
25 area for a period beginning on the date on

1 which the Administrator designates such  
2 census tract or nonmetropolitan county as  
3 a base closure area and ending on the date  
4 on which the base closure area ceases to be  
5 a qualified census tract under subpara-  
6 graph (A) or a qualified nonmetropolitan  
7 county under subparagraph (B) in accord-  
8 ance with the online tool prepared by the  
9 Administrator described under subsection  
10 (d)(7), except that such period may not be  
11 less than 8 years.”; and

12 (2) by amending subparagraph (E) to read as  
13 follows:

14 “(E) QUALIFIED DISASTER AREA.—

15 “(i) IN GENERAL.—Subject to clause  
16 (ii), the term ‘qualified disaster area’  
17 means any census tract or nonmetropolitan  
18 county located in an area where a major  
19 disaster has occurred or an area in which  
20 a catastrophic incident has occurred if  
21 such census tract or nonmetropolitan coun-  
22 ty ceased to be qualified under subpara-  
23 graph (A) or (B), as applicable, during the  
24 period beginning 5 years before the date  
25 on which the President declared the major

1 disaster or the catastrophic incident oc-  
2 curred.

3 “(ii) DURATION.—A census tract or  
4 nonmetropolitan county shall be considered  
5 to be a qualified disaster area under clause  
6 (i) only for the period of time ending on  
7 the date the area ceases to be a qualified  
8 census tract under subparagraph (A) or a  
9 qualified nonmetropolitan county under  
10 subparagraph (B), in accordance with the  
11 online tool prepared by the Administrator  
12 described under subsection (d)(7) and be-  
13 ginning—

14 “(I) in the case of a major dis-  
15 aster, on the date on which the Presi-  
16 dent declared the major disaster for  
17 the area in which the census tract or  
18 nonmetropolitan county, as applicable,  
19 is located; or

20 “(II) in the case of a cata-  
21 strophic incident, on the date on  
22 which the catastrophic incident oc-  
23 curred in the area in which the census  
24 tract or nonmetropolitan county, as  
25 applicable, is located.

1 “(iii) DEFINITIONS.—In this subpara-  
2 graph:

3 “(I) MAJOR DISASTER.—The  
4 term ‘major disaster’ means a major  
5 disaster declared by the President  
6 under section 401 of the Robert T.  
7 Stafford Disaster Relief and Emer-  
8 gency Assistance Act (42 U.S.C.  
9 5170).

10 “(II) OTHER DEFINITIONS.—The  
11 terms ‘census tract’ and ‘nonmetro-  
12 politan county’ have the meanings  
13 given such terms in subparagraph  
14 (D)(iii).”.

15 (d) AMENDMENT TO DEFINITION OF REDESIGNATED  
16 AREAS.—Paragraph (3) of section 31(b) of the Small  
17 Business Act (as transferred and redesignated by sub-  
18 section (a)), as amended by subsection (c), is further  
19 amended by amending subparagraph (C) to read as fol-  
20 lows:

21 “(C) REDESIGNATED AREA.—The term  
22 ‘redesignated area’ means any census tract that  
23 ceases to be qualified under subparagraph (A)  
24 and any nonmetropolitan county that ceases to  
25 be qualified under subparagraph (B) for a pe-



1           riod of 3 years after the date on which the cen-  
2           sus tract or nonmetropolitan county ceased to  
3           be so qualified.”.

4           (e) GOVERNOR-DESIGNATED COVERED AREA.—Sec-  
5           tion 31(b) of the Small Business Act (as transferred and  
6           redesignated by subsection (a)), is amended—

7           (1) in paragraph (1)—

8                 (A) in subparagraph (E), by striking “or”  
9                 at the end;

10                (B) in subparagraph (F), by striking the  
11                period at the end and inserting “; or”; and

12                (C) by inserting after subparagraph (F)  
13                the following new subparagraph:

14                “(G) a Governor-designated covered area.”;

15           (2) in paragraph (3) (as amended by subsection  
16           (c)), by adding at the end the following new sub-  
17           paragraph:

18                “(F) GOVERNOR-DESIGNATED COVERED  
19                AREA.—

20                “(i) IN GENERAL.—A ‘Governor-des-  
21                ignated covered area’ means a covered area  
22                that the Administrator has designated by  
23                approving a petition described under clause  
24                (ii).

1           “(ii) PETITION.—For a covered area  
2           to receive a designation as a Governor-des-  
3           ignated covered area, the Governor of the  
4           State in which the covered area is wholly  
5           contained shall include such covered area  
6           in a petition to the Administrator request-  
7           ing such a designation. In reviewing a re-  
8           quest for designation included in such a  
9           petition, the Administrator may consider—

10                   “(I) the potential for job creation  
11                   and investment in the covered area;

12                   “(II) the demonstrated interest  
13                   of small business concerns in the cov-  
14                   ered area to be designated as a Gov-  
15                   ernor-designated covered area;

16                   “(III) how State and local gov-  
17                   ernment officials have incorporated  
18                   the covered area into an economic de-  
19                   velopment strategy; and

20                   “(IV) if the covered area was a  
21                   HUBZone before becoming the sub-  
22                   ject of the petition, the impact on the  
23                   covered area if the Administrator did  
24                   not approve the petition.

1           “(iii) LIMITATIONS.—Each calendar  
2 year, a Governor may submit not more  
3 than 1 petition described under clause (ii).  
4 Such petition shall include all covered  
5 areas in a State for which the Governor  
6 seeks designation as a Governor-designated  
7 covered area, except that the total number  
8 of covered areas included in such petition  
9 may not exceed 10 percent of the total  
10 number of covered areas in the State.

11           “(iv) CERTIFICATION.—If the Admin-  
12 istrator grants a petition described under  
13 clause (ii), the Governor of the Governor-  
14 designated covered area shall, not less fre-  
15 quently than annually, submit data to the  
16 Administrator certifying that each Gov-  
17 ernor-designated covered area continues to  
18 meet the requirements of clause (v)(I).

19           “(v) DEFINITIONS.—In this subpara-  
20 graph:

21           “(I) COVERED AREA.—The term  
22 ‘covered area’ means an area in a  
23 State—

24           “(aa) that is located outside  
25 of an urbanized area, as deter-

1 mined by the Bureau of the Cen-  
2 sus;

3 “(bb) with a population of  
4 not more than 50,000; and

5 “(cc) for which the average  
6 unemployment rate is not less  
7 than 120 percent of the average  
8 unemployment rate of the United  
9 States or of the State in which  
10 the covered area is located,  
11 whichever is less, based on the  
12 most recent data available from  
13 the American Community Survey  
14 conducted by the Bureau of the  
15 Census.

16 “(II) GOVERNOR.—The term  
17 ‘Governor’ means the chief executive  
18 of a State.

19 “(III) STATE.—The term ‘State’  
20 means each of the several States, the  
21 District of Columbia, the Common-  
22 wealth of Puerto Rico, the United  
23 States Virgin Islands, Guam, the  
24 Commonwealth of the Northern Mar-  
25 iana Islands, and American Samoa.”.

1 (f) REPEAL OF 5-YEAR LIMITATION ON HUBZONE  
2 STATUS OF BASE CLOSURE AREAS.—Section 152(a) of  
3 title I of division K of the Consolidated Appropriations  
4 Act, 2005 (15 U.S.C. 632 note) is amended by repealing  
5 paragraph (2).

6 (g) AMENDMENT TO DEFINITION OF QUALIFIED  
7 HUBZONE SMALL BUSINESS CONCERN.—Paragraph (4)  
8 of section 31(b) of the Small Business Act (as transferred  
9 and redesignated by subsection (a)) is amended to read  
10 as follows:

11 “(4) QUALIFIED HUBZONE SMALL BUSINESS  
12 CONCERN.—The term ‘qualified HUBZone small  
13 business concern’ means a HUBZone small business  
14 concern that has been certified by the Administrator  
15 in accordance with the procedures described in this  
16 section.”.

17 (h) AMENDMENTS TO HUBZONE PROGRAM.—

18 (1) CLARIFICATIONS TO ELIGIBILITY FOR  
19 HUBZONE PROGRAM.—Section 31(d) of the Small  
20 Business Act, as redesignated by subsection (a), is  
21 amended to read as follows:

22 “(d) ELIGIBILITY REQUIREMENTS; ENFORCE-  
23 MENT.—

24 “(1) CERTIFICATION.—In order to be eligible  
25 for certification by the Administrator as a qualified

1 HUBZone small business concern, a HUBZone  
2 small business concern shall submit documentation  
3 to the Administrator stating that—

4 “(A) at the time of certification and at  
5 each examination conducted pursuant to para-  
6 graph (4), the principal office of the concern is  
7 located in a HUBZone and not fewer than 35  
8 percent of its employees reside in a HUBZone;

9 “(B) the concern will attempt to maintain  
10 the applicable employment percentage under  
11 subparagraph (A) during the performance of  
12 any contract awarded to such concern on the  
13 basis of a preference provided under subsection  
14 (c); and

15 “(C) the concern will ensure that the re-  
16 quirements of section 46 are satisfied with re-  
17 spect to any subcontract entered into by such  
18 concern pursuant to a contract awarded under  
19 this section.

20 “(2) VERIFICATION.—In carrying out this sec-  
21 tion, the Administrator shall establish procedures re-  
22 lating to—

23 “(A) the filing, investigation, and disposi-  
24 tion by the Administration of any challenge to  
25 the eligibility of a HUBZone small business

1 concern to receive assistance under this section  
2 (including a challenge, filed by an interested  
3 party, relating to the veracity of documentation  
4 provided to the Administration by such a con-  
5 cern under paragraph (1)); and

6 “(B) verification by the Administrator of  
7 the accuracy of any documentation provided by  
8 a HUBZone small business concern under para-  
9 graph (1).

10 “(3) TIMING.—The Administrator shall verify  
11 the eligibility of a HUBZone small business concern  
12 using the procedures described in paragraph (2)  
13 within a reasonable time and not later than 60 days  
14 after the date on which the Administrator receives  
15 sufficient and complete documentation from a  
16 HUBZone small business concern under paragraph  
17 (1).

18 “(4) RECERTIFICATION.—Not later than 3  
19 years after the date that such HUBZone small busi-  
20 ness concern was certified as a qualified HUBZone  
21 small business concern, and every 3 years thereafter,  
22 the Administrator shall verify the accuracy of any  
23 documentation provided by a HUBZone small busi-  
24 ness concern under paragraph (1) to determine if

1 such HUBZone small business concern remains a  
2 qualified HUBZone small business concern.

3 “(5) EXAMINATIONS.—The Administrator shall  
4 conduct program examinations of qualified  
5 HUBZone small business concerns, using a risk-  
6 based analysis to select which concerns are exam-  
7 ined, to ensure that any concern examined meets the  
8 requirements of paragraph (1).

9 “(6) LOSS OF CERTIFICATION.—A HUBZone  
10 small business concern that, based on the results of  
11 an examination conducted pursuant to paragraph  
12 (5) no longer meets the requirements of paragraph  
13 (1), shall have 30 days to submit documentation to  
14 the Administrator to be eligible to be certified as a  
15 qualified HUBZone small business concern. During  
16 the 30-day period, such concern may not compete  
17 for or be awarded a contract under this section. If  
18 such concern fails to meet the requirements of para-  
19 graph (1) by the last day of the 30-day period, the  
20 Administrator shall not certify such concern as a  
21 qualified HUBZone small business concern.

22 “(7) HUBZONE ONLINE TOOL.—

23 “(A) IN GENERAL.—The Administrator  
24 shall develop a publicly accessible online tool



1 that depicts HUBZones. Such online tool shall  
2 be updated—

3 “(i) with respect to HUBZones de-  
4 scribed under subparagraphs (A) and (B)  
5 of subsection (b)(3), beginning on January  
6 1, 2020, and every 5 years thereafter;

7 “(ii) with respect to a HUBZone de-  
8 scribed under subsection (b)(3)(C), imme-  
9 diately after the area becomes, or ceases to  
10 be, a redesignated area; and

11 “(iii) with respect to HUBZones de-  
12 scribed under subparagraphs (D), (E), and  
13 (F) of subsection (b)(3), immediately after  
14 an area is designated as a base closure  
15 area, qualified disaster area, or Governor-  
16 designated covered area, respectively.

17 “(B) DATA.—The online tool required  
18 under subparagraph (A) shall clearly and con-  
19 spicuously provide access to the data used by  
20 the Administrator to determine whether or not  
21 an area is a HUBZone in the year in which the  
22 online tool was prepared.

23 “(C) NOTIFICATION OF UPDATE.—The Ad-  
24 ministrator shall include in the online tool a no-  
25 tification of the date on which the online tool,

1 and the data used to create the online tool, will  
2 be updated.

3 “(8) LIST OF QUALIFIED HUBZONE SMALL  
4 BUSINESS CONCERNS.—The Administrator shall es-  
5 tablish and publicly maintain on the internet a list  
6 of qualified HUBZone small business concerns that  
7 shall—

8 “(A) to the extent practicable, include the  
9 name, address, and type of business with re-  
10 spect to such concern;

11 “(B) be updated by the Administrator not  
12 less than annually; and

13 “(C) be provided upon request to any Fed-  
14 eral agency or other entity.

15 “(9) PROVISION OF DATA.—Upon the request  
16 of the Administrator, the Secretary of Labor, the  
17 Administrator of the Federal Emergency Manage-  
18 ment Agency, the Secretary of Housing and Urban  
19 Development, and the Secretary of the Interior (or  
20 the Assistant Secretary for Indian Affairs), shall  
21 promptly provide to the Administrator such informa-  
22 tion as the Administrator determines to be necessary  
23 to carry out this subsection.

24 “(10) PENALTIES.—In addition to the penalties  
25 described in section 16(d), any small business con-

1       cern that is determined by the Administrator to have  
2       misrepresented the status of that concern as a  
3       ‘qualified HUBZone small business concern’ for pur-  
4       poses of this section shall be subject to liability for  
5       fraud, including section 1001 of title 18, United  
6       States Code, and sections 3729 through 3733 of  
7       title 31, United States Code.”.

8           (2) PERFORMANCE METRICS.—Section 31 of  
9       the Small Business Act (15 U.S.C. 657a) is amend-  
10      ed—

11           (A) in subsection (a)—

12               (i) by inserting “(to be known as the  
13               HUBZone program)” after “program”;  
14               and

15               (ii) by inserting “, including pro-  
16               moting economic development in economi-  
17               cally distressed areas (as defined in section  
18               7(m)(11)),” after “assistance”;

19           (B) by redesignating subsection (e) (as re-  
20       designated by subsection (a)) as subsection (f);  
21       and

22           (C) by inserting after subsection (d) the  
23       following new subsection:

24       “(e) PERFORMANCE METRICS.—

1           “(1) IN GENERAL.—Not later than 1 year after  
2           the date of the enactment of this subsection, the Ad-  
3           ministrator shall publish performance metrics de-  
4           signed to measure the success of the HUBZone pro-  
5           gram established under this section in meeting the  
6           program’s objective of promoting economic develop-  
7           ment in economically distressed areas (as defined in  
8           section 7(m)(11)).

9           “(2) COLLECTING AND MANAGING HUBZONE  
10          DATA.—The Administrator shall develop processes to  
11          incentivize each regional office of the Administration  
12          to collect and manage data on HUBZones within the  
13          geographic area served by such regional office.

14          “(3) REPORT.—Not later than 90 days after  
15          the last day of each fiscal year, the Administrator  
16          shall submit to the Committee on Small Business  
17          and Entrepreneurship of the Senate and the Com-  
18          mittee on Small Business of the House of Rep-  
19          resentatives a report analyzing the data from the  
20          performance metrics established under this sub-  
21          section and including—

22                  “(A) the number of HUBZone small busi-  
23                  ness concerns that lost certification as a quali-  
24                  fied HUBZone small business concern because

1 of the results of an examination performed  
2 under subsection (d)(5); and

3 “(B) the number of those concerns that  
4 did not submit documentation to be recertified  
5 under subsection (d)(6).”.

6 (3) AUTHORIZATION OF APPROPRIATIONS.—  
7 Section 31(f) of the Small Business Act, as redesign-  
8 nated by paragraph (2), is amended by striking “fis-  
9 cal years 2004 through 2006” and inserting “fiscal  
10 years 2020 through 2025”.

11 (i) CURRENT QUALIFIED HUBZONE SMALL BUSI-  
12 NESS CONCERNS.—A HUBZone small business concern  
13 that was qualified pursuant to section 3(p)(5) of the Small  
14 Business Act on or before December 31, 2019, shall con-  
15 tinue to be considered as a qualified HUBZone small busi-  
16 ness concern during the period beginning on January 1,  
17 2020, and ending on the date that the Administrator of  
18 the Small Business Administration prepares the online  
19 tool depicting qualified areas described under section  
20 31(d)(7) (as added by subsection (h) of this section).

21 (j) EFFECTIVE DATE.—The provisions of this section  
22 shall take effect—

23 (1) with respect to subsection (i), on the date  
24 of the enactment of this section; and

1 (2) with respect to subsections (a) through (h),  
2 on January 1, 2020.

3 **SEC. 1702. UNIFORMITY IN PROCUREMENT TERMINOLOGY.**

4 (a) IN GENERAL.—Section 15(j)(1) of the Small  
5 Business Act (15 U.S.C. 644(j)(1)) is amended by striking  
6 “greater than \$2,500 but not greater than \$100,000” and  
7 inserting “greater than the micro-purchase threshold, but  
8 not greater than the simplified acquisition threshold”.

9 (b) AMENDMENT TO CONTRACTING DEFINITIONS.—  
10 Section 3(m) of the Small Business Act (15 U.S.C.  
11 632(m)) is amended to read as follows:

12 “(m) DEFINITIONS RELATING TO CONTRACTING.—  
13 In this Act:

14 “(1) PRIME CONTRACT.—The term ‘prime con-  
15 tract’ has the meaning given such term in section  
16 8701(4) of title 41, United States Code.

17 “(2) PRIME CONTRACTOR.—The term ‘prime  
18 contractor’ has the meaning given such term in sec-  
19 tion 8701(5) of title 41, United States Code.

20 “(3) SIMPLIFIED ACQUISITION THRESHOLD.—  
21 The term ‘simplified acquisition threshold’ has the  
22 meaning given such term in section 134 of title 41,  
23 United States Code.

24 “(4) MICRO-PURCHASE THRESHOLD.—The  
25 term ‘micro-purchase threshold’ has the meaning

1 given such term in section 1902 of title 41, United  
2 States Code.

3 “(5) TOTAL PURCHASES AND CONTRACTS FOR  
4 PROPERTY AND SERVICES.—The term ‘total pur-  
5 chases and contracts for property and services’ shall  
6 mean total number and total dollar amount of con-  
7 tracts and orders for property and services.”.

8 (c) CONFORMING AMENDMENT.—Section  
9 15(a)(1)(C) of the Small Business Act (15 U.S.C.  
10 644(a)(1)(C)) is amended by striking “total purchase and  
11 contracts for goods and services” and inserting “total pur-  
12 chases and contracts for goods and services”.

13 **SEC. 1703. IMPROVING REPORTING ON SMALL BUSINESS**  
14 **GOALS.**

15 (a) IN GENERAL.—Section 15(h)(2)(E) of the Small  
16 Business Act (15 U.S.C. 644(h)(2)(E)) is amended—

17 (1) in clause (i)—

18 (A) in subclause (III), by striking “and” at  
19 the end; and

20 (B) by adding at the end the following new  
21 subclauses:

22 “(V) that were purchased by an-  
23 other entity after the initial contract  
24 was awarded and as a result of the  
25 purchase, would no longer be deemed

1 to be small business concerns for pur-  
2 poses of the initial contract; and

3 “(VI) that were awarded using a  
4 procurement method that restricted  
5 competition to small business concerns  
6 owned and controlled by service-dis-  
7 abled veterans, qualified HUBZone  
8 small business concerns, small busi-  
9 ness concerns owned and controlled by  
10 socially and economically disadvan-  
11 taged individuals, small business con-  
12 cerns owned and controlled by women,  
13 or a subset of any such concerns;”;

14 (2) in clause (ii)—

15 (A) in subclause (IV), by striking “and” at  
16 the end; and

17 (B) by adding at the end the following new  
18 subclauses:

19 “(VI) that were purchased by an-  
20 other entity after the initial contract  
21 was awarded and as a result of the  
22 purchase, would no longer be deemed  
23 to be small business concerns owned  
24 and controlled by service-disabled vet-



1 erans for purposes of the initial con-  
2 tract; and

3 “(VII) that were awarded using a  
4 procurement method that restricted  
5 competition to qualified HUBZone  
6 small business concerns, small busi-  
7 ness concerns owned and controlled by  
8 socially and economically disadvan-  
9 tagged individuals, small business con-  
10 cerns owned and controlled by women,  
11 or a subset of any such concerns;”;

12 (3) in clause (iii)—

13 (A) in subclause (V), by striking “and” at  
14 the end; and

15 (B) by adding at the end the following new  
16 subclauses:

17 “(VII) that were purchased by  
18 another entity after the initial con-  
19 tract was awarded and as a result of  
20 the purchase, would no longer be  
21 deemed to be qualified HUBZone  
22 small business concerns for purposes  
23 of the initial contract; and

24 “(VIII) that were awarded using  
25 a procurement method that restricted

1 competition to small business concerns  
2 owned and controlled by service-dis-  
3 abled veterans, small business con-  
4 cerns owned and controlled by socially  
5 and economically disadvantaged indi-  
6 viduals, small business concerns  
7 owned and controlled by women, or a  
8 subset of any such concerns;”;

9 (4) in clause (iv)—

10 (A) in subclause (V), by striking “and” at  
11 the end; and

12 (B) by adding at the end the following new  
13 subclauses:

14 “(VII) that were purchased by  
15 another entity after the initial con-  
16 tract was awarded and as a result of  
17 the purchase, would no longer be  
18 deemed to be small business concerns  
19 owned and controlled by socially and  
20 economically disadvantaged individ-  
21 uals for purposes of the initial con-  
22 tract; and

23 “(VIII) that were awarded using  
24 a procurement method that restricted  
25 competition to small business concerns

1 owned and controlled by service-dis-  
2 abled veterans, qualified HUBZone  
3 small business concerns, small busi-  
4 ness concerns owned and controlled by  
5 women, or a subset of any such con-  
6 cerns;”;

7 (5) in clause (v)—

8 (A) in subclause (IV), by striking “and” at  
9 the end;

10 (B) in subclause (V), by inserting “and” at  
11 the end; and

12 (C) by adding at the end the following new  
13 subclause:

14 “(VI) that were purchased by an-  
15 other entity after the initial contract  
16 was awarded and as a result of the  
17 purchase, would no longer be deemed  
18 to be small business concerns owned  
19 by an Indian tribe other than an Alas-  
20 ka Native Corporation for purposes of  
21 the initial contract;”;

22 (6) in clause (vi)—

23 (A) in subclause (IV), by striking “and” at  
24 the end;

1 (B) in subclause (V), by inserting “and” at  
2 the end; and

3 (C) by adding at the end the following new  
4 subclause:

5 “(VI) that were purchased by an-  
6 other entity after the initial contract  
7 was awarded and as a result of the  
8 purchase, would no longer be deemed  
9 to be small business concerns owned  
10 by a Native Hawaiian Organization  
11 for purposes of the initial contract;”;

12 (7) in clause (vii)—

13 (A) in subclause (IV), by striking “and” at  
14 the end; and

15 (B) by adding at the end the following new  
16 subclause:

17 “(VI) that were purchased by an-  
18 other entity after the initial contract  
19 was awarded and as a result of the  
20 purchase, would no longer be deemed  
21 to be small business concerns owned  
22 by an Alaska Native Corporation for  
23 purposes of the initial contract; and”;

24 and

25 (8) in clause (viii)—

1 (A) in subclause (VII), by striking “and”  
2 at the end;

3 (B) in subclause (VIII), by striking “and”  
4 at the end; and

5 (C) by adding at the end the following new  
6 subclauses:

7 “(IX) that were purchased by an-  
8 other entity after the initial contract  
9 was awarded and as a result of the  
10 purchase, would no longer be deemed  
11 to be small business concerns owned  
12 and controlled by women for purposes  
13 of the initial contract; and

14 “(X) that were awarded using a  
15 procurement method that restricted  
16 competition to small business concerns  
17 owned and controlled by service-dis-  
18 abled veterans, qualified HUBZone  
19 small business concerns, small busi-  
20 ness concerns owned and controlled by  
21 socially and economically disadvan-  
22 taged individuals, or a subset of any  
23 such concerns; and”.

24 (b) EFFECTIVE DATE.—The Administrator of the  
25 Small Business Administration shall be required to report

1 on the information required by clauses (i)(V), (ii)(VI),  
2 (iii)(VII), (iv)(VII), (v)(VI), (vi)(VI), (vii)(VI), and  
3 (viii)(IX) of section 15(h)(2)(E) of the Small Business Act  
4 (15 U.S.C. 644(h)(2)(E)) beginning on the date that such  
5 information is available in the Federal Procurement Data  
6 System, the System for Award Management, or any new  
7 or successor system.

8 **SEC. 1704. RESPONSIBILITIES OF BUSINESS OPPORTUNITY**  
9 **SPECIALISTS.**

10 Section 4(g) of the Small Business Act (15 U.S.C.  
11 633(g)) is amended to read as follows:

12 “(g) BUSINESS OPPORTUNITY SPECIALISTS.—

13 “(1) DUTIES.—The exclusive duties of a Busi-  
14 ness Opportunity Specialist employed by the Admin-  
15 istrator and reporting to the senior official appointed  
16 by the Administrator with responsibilities under sec-  
17 tions 8, 15, 31, and 36 (or the designee of such offi-  
18 cial) shall be to implement sections 7, 8, and 45 and  
19 to complete other duties related to contracting pro-  
20 grams under this Act. Such duties shall include—

21 “(A) with respect to small business con-  
22 cerns eligible to receive contracts and sub-  
23 contracts pursuant to section 8(a)—

24 “(i) providing guidance, counseling,  
25 and referrals for assistance with technical,

1 management, financial, or other matters  
2 that will improve the competitive viability  
3 of such concerns;

4 “(ii) identifying causes of success or  
5 failure of such concerns;

6 “(iii) providing comprehensive assess-  
7 ments of such concerns, including identi-  
8 fying the strengths and weaknesses of such  
9 concerns;

10 “(iv) monitoring and documenting  
11 compliance with the requirements of sec-  
12 tions 7 and 8 and any regulations imple-  
13 menting those sections;

14 “(v) explaining the requirements of  
15 sections 7, 8, 15, 31, 36, and 45; and

16 “(vi) advising on compliance with con-  
17 tracting regulations (including the Federal  
18 Acquisition Regulation) after award of  
19 such a contract or subcontract;

20 “(B) reviewing and monitoring compliance  
21 with mentor-protege agreements under section  
22 45;

23 “(C) representing the interests of the Ad-  
24 ministrator and small business concerns in the  
25 award, modification, and administration of con-

1 tracts and subcontracts awarded pursuant to  
2 section 8(a); and

3 “(D) reporting fraud or abuse under sec-  
4 tion 7, 8, 15, 31, 36, or 45 or any regulations  
5 implementing such sections.

6 “(2) CERTIFICATION REQUIREMENTS.—

7 “(A) IN GENERAL.—Consistent with the  
8 requirements of subparagraph (B), a Business  
9 Opportunity Specialist described under section  
10 7(j)(10)(D) shall have a Level I Federal Acqui-  
11 sition Certification in Contracting (or any suc-  
12 cessor certification) or the equivalent Depart-  
13 ment of Defense certification.

14 “(B) DELAY OF CERTIFICATION REQUIRE-  
15 MENT.—The certification described in subpara-  
16 graph (A) is not required—

17 “(i) for any person serving as a Busi-  
18 ness Opportunity Specialist on the date of  
19 the enactment of this subsection, until the  
20 date that is one calendar year after the  
21 date such person was appointed as a Busi-  
22 ness Opportunity Specialist; or

23 “(ii) for any person serving as a Busi-  
24 ness Opportunity Specialist on or before  
25 January 3, 2013, until January 3, 2020.



1           “(3) JOB POSTING REQUIREMENTS.—The du-  
2 ties and certification requirements described in this  
3 subsection shall be included in any initial job posting  
4 for the position of a Business Opportunity Spe-  
5 cialist.”.

6 **SEC. 1705. RESPONSIBILITIES OF COMMERCIAL MARKET**  
7 **REPRESENTATIVES.**

8           Section 4(h) of the Small Business Act (15 U.S.C.  
9 633(h)) is amended to read as follows:

10          “(h) COMMERCIAL MARKET REPRESENTATIVES.—

11           “(1) DUTIES.—The principal duties of a com-  
12 mercial market representative employed by the Ad-  
13 ministrator and reporting to the senior official ap-  
14 pointed by the Administrator with responsibilities  
15 under sections 8, 15, 31, and 36 (or the designee of  
16 the official) shall be to advance the policies estab-  
17 lished in section 8(d)(1) relating to subcontracting,  
18 including—

19           “(A) helping prime contractors to find  
20 small business concerns that are capable of per-  
21 forming subcontracts;

22           “(B) for contractors awarded contracts  
23 containing the clause described in section  
24 8(d)(3), providing—

1 “(i) counseling on the responsibility of  
2 the contractor to maximize subcontracting  
3 opportunities for small business concerns;

4 “(ii) instruction on methods and tools  
5 to identify potential subcontractors that  
6 are small business concerns; and

7 “(iii) assistance to increase awards to  
8 subcontractors that are small business con-  
9 cerns through visits, training, and reviews  
10 of past performance;

11 “(C) providing counseling on how a small  
12 business concern may promote the capacity of  
13 the small business concern to contractors  
14 awarded contracts containing the clause de-  
15 scribed in section 8(d)(3); and

16 “(D) conducting periodic reviews of con-  
17 tractors awarded contracts containing the  
18 clause described in section 8(d)(3) to assess  
19 compliance with subcontracting plans required  
20 under section 8(d)(6).

21 “(2) CERTIFICATION REQUIREMENTS.—

22 “(A) IN GENERAL.—Consistent with the  
23 requirements of subparagraph (B), a commer-  
24 cial market representative referred to in section  
25 15(q)(3) shall have a Level I Federal Acquisi-

1           tion Certification in Contracting (or any suc-  
2           cessor certification) or the equivalent Depart-  
3           ment of Defense certification.

4           “(B) DELAY OF CERTIFICATION REQUIRE-  
5           MENT.—The certification described in subpara-  
6           graph (A) is not required—

7                   “(i) for any person serving as a com-  
8                   mercial market representative on the date  
9                   of enactment of this subsection, until the  
10                  date that is one calendar year after the  
11                  date on which the person was appointed as  
12                  a commercial market representative; or

13                   “(ii) for any person serving as a com-  
14                   mercial market representative on or before  
15                  November 25, 2015, until November 25,  
16                  2020.

17           “(3) JOB POSTING REQUIREMENTS.—The du-  
18           ties and certification requirements described in this  
19           subsection shall be included in any initial job posting  
20           for the position of a commercial market representa-  
21           tive.”.

1 **SEC. 1706. MODIFICATION OF PAST PERFORMANCE PILOT**  
2 **PROGRAM TO INCLUDE CONSIDERATION OF**  
3 **PAST PERFORMANCE WITH ALLIES OF THE**  
4 **UNITED STATES.**

5 (a) IN GENERAL.—Section 8(d)(17) of the Small  
6 Business Act (15 U.S.C. 637(d)(17)) is amended—

7 (1) in subparagraph (G)—

8 (A) in clause (i), by inserting “and, set  
9 forth separately, the number of small business  
10 exporters,” after “small business concerns”;  
11 and

12 (B) in clause (ii), by inserting “, set forth  
13 separately by applications from small business  
14 concerns and from small business exporters,”  
15 after “applications”; and

16 (2) by amending subparagraph (H) to read as  
17 follows:

18 “(H) DEFINITIONS.—In this paragraph—

19 “(i) the term ‘appropriate official’ means—

20 “(I) a commercial market representa-  
21 tive;

22 “(II) another individual designated by  
23 the senior official appointed by the Admin-  
24 istrator with responsibilities under sections  
25 8, 15, 31, and 36; or

1           “(III) the Office of Small and Dis-  
2           advantaged Business Utilization of a Fed-  
3           eral agency, if the head of the Federal  
4           agency and the Administrator agree;

5           “(ii) the term ‘defense item’ has the mean-  
6           ing given that term in section 38(j)(4)(A) of the  
7           Arms Export Control Act (22 U.S.C.  
8           2778(j)(4)(A));

9           “(iii) the term ‘major non-NATO ally’  
10          means a country designated as a major non-  
11          NATO ally under section 517 of the Foreign  
12          Assistance Act of 1961 (22 U.S.C. 2321k);

13          “(iv) the term ‘past performance’ includes  
14          performance of a contract for a sale of defense  
15          items (under section 38 of the Arms Export  
16          Control Act (22 U.S.C. 2778)) to the govern-  
17          ment of a member nation of North Atlantic  
18          Treaty Organization, the government of a  
19          major non-NATO ally, or the government of a  
20          country with which the United States has a de-  
21          fense cooperation agreement (as certified by the  
22          Secretary of State); and

23          “(v) the term ‘small business exporter’  
24          means a small business concern that exports de-  
25          fense items under section 38 of the Arms Ex-

1 port Control Act (22 U.S.C. 2778) to the gov-  
2 ernment of a member nation of the North At-  
3 lantic Treaty Organization, the government of a  
4 major non-NATO ally, or the government of a  
5 country with which the United States has a de-  
6 fense cooperation agreement (as certified by the  
7 Secretary of State).”.

8 (b) TECHNICAL AMENDMENT.—Section 8(d)(17)(A)  
9 of the Small Business Act (15 U.S.C. 637(d)(17)(A)) is  
10 amended by striking “paragraph 13(A)” and inserting  
11 “paragraph (13)(A)”.

12 **SEC. 1707. NOTICE OF COST-FREE FEDERAL PROCUREMENT**  
13 **TECHNICAL ASSISTANCE IN CONNECTION**  
14 **WITH REGISTRATION OF SMALL BUSINESS**  
15 **CONCERNS ON PROCUREMENT WEBSITES OF**  
16 **THE DEPARTMENT OF DEFENSE.**

17 (a) IN GENERAL.—The Secretary of Defense shall es-  
18 tablish procedures to ensure that any notice or direct com-  
19 munication regarding the registration of a small business  
20 concern on a website maintained by the Department of  
21 Defense relating to contracting opportunities contains in-  
22 formation about cost-free Federal procurement technical  
23 assistance services that are available through a procure-  
24 ment technical assistance program established under chap-  
25 ter 142 of title 10, United States Code.

1 (b) SMALL BUSINESS CONCERN DEFINED.—The  
2 term “small business concern” has the meaning given such  
3 term under section 3 of the Small Business Act (15 U.S.C.  
4 632).

5 **SEC. 1708. INCLUSION OF SBIR AND STTR PROGRAMS IN**  
6 **TECHNICAL ASSISTANCE.**

7 Subsection (c) of section 2418 of title 10, United  
8 States Code, is amended—

9 (1) by striking “issued under” and inserting the  
10 following: “issued—

11 “(1) under”;

12 (2) by striking “and on” and inserting “, and  
13 on”;

14 (3) by striking “requirements.” and inserting  
15 “requirements; and”; and

16 (4) by adding at the end the following new  
17 paragraph:

18 “(2) under section 9 of the Small Business Act  
19 (15 U.S.C. 638), and on compliance with those re-  
20 quirements.”.

1 **SEC. 1709. REQUIREMENTS RELATING TO COMPETITIVE**  
2 **PROCEDURES AND JUSTIFICATION FOR**  
3 **AWARDS UNDER THE SBIR AND STTR PRO-**  
4 **GRAMS.**

5 (a) IN GENERAL.—Section 9(r)(4) of the Small Busi-  
6 ness Act (15 U.S.C. 638(r)(4)) is amended by striking  
7 “shall issue Phase III awards” and inserting the following:  
8 “shall—

9 “(A) consider an award under the SBIR  
10 program or the STTR program to satisfy the  
11 requirements under section 2304 of title 10,  
12 United States Code, and any other applicable  
13 competition requirements; and

14 “(B) issue, without further justification,  
15 Phase III awards”.

16 (b) CONFORMING AMENDMENTS.—

17 (1) SMALL BUSINESS ACT.—Section 9(r) of the  
18 Small Business Act (15 U.S.C. 638(r)) is amend-  
19 ed—

20 (A) in the subsection heading, by inserting  
21 “, COMPETITIVE PROCEDURES, AND JUSTIFICA-  
22 TION FOR AWARDS” after “AGREEMENTS”; and

23 (B) by amending the heading for para-  
24 graph (4) to read as follows: “COMPETITIVE  
25 PROCEDURES AND JUSTIFICATION FOR  
26 AWARDS”.



1           (2) TITLE 10.—Section 2304(f) of title 10,  
2 United States Code, is amended—

3           (A) in paragraph (1), by inserting “and  
4 paragraph (6)” after “paragraph (2)”; and

5           (B) by adding at the end the following new  
6 paragraph:

7           “(6) The justification and approval required by  
8 paragraph (1) is not required in the case of a Phase  
9 III award made pursuant to section 9(r)(4) of the  
10 Small Business Act (15 U.S.C. 638(r)(4)).”.

11 **SEC. 1710. PILOT PROGRAM FOR STREAMLINED TECH-**  
12 **NOLOGY TRANSITION FROM THE SBIR AND**  
13 **STTR PROGRAMS OF THE DEPARTMENT OF**  
14 **DEFENSE.**

15 (a) DEFINITIONS.—In this section—

16           (1) the terms “commercialization”, “Federal  
17 agency”, “Phase I”, “Phase II”, “Phase III”,  
18 “SBIR”, and “STTR” have the meanings given  
19 those terms in section 9(e) of the Small Business  
20 Act (15 U.S.C. 638(e));

21           (2) the term “covered small business concern”  
22 means—

23           (A) a small business concern that com-  
24 pleted a Phase II award under the SBIR or  
25 STTR program of the Department; or

1 (B) a small business concern that—

2 (i) completed a Phase I award under  
3 the SBIR or STTR program of the De-  
4 partment; and

5 (ii) a contracting officer for the De-  
6 partment recommended for inclusion in a  
7 multiple award contract described in sub-  
8 section (b);

9 (1) the term “Department” means the Depart-  
10 ment of Defense;

11 (2) the term “military department” has the  
12 meaning given the term in section 101 of title 10,  
13 United States Code;

14 (3) the term “multiple award contract” has the  
15 meaning given the term in section 3302(a) of title  
16 41, United States Code;

17 (4) the term “pilot program” means the pilot  
18 program established under subsection (b); and

19 (5) the term “small business concern” has the  
20 meaning given the term in section 3 of the Small  
21 Business Act (15 U.S.C. 632).

22 (b) ESTABLISHMENT.—Not later than 180 days after  
23 the date of enactment of this Act, the Secretary of Defense  
24 shall establish a pilot program under which the Depart-  
25 ment shall award multiple award contracts to covered

1 small business concerns for the purchase of technologies,  
2 supplies, or services that the covered small business con-  
3 cern has developed through the SBIR or STTR program.

4 (c) WAIVER OF COMPETITION IN CONTRACTING ACT  
5 REQUIREMENTS.—The Secretary of Defense may estab-  
6 lish procedures to waive provisions of section 2304 of title  
7 10, United States Code, for purposes of carrying out the  
8 pilot program.

9 (d) USE OF CONTRACT VEHICLE.—A multiple award  
10 contract described in subsection (b) may be used by any  
11 military department or component of the Department.

12 (e) TERMINATION.—The pilot program established  
13 under this section shall terminate on September 30, 2023.

14 (f) RULE OF CONSTRUCTION.—Nothing in this sec-  
15 tion shall be construed to prevent the commercialization  
16 of products and services produced by a small business con-  
17 cern under an SBIR or STTR program of a Federal agen-  
18 cy through—

19 (1) direct awards for Phase III of an SBIR or  
20 STTR program; or

21 (2) any other contract vehicle.

1 **SEC. 1711. PILOT PROGRAM ON STRENGTHENING MANU-**  
2 **FACTURING IN THE DEFENSE INDUSTRIAL**  
3 **BASE.**

4 (a) **PILOT PROGRAM REQUIRED.**—The Secretary of  
5 Defense shall carry out a pilot program to assess the feasi-  
6 bility and advisability of increasing the capability of the  
7 defense industrial base to support—

8 (1) production needs to meet military require-  
9 ments; and

10 (2) manufacturing and production of emerging  
11 defense and commercial technologies.

12 (b) **AUTHORITIES.**—The Secretary shall carry out the  
13 pilot program under the following:

14 (1) Chapters 137 and 139 and sections 2371,  
15 2371b, and 2373 of title 10, United States Code.

16 (2) Such other legal authorities as the Sec-  
17 retary considers applicable to carrying out the pilot  
18 program.

19 (c) **ACTIVITIES.**—Activities under the pilot program  
20 may include the following:

21 (1) Use of contracts, grants, or other trans-  
22 action authorities to support manufacturing and  
23 production capabilities in small- and medium-sized  
24 manufacturers.

25 (2) Purchases of goods or equipment for testing  
26 and certification purposes.

1           (3) Incentives, including purchase commitments  
2           and cost sharing with nongovernmental sources, for  
3           the private sector to develop manufacturing and pro-  
4           duction capabilities in areas of national security in-  
5           terest.

6           (4) Issuing loans or providing loan guarantees  
7           to small- and medium-sized manufacturers to sup-  
8           port manufacturing and production capabilities in  
9           areas of national security interest.

10          (5) Giving awards to third party entities to sup-  
11          port investments in small- and medium-sized manu-  
12          facturers working in areas of national security inter-  
13          est, including debt and equity investments that  
14          would benefit missions of the Department of De-  
15          fense.

16          (6) Such other activities as the Secretary deter-  
17          mines necessary.

18          (d) **TERMINATION.**—The pilot program shall termi-  
19          nate on the date that is four years after the date of the  
20          enactment of this Act.

21          (e) **BRIEFING REQUIRED.**—No later than January  
22          31, 2022, the Secretary of Defense shall provide a briefing  
23          to the Committees on Armed Services in the Senate and  
24          the House of Representatives on the results of the pilot  
25          program.

1 **SEC. 1712. REVIEW REGARDING APPLICABILITY OF FOR-**  
2 **EIGN OWNERSHIP, CONTROL, OR INFLUENCE**  
3 **REQUIREMENTS OF NATIONAL INDUSTRIAL**  
4 **SECURITY PROGRAM TO NATIONAL TECH-**  
5 **NOLOGY AND INDUSTRIAL BASE COMPANIES.**

6 (a) REVIEW.—The Secretary of Defense, with the  
7 concurrence of the Secretary of State and after consulta-  
8 tion with the Director of the Information Security Over-  
9 sight Office, shall review whether organizations whose  
10 ownership or majority control is based in a country that  
11 is part of the national technology and industrial base  
12 should be exempted from one or more of the foreign own-  
13 ership, control, or influence requirements of the National  
14 Industrial Security Program.

15 (b) AUTHORITY.—The Secretary of Defense may es-  
16 tablish a program to exempt organizations described under  
17 subsection (a) from one or more of the foreign ownership,  
18 control, or influence requirements of the National Indus-  
19 trial Security Program. Any such program shall comply  
20 with the requirements of this subsection.

21 (1) IN GENERAL.—Under a program estab-  
22 lished under this subsection, the Secretary, with the  
23 concurrence of the Secretary of State and after con-  
24 sultation with the Director of the Information Secu-  
25 rity Oversight Office, shall maintain a list of organi-  
26 zations owned or controlled by a country that is part

1 of the national technology and industrial base that  
2 are eligible for exemption from the requirements de-  
3 scribed under such subsection.

4 (2) DETERMINATIONS OF ELIGIBILITY.—Under  
5 a program established under this subsection, the  
6 Secretary of Defense, with the concurrence of the  
7 Secretary of State and after consultation with the  
8 Director of the Information Security Oversight Of-  
9 fice, may (on a case-by-case basis and for the pur-  
10 pose of supporting specific needs of the Department  
11 of Defense) designate an organization whose owner-  
12 ship or majority control is based in a country that  
13 is part of the national technology and industrial base  
14 as exempt from the requirements described under  
15 subsection (a) upon a determination that such ex-  
16 emption—

17 (A) is beneficial to improving collaboration  
18 within countries that are a part of the national  
19 technology and industrial base;

20 (B) is in the national security interest of  
21 the United States; and

22 (C) will not result in a greater risk of the  
23 disclosure of classified or sensitive information  
24 consistent with the National Industrial Security  
25 Program.

1           (3) EXERCISE OF AUTHORITY.—The authority  
2           under this subsection may be exercised beginning on  
3           the date that is the later of—

4                   (A) the date that is 60 days after the Sec-  
5                   retary of Defense, in consultation with the Sec-  
6                   retary of State and the Director of the Informa-  
7                   tion Security Oversight Office, submits to the  
8                   appropriate congressional committees a report  
9                   summarizing the review conducted under sub-  
10                  section (a); and

11                   (B) the date that is 30 days after the Sec-  
12                   retary of Defense, in consultation with the Sec-  
13                   retary of State and the Director of the Informa-  
14                   tion Security Oversight Office, submits to the  
15                   appropriate congressional committees a written  
16                   notification of a determination made under  
17                   paragraph (2), including a discussion of the  
18                   issues related to the foreign ownership or con-  
19                   trol of the organization that were considered as  
20                   part of the determination.

21           (c) DEFINITIONS.—In this section:

22                   (1) APPROPRIATE CONGRESSIONAL COMMIT-  
23                   TEES.—The term “appropriate congressional com-  
24                   mittees” has the meaning given the term in section  
25                   301 of title 10, United States Code.



1           (2) NATIONAL TECHNOLOGY AND INDUSTRIAL  
2           BASE.—the term “national technology and industrial  
3           base” has the meaning given the term in section  
4           2500 of title 10, United States Code.

5 **SEC. 1713. REPORT ON SOURCING OF TUNGSTEN AND**  
6           **TUNGSTEN POWDERS FROM DOMESTIC PRO-**  
7           **DUCERS.**

8           (a) REPORT.—Not later than one year after the date  
9           of the enactment of this Act, the Secretary of Defense  
10          shall submit to the congressional defense committees a re-  
11          port on the procurement of tungsten and tungsten pow-  
12          ders for military applications.

13          (b) ELEMENTS.—The report under subsection (a)  
14          shall include the following:

15               (1) An overview of the quantities and countries  
16               of origin of tungsten and tungsten powders that are  
17               procured by the Department of Defense or prime  
18               contractors of the Department for military applica-  
19               tions.

20               (2) An evaluation of the effects on the Depart-  
21               ment if the Secretary of Defense prioritizes the pro-  
22               curement of tungsten and tungsten powders from  
23               only domestic producers.

1           (3) An evaluation of the effects on the Depart-  
2           ment if tungsten and tungsten powders are required  
3           to be procured from only domestic producers.

4           (4) An estimate of any costs associated with do-  
5           mestic sourcing requirements related to tungsten  
6           and tungsten powders.

7   **SEC. 1714. REPORT ON UTILIZATION OF SMALL BUSINESS**

8                           **CONCERNS FOR FEDERAL CONTRACTS.**

9           (a) FINDINGS.—Congress finds that—

10           (1) since the passage of the Budget Control Act  
11           of 2011 (Public Law 112–25; 125 Stat. 240), many  
12           Federal agencies have started favoring longer-term  
13           Federal contracts, including multiple award con-  
14           tracts, over direct individual awards;

15           (2) these multiple award contracts have grown  
16           to more than one-fifth of Federal contract spending,  
17           with the fastest growing multiple award contracts  
18           each surpassing \$100,000,000 in obligations for the  
19           first time between 2013 and 2014;

20           (3) in fiscal year 2017, 17 of the 20 largest  
21           Federal contract opportunities are multiple award  
22           contracts;

23           (4) while Federal agencies may choose to use  
24           any or all of the various socioeconomic groups on a  
25           multiple award contract, the Small Business Admin-

1       istration only examines the performance of socio-  
2       economic groups through the small business procure-  
3       ment scorecard and does not examine potential op-  
4       portunities for those groups; and

5           (5) Congress and the Department of Justice  
6       have been clear that no individual socioeconomic  
7       group shall be given preference over another.

8       (b) DEFINITIONS.—In this section—

9           (1) the term “Administrator” means the Ad-  
10       ministrator of the Small Business Administration;

11           (2) the term “covered small business concerns”  
12       means—

13           (A) qualified HUBZone small business  
14       concerns;

15           (B) small business concerns owned and  
16       controlled by service-disabled veterans;

17           (C) small business concerns owned and  
18       controlled by women; and

19           (D) small business concerns owned and  
20       controlled by socially and economically dis-  
21       advantaged individuals, as defined under sec-  
22       tion 8(d)(3)(C) of the Small Business Act (15  
23       U.S.C. 637(d)(3)(C)); and

24           (3) the terms “qualified HUBZone small busi-  
25       ness concern”, “small business concern”, “small

1 business concern owned and controlled by service-  
2 disabled veterans”, and “small business concern  
3 owned and controlled by women” have the meanings  
4 given those terms in section 3 of the Small Business  
5 Act (15 U.S.C. 632).

6 (c) REPORT.—

7 (1) IN GENERAL.—Not later than 180 days  
8 after the date of enactment of this Act, the Adminis-  
9 trator shall submit to the Committee on Small Busi-  
10 ness and Entrepreneurship of the Senate and the  
11 Committee on Small Business of the House of Rep-  
12 resentatives a report that includes—

13 (A) a determination as to whether small  
14 business concerns and each category of covered  
15 small business concern are being utilized in a  
16 significant portion of the multiple award con-  
17 tracts awarded by the Federal Government, in-  
18 cluding—

19 (i) whether awards are reserved for  
20 concerns in 1 or more of those categories;  
21 and

22 (ii) whether concerns in each such  
23 category are given the opportunity to per-  
24 form on multiple award contracts;

1 (B) a determination as to whether per-  
2 formance requirements for multiple award con-  
3 tracts, as in effect on the day before the date  
4 of enactment of this Act, are feasible and ap-  
5 propriate for small business concerns and cov-  
6 ered small business concerns; and

7 (C) any additional information as the Ad-  
8 ministrator may determine necessary.

9 (2) REQUIREMENT.—In making the determina-  
10 tions required under paragraph (1), the Adminis-  
11 trator shall use information—

12 (A) from multiple award contracts with  
13 varied assigned North American Industry Clas-  
14 sification System codes; and

15 (B) about the awards of multiple award  
16 contracts from not less than eight Federal  
17 agencies.

## 18 **TITLE XVIII—GOVERNMENT**

### 19 **PURCHASE AND TRAVEL CARDS**

Sec. 1801. Short title.

Sec. 1802. Definitions.

Sec. 1803. Expanded use of data analytics.

Sec. 1804. Guidance on improving information sharing to curb improper pay-  
ments.

Sec. 1805. Interagency charge card data management group.

Sec. 1806. Reporting requirements.

1 **SEC. 1801. SHORT TITLE.**

2 This title may be cited as the “Saving Federal Dol-  
3 lars Through Better Use of Government Purchase and  
4 Travel Cards Act of 2017”.

5 **SEC. 1802. DEFINITIONS.**

6 In this title:

7 (1) **IMPROPER PAYMENT.**—The term “improper  
8 payment” has the meaning given the term in section  
9 2 of the Improper Payments Information Act of  
10 2002 (31 U.S.C. 3321 note).

11 (2) **QUESTIONABLE TRANSACTION.**—The term  
12 “questionable transaction” means a charge card  
13 transaction that from initial card data appears to be  
14 high risk and may therefore be improper due to non-  
15 compliance with applicable law, regulation or policy.

16 (3) **STRATEGIC SOURCING.**—The term “stra-  
17 tegic sourcing” means analyzing and modifying a  
18 Federal agency’s spending patterns to better lever-  
19 age its purchasing power, reduce costs, and improve  
20 overall performance.

21 **SEC. 1803. EXPANDED USE OF DATA ANALYTICS.**

22 (a) **STRATEGY.**—Not later than 180 days after the  
23 date of the enactment of this Act, the Director of the Of-  
24 fice of Management and Budget, in consultation with the  
25 Administrator for General Services, shall develop a strat-  
26 egy to expand the use of data analytics in managing gov-

1 ernment purchase and travel charge card programs. These  
2 analytics may employ existing General Services Adminis-  
3 tration capabilities, and may be in conjunction with agen-  
4 cies' capabilities, for the purpose of—

5 (1) identifying examples or patterns of ques-  
6 tionable transactions and developing enhanced tools  
7 and methods for agency use in—

8 (A) identifying questionable purchase and  
9 travel card transactions; and

10 (B) recovering improper payments made  
11 with purchase and travel cards;

12 (2) identifying potential opportunities for agen-  
13 cies to further leverage administrative process  
14 streamlining and cost reduction from purchase and  
15 travel card use, including additional agency opportu-  
16 nities for card-based strategic sourcing;

17 (3) developing a set of purchase and travel card  
18 metrics and benchmarks for high-risk activities,  
19 which shall assist agencies in identifying potential  
20 emphasis areas for their purchase and travel card  
21 management and oversight activities, including those  
22 required by the Government Charge Card Abuse  
23 Prevention Act of 2012 (Public Law 112–194); and

24 (4) developing a plan, which may be based on  
25 existing capabilities, to create a library of analytics

1 tools and data sources for use by Federal agencies  
2 (including inspectors general of those agencies).

3 **SEC. 1804. GUIDANCE ON IMPROVING INFORMATION SHAR-**  
4 **ING TO CURB IMPROPER PAYMENTS.**

5 (a) IN GENERAL.—Not later than 180 days after the  
6 date of the enactment of this Act, the Director of the Of-  
7 fice of Management and Budget, in consultation with the  
8 Administrator of General Services and the interagency  
9 charge card data management group established under  
10 section 1805, shall issue guidance on improving informa-  
11 tion sharing by government agencies for the purposes of  
12 section 1803(a)(1).

13 (b) ELEMENTS.—The guidance issued under sub-  
14 section (a) shall—

15 (1) require relevant officials at Federal agencies  
16 to identify high-risk activities and communicate that  
17 information to the appropriate management levels  
18 within the agencies;

19 (2) require that appropriate officials at Federal  
20 agencies review the reports issued by charge card-  
21 issuing banks on questionable transaction activity  
22 (such as purchase and travel card pre-suspension  
23 and suspension reports, delinquency reports, and ex-  
24 ception reports), including transactions that occur



1 with high-risk activities, and suspicious timing or  
2 amounts of cash withdrawals or advances;

3 (3) provide for the appropriate sharing of infor-  
4 mation related to potential questionable trans-  
5 actions, fraud schemes, and high-risk activities with  
6 the General Services Administration and the appro-  
7 priate officials in Federal agencies;

8 (4) consider the recommendations made by In-  
9 spectors General or the best practices Inspectors  
10 General have identified; and

11 (5) include other requirements determined ap-  
12 propriate by the Director for the purposes of car-  
13 rying out this title.

14 **SEC. 1805. INTERAGENCY CHARGE CARD DATA MANAGE-**  
15 **MENT GROUP.**

16 (a) ESTABLISHMENT.—The Administrator of General  
17 Services and the Director of the Office of Management  
18 and Budget shall establish a purchase and travel charge  
19 card data management group to develop and share best  
20 practices for the purposes described in section 1803(a).

21 (b) ELEMENTS.—The best practices developed under  
22 subsection (a) shall—

23 (1) cover rules, edits, and task order or con-  
24 tract modifications related to charge card-issuing  
25 banks;

1           (2) include the review of accounts payable infor-  
2           mation and purchase and travel card transaction  
3           data of agencies for the purpose of identifying po-  
4           tential strategic sourcing and other additional oppor-  
5           tunities (such as recurring payments, utility pay-  
6           ments, and grant payments) for which the charge  
7           cards or related payment products could be used as  
8           a payment method; and

9           (3) include other best practices as determined  
10          by the Administrator and Director.

11          (c) MEMBERSHIP.—The purchase and travel charge  
12          card data management group shall meet regularly as de-  
13          termined by the co-chairs, for a duration of three years,  
14          and include those agencies as described in section 2 of the  
15          Government Charge Card Abuse Prevention Act of 2012  
16          (Public Law 112–194) and others identified by the Ad-  
17          ministrator and Director.

18          **SEC. 1806. REPORTING REQUIREMENTS.**

19          (a) GENERAL SERVICES ADMINISTRATION RE-  
20          PORT.—Not later than one year after the date of the en-  
21          actment of this Act, the Administrator for General Serv-  
22          ices shall submit to the Committee on Homeland Security  
23          and Governmental Affairs of the Senate and the Com-  
24          mittee on Oversight and Government Reform of the House  
25          of Representatives a report on the implementation of this

1 title, including the metrics used in determining whether  
2 the analytic and benchmarking efforts have reduced, or  
3 contributed to the reduction of, questionable transactions  
4 or improper payments as well as improved utilization of  
5 card-based payment products.

6 (b) AGENCY REPORTS AND CONSOLIDATED REPORT  
7 TO CONGRESS.—Not later than one year after the date  
8 of the enactment of this Act, the head of each Federal  
9 agency described in section 2 of the Government Charge  
10 Card Abuse Prevention Act of 2012 (Public Law 112–  
11 194) shall submit a report to the Director of the Office  
12 of Management and Budget on that agency’s activities to  
13 implement this title.

14 (c) OFFICE OF MANAGEMENT AND BUDGET REPORT  
15 TO CONGRESS.—The Director of the Office of Manage-  
16 ment and Budget shall submit to the Committee on Home-  
17 land Security and Governmental Affairs of the Senate and  
18 the Committee on Oversight and Government Reform of  
19 the House of Representatives a consolidated report of  
20 agency activities to implement this title, which may be in-  
21 cluded as part of another report submitted by the Director  
22 to the Committee on Homeland Security and Govern-  
23 mental Affairs of the Senate and the Committee on Over-  
24 sight and Government Reform of the House of Represent-  
25 atives.

1 (d) REPORT ON ADDITIONAL SAVINGS OPPORTUNI-  
2 TIES.—Not later than one year after the date of the enact-  
3 ment of this Act, the Administrator of General Services  
4 shall submit to the Committee on Homeland Security and  
5 Governmental Affairs of the Senate and the Committee  
6 on Oversight and Government Reform of the House of  
7 Representatives a report identifying and exploring further  
8 potential savings opportunities for government agencies  
9 under the Federal charge card programs. This report may  
10 be combined with the report required under subsection (a).

11 **DIVISION B—MILITARY CON-**  
12 **STRUCTION AUTHORIZA-**  
13 **TIONS**

14 **SEC. 2001. SHORT TITLE.**

15 This division may be cited as the “Military Construc-  
16 tion Authorization Act for Fiscal Year 2018”.

17 **SEC. 2002. EXPIRATION OF AUTHORIZATIONS AND**  
18 **AMOUNTS REQUIRED TO BE SPECIFIED BY**  
19 **LAW.**

20 (a) EXPIRATION OF AUTHORIZATIONS AFTER FIVE  
21 YEARS.—Except as provided in subsection (b), all author-  
22 izations contained in titles XXI through XXVII for mili-  
23 tary construction projects, land acquisition, family housing  
24 projects and facilities, and contributions to the North At-  
25 lantic Treaty Organization Security Investment Program

1 (and authorizations of appropriations therefor) shall ex-  
2 pire on the later of—

3 (1) October 1, 2022; or

4 (2) the date of the enactment of an Act author-  
5 izing funds for military construction for fiscal year  
6 2023.

7 (b) EXCEPTION.—Subsection (a) shall not apply to  
8 authorizations for military construction projects, land ac-  
9 quisition, family housing projects and facilities, and con-  
10 tributions to the North Atlantic Treaty Organization Se-  
11 curity Investment Program (and authorizations of appro-  
12 priations therefor), for which appropriated funds have  
13 been obligated before the later of—

14 (1) October 1, 2022; or

15 (2) the date of the enactment of an Act author-  
16 izing funds for fiscal year 2023 for military con-  
17 struction projects, land acquisition, family housing  
18 projects and facilities, or contributions to the North  
19 Atlantic Treaty Organization Security Investment  
20 Program.

21 (c) EXTENSION OF AUTHORIZATIONS OF FISCAL  
22 YEAR 2016 AND FISCAL YEAR 2017 PROJECTS.—

23 (1) FISCAL YEAR 2016 PROJECTS.—Section  
24 2002 of the Military Construction Authorization Act

1 for Fiscal Year 2016 (division B of Public Law 114–  
2 92; 129 Stat. 1145) is amended—

3 (A) in subsection (a)—

4 (i) in paragraph (1), by striking  
5 “2018” and inserting “2020”; and

6 (ii) in paragraph (2), by striking  
7 “2019” and inserting “2021”; and

8 (B) in subsection (b)—

9 (i) in paragraph (1), by striking  
10 “2018” and inserting “2020”; and

11 (ii) in paragraph (2), by striking  
12 “2019” and inserting “2021”.

13 (2) FISCAL YEAR 2017 PROJECTS.—Section  
14 2002 of the Military Construction Authorization Act  
15 for Fiscal Year 2017 (division B of Public Law 114–  
16 328; 129 Stat. 1145) is amended—

17 (A) in subsection (a)—

18 (i) in paragraph (1), by striking  
19 “2019” and inserting “2021”; and

20 (ii) in paragraph (2), by striking  
21 “2020” and inserting “2022”; and

22 (B) in subsection (b)—

23 (i) in paragraph (1), by striking  
24 “2019” and inserting “2021”; and

1 (ii) in paragraph (2), by striking  
2 “2020” and inserting “2022”.

3 **SEC. 2003. EFFECTIVE DATE.**

4 Titles XXI through XXVII and title XXIX shall take  
5 effect on the later of—

6 (1) October 1, 2017; or

7 (2) the date of the enactment of this Act.

8 **TITLE XXI—ARMY MILITARY**  
9 **CONSTRUCTION**

Sec. 2101. Authorized Army construction and land acquisition projects.

Sec. 2102. Family housing.

Sec. 2103. Improvements to military family housing units.

Sec. 2104. Authorization of appropriations, Army.

Sec. 2105. Modification of authority to carry out certain fiscal year 2014  
project.

Sec. 2106. Modification of authority to carry out certain fiscal year 2015  
project.

Sec. 2107. Extension of authorization of certain fiscal year 2014 project.

Sec. 2108. Extension of authorizations of certain fiscal year 2015 projects.

Sec. 2109. Additional authority to carry out certain fiscal year 2000, 2005,  
2006, and 2007 projects.

10 **SEC. 2101. AUTHORIZED ARMY CONSTRUCTION AND LAND**  
11 **ACQUISITION PROJECTS.**

12 (a) **INSIDE THE UNITED STATES.**—Using amounts  
13 appropriated pursuant to the authorization of appropria-  
14 tions in section 2104(a) and available for military con-  
15 struction projects inside the United States as specified in  
16 the funding table in section 4601, the Secretary of the  
17 Army may acquire real property and carry out military  
18 construction projects for the installations or locations in-

1 side the United States, and in the amounts, set forth in  
 2 the following table:

**Army: Inside the United States**

<b>State</b>	<b>Installation</b>	<b>Amount</b>
Alabama .....	Fort Rucker .....	\$38,000,000
Arizona .....	Davis-Monthan Air Force Base .....	\$22,000,000
	Fort Huachuca .....	\$30,000,000
California .....	Fort Irwin .....	\$3,000,000
Colorado .....	Fort Carson .....	\$29,300,000
Florida .....	Eglin Air Force Base .....	\$18,000,000
Georgia .....	Fort Benning .....	\$38,800,000
	Fort Gordon .....	\$51,500,000
Hawaii .....	Pohakuloa Training Area .....	\$25,000,000
Indiana .....	Crane Army Ammunition Plant .....	\$24,000,000
New York .....	U.S. Military Academy .....	\$22,000,000
South Carolina .....	Fort Jackson .....	\$60,000,000
	Shaw Air Force Base .....	\$25,000,000
Texas .....	Camp Bullis .....	\$13,600,000
	Fort Hood .....	\$70,000,000
Virginia .....	Joint Base Langley-Eustis .....	\$34,000,000
	Joint Base Myer-Henderson .....	\$20,000,000
Washington .....	Joint Base Lewis-McChord .....	\$66,000,000
	Yakima .....	\$19,500,000

3 (b) OUTSIDE THE UNITED STATES.—Using amounts  
 4 appropriated pursuant to the authorization of appropria-  
 5 tions in section 2104(a) and available for military con-  
 6 struction projects outside the United States as specified  
 7 in the funding table in section 4601, the Secretary of the  
 8 Army may acquire real property and carry out the military  
 9 construction project for the installations or locations out-  
 10 side the United States, and in the amounts, set forth in  
 11 the following table:

**Army: Outside the United States**

<b>Country</b>	<b>Installation</b>	<b>Amount</b>
Germany .....	Stuttgart .....	\$40,000,000
	Weisbaden .....	\$43,000,000
Korea .....	Kunsan Air Base .....	\$53,000,000



1 **SEC. 2102. FAMILY HOUSING.**

2 (a) CONSTRUCTION AND ACQUISITION.—Using  
 3 amounts appropriated pursuant to the authorization of ap-  
 4 propriations in section 2104(a) and available for military  
 5 family housing functions as specified in the funding table  
 6 in section 4601, the Secretary of the Army may construct  
 7 or acquire family housing units (including land acquisition  
 8 and supporting facilities) at the installations or locations,  
 9 in the number of units, and in the amounts set forth in  
 10 the following table:

**Army: Family Housing**

State/Country	Installation	Units	Amount
Georgia .....	Fort Gordon .....	Family Housing New Construction .....	\$6,100,000
Germany .....	South Camp Vilseck	Family Housing New Construction .....	\$22,445,000
Kwajalein .....	Kwajalein Atoll .....	Family Housing Replacement Construction .....	\$31,000,000
Massachusetts .....	Natick .....	Family Housing Replacement Construction .....	\$21,000,000

11 (b) PLANNING AND DESIGN.—Using amounts appro-  
 12 priated pursuant to the authorization of appropriations in  
 13 section 2104(a) and available for military family housing  
 14 functions as specified in the funding table in section 4601,  
 15 the Secretary of the Army may carry out architectural and  
 16 engineering services and construction design activities  
 17 with respect to the construction or improvement of family  
 18 housing units in an amount not to exceed \$33,559,000.

1 **SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING**  
2 **UNITS.**

3 Subject to section 2825 of title 10, United States  
4 Code, and using amounts appropriated pursuant to the  
5 authorization of appropriations in section 2104(a) and  
6 available for military family housing functions as specified  
7 in the funding table in section 4601, the Secretary of the  
8 Army may improve existing military family housing units  
9 in an amount not to exceed \$34,156,000.

10 **SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.**

11 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds  
12 are hereby authorized to be appropriated for fiscal years  
13 beginning after September 30, 2017, for military con-  
14 struction, land acquisition, and military family housing  
15 functions of the Department of the Army as specified in  
16 the funding table in section 4601.

17 (b) **LIMITATION ON TOTAL COST OF CONSTRUCTION**  
18 **PROJECTS.**—Notwithstanding the cost variations author-  
19 ized by section 2853 of title 10, United States Code, and  
20 any other cost variation authorized by law, the total cost  
21 of all projects carried out under section 2101 may not ex-  
22 ceed the total amount authorized to be appropriated under  
23 subsection (a), as specified in the funding table in section  
24 4601.

1 **SEC. 2105. MODIFICATION OF AUTHORITY TO CARRY OUT**  
2 **CERTAIN FISCAL YEAR 2014 PROJECT.**

3 In the case of the authorization contained in the table  
4 in section 2101(a) of the Military Construction Authoriza-  
5 tion Act for Fiscal Year 2014 (division B of Public Law  
6 113–66; 127 Stat. 986) for Joint Base Lewis-McChord,  
7 Washington, for construction of an airfield operations  
8 complex, the Secretary of the Army may construct standby  
9 generator capacity of 1,000 kilowatts.

10 **SEC. 2106. MODIFICATION OF AUTHORITY TO CARRY OUT**  
11 **CERTAIN FISCAL YEAR 2015 PROJECT.**

12 In the case of the authorization contained in the table  
13 in section 2101(a) of the Military Construction Authoriza-  
14 tion Act for Fiscal Year 2015 (division B of Public Law  
15 113–291; 128 Stat. 3670) for Fort Shafter, Hawaii, for  
16 construction of a command and control facility, the Sec-  
17 retary of the Army may construct 15 megawatts of redun-  
18 dant power generation for a total project amount of  
19 \$370,000,000.

20 **SEC. 2107. EXTENSION OF AUTHORIZATION OF CERTAIN**  
21 **FISCAL YEAR 2014 PROJECT.**

22 (a) EXTENSION.—Notwithstanding section 2002 of  
23 the Military Construction Authorization Act for Fiscal  
24 Year 2014 (division B of Public Law 113–66; 127 Stat.  
25 985), the authorization set forth in the table in subsection  
26 (b), as provided in section 2101 of that Act (127 Stat.

1 986), shall remain in effect until October 1, 2018, or the  
 2 date of the enactment of an Act authorizing funds for mili-  
 3 tary construction for fiscal year 2019, whichever is later.

4 (b) TABLE.—The table referred to in subsection (a)  
 5 is as follows:

**Army: Extension of 2014 Project Authorization**

State or Country	Installation or Location	Project	Amount
Japan .....	Kyogamisaki	Company Operations Com- plex .....	\$33,000,000

6 **SEC. 2108. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 7 **FISCAL YEAR 2015 PROJECTS.**

8 (a) EXTENSION.—Notwithstanding section 2002 of  
 9 the Military Construction Authorization Act for Fiscal  
 10 Year 2015 (division B of Public Law 113–291; 128 Stat.  
 11 3669), the authorizations set forth in the table in sub-  
 12 section (b), as provided in section 2101 of that Act (128  
 13 Stat. 3670), shall remain in effect until October 1, 2018,  
 14 or the date of the enactment of an Act authorizing funds  
 15 for military construction for fiscal year 2019, whichever  
 16 is later.

17 (b) TABLE.—The table referred to in subsection (a)  
 18 is as follows:

**Army: Extension of 2015 Project Authorizations**

State/ Country	Installation or Location	Project	Amount
California	Military Ocean Ter- minal Con- cord .....	Access Control Point .....	\$9,900,000
Hawaii ....	Fort Shafter	Command and Control Fa- cility (SCIF) .....	\$370,000,000

**Army: Extension of 2015 Project Authorizations**—Continued

<b>State/ Country</b>	<b>Installation or Location</b>	<b>Project</b>	<b>Amount</b>
Japan .....	Kadena Air Base .....	Missile Magazine .....	\$10,600,000
Texas .....	Fort Hood ....	Simulation Center .....	\$46,000,000

1 **SEC. 2109. ADDITIONAL AUTHORITY TO CARRY OUT CER-**  
2 **TAIN FISCAL YEAR 2000, 2005, 2006, AND 2007**  
3 **PROJECTS.**

4 (a) PROJECT AUTHORIZATION.—In connection with  
5 the authorizations contained in the tables in section  
6 2101(a) of the Military Construction Authorization Act  
7 for Fiscal Year 2000 (division B of Public Law 106–65;  
8 113 Stat. 825), section 2101(a) of the Military Construc-  
9 tion Authorization Act for Fiscal Year 2005 (division B  
10 of Public Law 108–375; 118 Stat. 2101), section 2101(a)  
11 of the Military Construction Authorization Act for Fiscal  
12 Year 2006 (division B of Public Law 109–163; 119 Stat.  
13 3485), and section 2101(a) of the Military Construction  
14 Authorization Act for Fiscal Year 2007 (division B of  
15 Public Law 109–364; 120 Stat. 2445) for Fort Irwin,  
16 California, for Land Acquisition – National Training Cen-  
17 ter, Phases 1 through 4, the Secretary of the Army may  
18 carry out military construction projects to complete the  
19 land acquisitions within the initial scope of the projects.

20 (b) CONGRESSIONAL NOTIFICATION.—The Secretary  
21 of the Army shall provide information in accordance with

1 section 2851(c) of title 10, United States Code, regarding  
 2 the projects described in subsection (a).

3 **TITLE XXII—NAVY MILITARY**  
 4 **CONSTRUCTION**

Sec. 2201. Authorized Navy construction and land acquisition projects.  
 Sec. 2202. Family housing.  
 Sec. 2203. Improvements to military family housing units.  
 Sec. 2204. Authorization of appropriations, Navy.  
 Sec. 2205. Extension of authorizations for certain fiscal year 2014 projects.  
 Sec. 2206. Extension of authorizations of certain fiscal year 2015 projects.

5 **SEC. 2201. AUTHORIZED NAVY CONSTRUCTION AND LAND**  
 6 **ACQUISITION PROJECTS.**

7 (a) **INSIDE THE UNITED STATES.**—Using amounts  
 8 appropriated pursuant to the authorization of appropria-  
 9 tions in section 2204(a) and available for military con-  
 10 struction projects inside the United States as specified in  
 11 the funding table in section 4601, the Secretary of the  
 12 Navy may acquire real property and carry out military  
 13 construction projects for the installations or locations in-  
 14 side the United States, and in the amounts, set forth in  
 15 the following table:

**Navy: Inside the United States**

State	Installation or Location	Amount
Arizona .....	Yuma .....	\$36,358,000
California .....	Barstow .....	\$36,539,000
	Camp Pendleton .....	\$61,139,000
	Coronado .....	\$36,000,000
	Lemoore .....	\$60,828,000
	Miramar .....	\$47,600,000
	Twentynine Palms .....	\$55,099,000
Florida .....	Mayport .....	\$84,818,000
Georgia .....	Albany .....	\$43,300,000
Guam .....	Joint Region Marianas .....	\$284,679,000
Hawaii .....	Joint Base Pearl Harbor-Hickam .....	\$73,200,000
	Kaneohe Bay .....	\$26,492,000
	Wahiawa .....	\$65,864,000
Maine .....	Kittery .....	\$61,692,000
North Carolina .....	Camp Lejeune .....	\$103,767,000

**Navy: Inside the United States**—Continued

State	Installation or Location	Amount
Virginia .....	Cherry Point Marine Corps Air Station .....	\$15,671,000
	Dam Neck .....	\$29,262,000
	Joint Expeditionary Base Little Creek- Story .....	\$2,596,000
	Portsmouth .....	\$72,990,000
	Quantico .....	\$23,738,000
Washington .....	Yorktown .....	\$36,358,000
	Indian Island .....	\$44,440,000

1 (b) OUTSIDE THE UNITED STATES.—Using amounts  
2 appropriated pursuant to the authorization of appropria-  
3 tions in section 2204(a) and available for military con-  
4 struction projects outside the United States as specified  
5 in the funding table in section 4601, the Secretary of the  
6 Navy may acquire real property and carry out military  
7 construction projects for the installation or location out-  
8 side the United States, and in the amounts, set forth in  
9 the following table:

**Navy: Outside the United States**

Country	Installation or Location	Amount
Greece .....	Souda Bay .....	\$22,045,000
Japan .....	Iwakuni .....	\$21,860,000

**10 SEC. 2202. FAMILY HOUSING.**

11 (a) CONSTRUCTION AND ACQUISITION.—Using  
12 amounts appropriated pursuant to the authorization of ap-  
13 propriations in section 2204(a) and available for military  
14 family housing functions as specified in the funding table  
15 in section 4601, the Secretary of the Navy may construct  
16 or acquire family housing units (including land acquisition  
17 and supporting facilities) at the installations or locations,

1 in the number of units, and in the amounts set forth in  
 2 the following table:

**Navy: Family Housing**

Country	Installation	Units	Amount
Bahrain Island .....	SW Asia .....	Construct On-Base GFOQ .....	\$2,138,000
Mariana Islands .....	Guam .....	Replace Andersen Housing PH II ....	\$40,875,000

3 (b) **PLANNING AND DESIGN.**—Using amounts appro-  
 4 priated pursuant to the authorization of appropriations in  
 5 section 2204(a) and available for military family housing  
 6 functions as specified in the funding table in section 4601,  
 7 the Secretary of the Navy may carry out architectural and  
 8 engineering services and construction design activities  
 9 with respect to the construction or improvement of family  
 10 housing units in an amount not to exceed \$4,418,000.

11 **SEC. 2203. IMPROVEMENTS TO MILITARY FAMILY HOUSING**  
 12 **UNITS.**

13 Subject to section 2825 of title 10, United States  
 14 Code, and using amounts appropriated pursuant to the  
 15 authorization of appropriations in section 2204(a) and  
 16 available for military family housing functions as specified  
 17 in the funding table in section 4601, the Secretary of the  
 18 Navy may improve existing military family housing units  
 19 in an amount not to exceed \$36,251,000.

20 **SEC. 2204. AUTHORIZATION OF APPROPRIATIONS, NAVY.**

21 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds  
 22 are hereby authorized to be appropriated for fiscal years



1 beginning after September 30, 2017, for military con-  
2 struction, land acquisition, and military family housing  
3 functions of the Department of the Navy, as specified in  
4 the funding table in section 4601.

5 (b) **LIMITATION ON TOTAL COST OF CONSTRUCTION**  
6 **PROJECTS.**—Notwithstanding the cost variations author-  
7 ized by section 2853 of title 10, United States Code, and  
8 any other cost variation authorized by law, the total cost  
9 of all projects carried out under section 2201 may not ex-  
10 ceed the total amount authorized to be appropriated under  
11 subsection (a), as specified in the funding table in section  
12 4601.

13 **SEC. 2205. EXTENSION OF AUTHORIZATIONS FOR CERTAIN**  
14 **FISCAL YEAR 2014 PROJECTS.**

15 (a) **EXTENSION.**—Notwithstanding section 2002 of  
16 the Military Construction Authorization Act for Fiscal  
17 Year 2014 (division B of Public Law 113–66; 127 Stat.  
18 985), the authorizations set forth in the table in sub-  
19 section (b), as provided in section 2201 of that Act (127  
20 Stat. 989) and extended by section 2207 of the Military  
21 Construction Authorization Act for Fiscal Year 2017 (di-  
22 vision B of Public Law 114–328; 130 Stat. 2694), shall  
23 remain in effect until October 1, 2018, or the date of the  
24 enactment of an Act authorizing funds for military con-  
25 struction for fiscal year 2019, whichever is later.

1 (b) TABLE.—The table referred to in subsection (a)  
 2 is as follows:

**Navy: Extension of 2014 Project Authorizations**

State	Installation or Location	Project	Amount
Illinois .....	Great Lakes .....	Unaccompanied Housing .....	\$35,851,000
Nevada .....	Fallon .....	Wastewater Treatment Plant .....	\$11,334,000
Virginia .....	Quantico .....	Fuller Road Improvements .....	\$9,013,000

3 **SEC. 2206. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 4 **FISCAL YEAR 2015 PROJECTS.**

5 (a) EXTENSION.—Notwithstanding section 2002 of  
 6 the Military Construction Authorization Act for Fiscal  
 7 Year 2015 (division B of Public Law 113–291; 128 Stat.  
 8 3669), the authorizations set forth in the table in sub-  
 9 section (b), as provided in section 2201 of that Act (128  
 10 Stat. 3675), shall remain in effect until October 1, 2018,  
 11 or the date of the enactment of an Act authorizing funds  
 12 for military construction for fiscal year 2019, whichever  
 13 is later.

14 (b) TABLE.—The table referred to in subsection (a)  
 15 is as follows:

**Navy: Extension of 2015 Project Authorizations**

State	Installation or Location	Project	Amount
District of Columbia .....	NSA Washington ..	Electronics Science and Technology Lab .....	\$37,882,000
Maryland .....	Indian Head .....	Advanced Energetics Research Lab Complex Phase 2 .....	\$15,346,000

1                   **TITLE XXIII—AIR FORCE**  
 2                   **MILITARY CONSTRUCTION**

Sec. 2301. Authorized Air Force construction and land acquisition projects.

Sec. 2302. Family housing.

Sec. 2303. Improvements to military family housing units.

Sec. 2304. Authorization of appropriations, Air Force.

Sec. 2305. Modification of authority to carry out certain fiscal year 2017 projects.

Sec. 2306. Extension of authorizations of certain fiscal year 2015 projects.

3   **SEC. 2301. AUTHORIZED AIR FORCE CONSTRUCTION AND**  
 4                   **LAND ACQUISITION PROJECTS.**

5           (a) INSIDE THE UNITED STATES.—Using amounts  
 6 appropriated pursuant to the authorization of appropria-  
 7 tions in section 2304(a) and available for military con-  
 8 struction projects inside the United States as specified in  
 9 the funding table in section 4601, the Secretary of the  
 10 Air Force may acquire real property and carry out mili-  
 11 tary construction projects for the installations or locations  
 12 inside the United States, and in the amounts, set forth  
 13 in the following table:

**Air Force: Inside the United States**

State	Installation or Location	Amount
Alaska .....	Eielson Air Force Base .....	\$168,900,000
Arkansas .....	Little Rock Air Force Base .....	\$20,000,000
California .....	Travis Air Force Base .....	\$114,700,000
Colorado .....	Buckley Air Force Base .....	\$38,000,000
	Fort Carson .....	\$13,000,000
	U.S. Air Force Academy .....	\$30,000,000
Florida .....	Eglin Air Force Base .....	\$90,700,000
	MacDill Air Force Base .....	\$8,100,000
	Tyndall Air Force Base .....	\$17,000,000
Georgia .....	Robins Air Force Base .....	\$9,800,000
Kansas .....	McConnell Air Force Base .....	\$17,500,000
Maryland .....	Joint Base Andrews .....	\$271,500,000
Nevada .....	Nellis Air Force Base .....	\$61,000,000
New Jersey .....	McGuire-Dix-Lakehurst .....	\$146,500,000
New Mexico .....	Cannon Air Force Base .....	\$42,000,000
	Holloman Air Force Base .....	\$4,250,000
	Kirtland Air Force Base .....	\$9,300,000
North Dakota .....	Minot Air Force Base .....	\$27,000,000

**Air Force: Inside the United States**—Continued

State	Installation or Location	Amount
Ohio .....	Wright-Patterson Air Force Base.	\$6,800,000
Oklahoma .....	Altus Air Force Base .....	\$20,900,000
Texas .....	Joint Base San Antonio .....	\$156,630,000
Utah .....	Hill Air Force Base .....	\$28,000,000
Wyoming .....	F.E. Warren Air Force Base .....	\$62,000,000

1 (b) OUTSIDE THE UNITED STATES.—Using amounts  
2 appropriated pursuant to the authorization of appropria-  
3 tions in section 2304(a) and available for military con-  
4 struction projects outside the United States as specified  
5 in the funding table in section 4601, the Secretary of the  
6 Air Force may acquire real property and carry out mili-  
7 tary construction projects for the installations or locations  
8 outside the United States, and in the amounts, set forth  
9 in the following table:

**Air Force: Outside the United States**

Country	Installation or Location	Amount
Australia .....	Darwin .....	\$76,000,000
United Kingdom .....	RAF Fairford .....	\$45,650,000
	RAF Lakenheath .....	\$136,992,000

10 **SEC. 2302. FAMILY HOUSING.**

11 Using amounts appropriated pursuant to the author-  
12 ization of appropriations in section 2304(a) and available  
13 for military family housing functions as specified in the  
14 funding table in section 4601, the Secretary of the Air  
15 Force may carry out architectural and engineering serv-  
16 ices and construction design activities with respect to the

1 construction or improvement of family housing units in an  
2 amount not to exceed \$4,445,000.

3 **SEC. 2303. IMPROVEMENTS TO MILITARY FAMILY HOUSING**  
4 **UNITS.**

5 Subject to section 2825 of title 10, United States  
6 Code, and using amounts appropriated pursuant to the  
7 authorization of appropriations in section 2304(a) and  
8 available for military family housing functions as specified  
9 in the funding table in section 4601, the Secretary of the  
10 Air Force may improve existing military family housing  
11 units in an amount not to exceed \$80,617,000.

12 **SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR**  
13 **FORCE.**

14 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds  
15 are hereby authorized to be appropriated for fiscal years  
16 beginning after September 30, 2017, for military con-  
17 struction, land acquisition, and military family housing  
18 functions of the Department of the Air Force, as specified  
19 in the funding table in section 4601.

20 (b) **LIMITATION ON TOTAL COST OF CONSTRUCTION**  
21 **PROJECTS.**—Notwithstanding the cost variations author-  
22 ized by section 2853 of title 10, United States Code, and  
23 any other cost variation authorized by law, the total cost  
24 of all projects carried out under section 2301 may not ex-  
25 ceed the total amount authorized to be appropriated under

1 subsection (a), as specified in the funding table in section  
2 4601.

3 **SEC. 2305. MODIFICATION OF AUTHORITY TO CARRY OUT**  
4 **CERTAIN FISCAL YEAR 2017 PROJECTS.**

5 (a) HANSCOM AIR FORCE BASE.—In the case of the  
6 authorization contained in the table in section 2301(a) of  
7 the Military Construction Authorization Act for Fiscal  
8 Year 2017 (division B of Public Law 114–328; 130 Stat.  
9 2696) for Hanscom Air Force Base, Massachusetts, for  
10 construction of a gate complex at the installation, the Sec-  
11 retary of the Air Force may construct a visitor control  
12 center of 187 square meters, a traffic check house of 294  
13 square meters, and an emergency power generator system  
14 and transfer switch consistent with the Air Force’s con-  
15 struction guidelines.

16 (b) MARIANA ISLANDS.—In the case of the authoriza-  
17 tion contained in the table in section 2301(b) of the Mili-  
18 tary Construction Authorization Act for Fiscal Year 2017  
19 (division B of Public Law 114–328; 130 Stat. 2697) for  
20 acquiring 142 hectares of land at an unspecified location  
21 in the Mariana Islands, the Secretary of the Air Force  
22 may acquire 142 hectares of land on Tinian in the North-  
23 ern Mariana Islands for a cost of \$21,900,000.

24 (c) CHABELLEY AIRFIELD.—In the case of the au-  
25 thorization contained in the table in section 2902 of the

1 Military Construction Authorization Act for Fiscal Year  
2 2017 (division B of Public Law 114–328; 130 Stat. 2743)  
3 for Chabelley Airfield, Djibouti, for construction of a park-  
4 ing apron and taxiway at that location, the Secretary of  
5 the Air Force may construct 20,490 square meters of taxi-  
6 way and apron, 8,230 square meters of paved shoulders,  
7 10,650 square meters of hangar pads, and 3,900 square  
8 meters of cargo apron.

9 (d) SCOTT AIR FORCE BASE.—The table in section  
10 4601 of the Military Construction Authorization Act for  
11 Fiscal Year 2017 (division B of Public Law 114–328; 130  
12 Stat. 2877) is amended in the item relating to Scott Air  
13 Force Base, Illinois, by striking “Consolidated Corrosion  
14 Facility add/alter.” in the project title column and insert-  
15 ing “Consolidated Communication Facility add/alter.”.

16 **SEC. 2306. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
17 **FISCAL YEAR 2015 PROJECTS.**

18 (a) EXTENSION.—Notwithstanding section 2002 of  
19 the Military Construction Authorization Act for Fiscal  
20 Year 2015 (division B of Public Law 113–291; 128 Stat.  
21 3669), the authorizations set forth in the table in sub-  
22 section (b), as provided in section 2301 of that Act (128  
23 Stat. 3679), shall remain in effect until October 1, 2018,  
24 or the date of the enactment of an Act authorizing funds

1 for military construction for fiscal year 2019, whichever  
2 is later.

3 (b) TABLE.—The table referred to in subsection (a)  
4 is as follows:

**Air Force: Extension of 2015 Project Authorization**

State	Installation	Project	Amount
Alaska .....	Clear Air Force Sta- tion .....	Emergency Power Plant Fuel Stor- age .....	\$11,500,000
Oklahoma .....	Tinker Air Force Base .....	KC-46 Two-Bay Maintenance Hangar .....	\$63,000,000

5 **TITLE XXIV—DEFENSE AGEN-**  
6 **CIES MILITARY CONSTRUC-**  
7 **TION**

Sec. 2401. Authorized Defense Agencies construction and land acquisition projects.

Sec. 2402. Authorized energy resiliency and conservation projects.

Sec. 2403. Authorization of appropriations, Defense Agencies.

Sec. 2404. Modification of authority to carry out certain fiscal year 2017 project.

Sec. 2405. Extension of authorizations of certain fiscal year 2014 projects.

Sec. 2406. Extension of authorizations of certain fiscal year 2015 projects.

8 **SEC. 2401. AUTHORIZED DEFENSE AGENCIES CONSTRUC-**  
9 **TION AND LAND ACQUISITION PROJECTS.**

10 (a) INSIDE THE UNITED STATES.—Using amounts  
11 appropriated pursuant to the authorization of appropria-  
12 tions in section 2403(a) and available for military con-  
13 struction projects inside the United States as specified in  
14 the funding table in section 4601, the Secretary of De-  
15 fense may acquire real property and carry out military  
16 construction projects for the installations or locations in-



1 side the United States, and in the amounts, set forth in  
 2 the following table:

**Defense Agencies: Inside the United States**

State	Installation or Location	Amount
Alaska .....	Fort Greely .....	\$200,000,000
California .....	Camp Pendleton .....	\$43,642,000
	Coronado .....	\$258,735,000
Colorado .....	Schriever Air Force Base .....	\$10,200,000
Florida .....	Eglin Air Force Base .....	\$9,100,000
	Hurlburt Field .....	\$46,400,000
Georgia .....	Fort Gordon .....	\$10,350,000
Guam .....	Andersen Air Force Base .....	\$23,900,000
Hawaii .....	Kunua .....	\$5,000,000
Missouri .....	Fort Leonard Wood .....	\$393,241,000
	St. Louis .....	\$381,000,000
New Mexico .....	Cannon Air Force Base .....	\$8,228,000
North Carolina .....	Camp Lejeune .....	\$90,039,000
	Fort Bragg .....	\$57,778,000
	Seymour Johnson Air Force Base .....	\$20,000,000
South Carolina .....	Shaw Air Force Base .....	\$22,900,000
Utah .....	Hill Air Force Base .....	\$20,000,000
Virginia .....	Joint Expeditionary Base Little Creek- Story .....	\$23,000,000
	Norfolk .....	\$18,500,000
	Pentagon .....	\$50,100,000
	Portsmouth .....	\$22,500,000
Worldwide Unspecified .....	Unspecified Worldwide Locations .....	\$64,364,000

3 (b) OUTSIDE THE UNITED STATES.—Using amounts  
 4 appropriated pursuant to the authorization of appropria-  
 5 tions in section 2403(a) and available for military con-  
 6 struction projects outside the United States as specified  
 7 in the funding table in section 4601, the Secretary of De-  
 8 fense may acquire real property and carry out military  
 9 construction projects for the installations or locations out-  
 10 side the United States, and in the amounts, set forth in  
 11 the following table:

**Defense Agencies: Outside the United States**

Country	Installation or Location	Amount
Germany .....	Spangdahlem Air Base .....	\$79,141,000
	Stuttgart .....	\$46,609,000
Greece .....	Souda Bay .....	\$18,100,000
Italy .....	Vicenza .....	\$62,406,000
Japan .....	Iwakuni .....	\$30,800,000
	Kadena Air Base .....	\$27,573,000

**Defense Agencies: Outside the United States—Continued**

Country	Installation or Location	Amount
	Okinawa .....	\$11,900,000
	Sasebo .....	\$45,600,000
	Torii Commo Station .....	\$25,323,000
Puerto Rico .....	Punta Borinquen .....	\$61,071,000
United Kingdom .....	Menwith Hill Station .....	\$11,000,000

**1 SEC. 2402. AUTHORIZED ENERGY RESILIENCY AND CON-**  
**2 SERVATION PROJECTS.**

3 (a) **INSIDE THE UNITED STATES.**—Using amounts  
 4 appropriated pursuant to the authorization of appropria-  
 5 tions in section 2403(a) and available for energy resiliency  
 6 and conservation projects inside the United States as spec-  
 7 ified in the funding table in section 4601, the Secretary  
 8 of Defense may carry out energy resiliency and conserva-  
 9 tion projects under chapter 173 of title 10, United States  
 10 Code, for the installations or locations inside the United  
 11 States, and the amounts set forth in the following table:

**Energy Resiliency and Conservation Projects: Inside the United States**

State	Installation or Location	Amount
Colorado .....	Schriever Air Force Base .....	\$15,260,000
Guam .....	Andersen Air Force Base .....	\$5,880,000
	NAVBASE Guam .....	\$6,920,000
Hawaii .....	MCBH Kaneohe Bay .....	\$6,185,000
Illinois .....	MTC Marseilles .....	\$3,000,000
Maryland .....	NSA South Potomac-Indian Head .....	\$10,790,000
Missouri .....	Fort Leonard Wood .....	\$5,300,000
Montana .....	Malmstrom Air Force Base .....	\$6,086,000
North Carolina .....	Fort Bragg .....	\$3,000,000
	Lejeune/New River .....	\$9,750,000
Utah .....	Tooele Army Depot .....	\$6,400,000
	Dugway Proving Ground .....	\$8,700,000
	Hill Air Force Base .....	\$8,467,000
Wyoming .....	F.E. Warren .....	\$4,500,000
Various Locations .....	Various Locations .....	\$27,232,000

12 (b) **OUTSIDE THE UNITED STATES.**—Using amounts  
 13 appropriated pursuant to the authorization of appropria-  
 14 tions in section 2403(a) and available for energy resiliency

1 and conservation projects outside the United States as  
 2 specified in the funding table in section 4601, the Sec-  
 3 retary of Defense may carry out energy resiliency and con-  
 4 servation projects under chapter 173 of title 10, United  
 5 States Code, for the installations or locations outside the  
 6 United States, and in the amounts, set forth in the fol-  
 7 lowing table:

**Energy Resiliency and Conservation Projects: Outside the United States**

<b>Country</b>	<b>Installation or Location</b>	<b>Amount</b>
Honduras .....	Soto Cano Air Base .....	\$12,600,000
Italy .....	NSA Naples .....	\$2,700,000
Japan .....	CFA Yokosuka .....	\$8,530,000
Korea .....	Osan Air Base .....	\$13,700,000

8 **SEC. 2403. AUTHORIZATION OF APPROPRIATIONS, DE-**  
 9 **FENSE AGENCIES.**

10 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds  
 11 are hereby authorized to be appropriated for fiscal years  
 12 beginning after September 30, 2017, for military con-  
 13 struction, land acquisition, and military family housing  
 14 functions of the Department of Defense (other than the  
 15 military departments), as specified in the funding table  
 16 in section 4601.

17 (b) LIMITATION ON TOTAL COST OF CONSTRUCTION  
 18 PROJECTS.—Notwithstanding the cost variations author-  
 19 ized by section 2853 of title 10, United States Code, and  
 20 any other cost variation authorized by law, the total cost  
 21 of all projects carried out under section 2401 of this Act  
 22 may not exceed the total amount authorized to be appro-

1 priated under subsection (a), as specified in the funding  
2 table in section 4601.

3 **SEC. 2404. MODIFICATION OF AUTHORITY TO CARRY OUT**  
4 **CERTAIN FISCAL YEAR 2017 PROJECT.**

5 In the case of the authorization in the table in section  
6 2401(b) of the Military Construction Authorization Act  
7 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
8 2700) for Kaiserslautern, Germany, for construction of  
9 the Sembach Elementary/Middle School Replacement, the  
10 Secretary of Defense may construct an elementary school.

11 **SEC. 2405. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
12 **FISCAL YEAR 2014 PROJECTS.**

13 (a) EXTENSION.—Notwithstanding section 2002 of  
14 the Military Construction Authorization Act for Fiscal  
15 Year 2014 (division B of Public Law 113–66; 127 Stat.  
16 985), the authorizations set forth in the table in sub-  
17 section (b), as provided in section 2401 of that Act (127  
18 Stat. 995) and extended by section 2406 of the Military  
19 Construction Authorization Act for Fiscal Year 2017 (di-  
20 vision B of Public Law 114–328; 130 Stat. 2702), shall  
21 remain in effect until October 1, 2018, or the date of the  
22 enactment of an Act authorizing funds for military con-  
23 struction for fiscal year 2019, whichever is later.

24 (b) TABLE.—The table referred to in subsection (a)  
25 is as follows:

**Defense Agencies: Extension of 2014 Project Authorizations**

<b>State/Country</b>	<b>Installation or Location</b>	<b>Project</b>	<b>Amount</b>
United Kingdom	Royal Air Force Lakenheath .....	Lakenheath Middle/ High School Re- placement .....	\$69,638,000
Virginia .....	Marine Corps Base Quantico .....	Quantico Middle/ High School Re- placement .....	\$40,586,000
	Pentagon .....	PFPA Support Oper- ations Center .....	\$14,800,000

1 **SEC. 2406. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
2 **FISCAL YEAR 2015 PROJECTS.**

3 (a) EXTENSION.—Notwithstanding section 2002 of  
4 the Military Construction Authorization Act for Fiscal  
5 Year 2015 (division B of Public Law 113–291; 128 Stat.  
6 3669), the authorizations set forth in the table in sub-  
7 section (b), as provided in section 2401 of that Act (128  
8 Stat. 3681), shall remain in effect until October 1, 2018,  
9 or the date of the enactment of an Act authorizing funds  
10 for military construction for fiscal year 2019, whichever  
11 is later.

12 (b) TABLE.—The table referred to in subsection (a)  
13 is as follows:

**Defense Agencies: Extension of 2015 Project Authorizations**

<b>State/Country</b>	<b>Installation or Location</b>	<b>Project</b>	<b>Amount</b>
Australia .....	Geraldton .....	Combined Commu- nications Gateway Geraldton .....	\$9,600,000
Belgium .....	Brussels .....	Brussels Elementary/ High School Re- placement .....	\$41,626,000
Japan .....	Okinawa .....	Kubasaki High School Replace- ment/Renovation ...	\$99,420,000

**Defense Agencies: Extension of 2015 Project Authorizations—**  
Continued

State/Country	Installation or Location	Project	Amount
Mississippi .....	Commander Fleet Activities Sasebo .....	E.J. King High School Replacement/Renovation ...	\$37,681,000
New Mexico .....	Stennis .....	SOF Land Acquisition Western Maneuver Area .....	\$17,224,000
Virginia .....	Cannon Air Force Base	SOF Squadron Operations Facility (STS) .....	\$23,333,000
	Defense Distribution Depot Richmond .....	Replace Access Control Point .....	\$5,700,000
	Joint Base Langley-Eustis .....	Hospital Addition/Central Utility Plant Replacement	\$41,200,000
	Pentagon .....	Redundant Chilled Water Loop .....	\$15,100,000

1       **TITLE XXV—INTERNATIONAL**  
2       **PROGRAMS**

Subtitle A—North Atlantic Treaty Organization Security Investment Program

Sec. 2501. Authorized NATO construction and land acquisition projects.

Sec. 2502. Authorization of appropriations, NATO.

Subtitle B—Host Country In-Kind Contributions

Sec. 2511. Republic of Korea funded construction projects.

Sec. 2512. Modification of authority to carry out certain fiscal year 2017 projects.

3       **Subtitle A—North Atlantic Treaty**  
4       **Organization Security Invest-**  
5       **ment Program**

6       **SEC. 2501. AUTHORIZED NATO CONSTRUCTION AND LAND**  
7       **ACQUISITION PROJECTS.**

8       The Secretary of Defense may make contributions for  
9       the North Atlantic Treaty Organization Security Invest-  
10      ment Program as provided in section 2806 of title 10,

1 United States Code, in an amount not to exceed the sum  
2 of the amount authorized to be appropriated for this pur-  
3 pose in section 2502 and the amount collected from the  
4 North Atlantic Treaty Organization as a result of con-  
5 struction previously financed by the United States.

6 **SEC. 2502. AUTHORIZATION OF APPROPRIATIONS, NATO.**

7 Funds are hereby authorized to be appropriated for  
8 fiscal years beginning after September 30, 2017, for con-  
9 tributions by the Secretary of Defense under section 2806  
10 of title 10, United States Code, for the share of the United  
11 States of the cost of projects for the North Atlantic Treaty  
12 Organization Security Investment Program authorized by  
13 section 2501 as specified in the funding table in section  
14 4601.

15 **Subtitle B—Host Country In-Kind**  
16 **Contributions**

17 **SEC. 2511. REPUBLIC OF KOREA FUNDED CONSTRUCTION**  
18 **PROJECTS.**

19 Pursuant to agreement with the Republic of Korea  
20 for required in-kind contributions, the Secretary of De-  
21 fense may accept military construction projects for the in-  
22 stallations or locations, and in the amounts, set forth in  
23 the following table:

**Republic of Korea Funded Construction Projects**

<b>Country</b>	<b>Component</b>	<b>Installation or Location</b>	<b>Project</b>	<b>Amount</b>
Korea .....	Army .....	Camp Humphreys ....	Unaccompanied Enlisted Personnel Housing, Phase 1 .....	\$76,000,000
	Army .....	Camp Humphreys ....	Type I Aircraft Parking Apron .....	\$10,000,000
	Air Force	Kunsan Air Base .....	Construct Airfield Damage Repair Warehouse	\$6,500,000
	Air Force	Osan Air Base .....	Main Gate Entry Control Facilities .....	\$13,000,000

**1 SEC. 2512. MODIFICATION OF AUTHORITY TO CARRY OUT**  
**2 CERTAIN FISCAL YEAR 2017 PROJECTS.**

3 (a) **CAMP HUMPHREYS.**—In the case of the author-  
4 ization contained in the table in section 2511 of the Mili-  
5 tary Construction Authorization Act for Fiscal Year 2017  
6 (division B of Public Law 114–328; 130 Stat. 2704) for  
7 Camp Humphreys, Republic of Korea, for construction of  
8 the 8th Army Correctional Facility, the Secretary of De-  
9 fense may construct a level 1 correctional facility of  
10 26,000 square feet and a utility and tool storage building  
11 of 400 square feet.

12 (b) **K-16 AIR BASE.**—In the case of the authorization  
13 contained in the table in section 2511 of the Military Con-  
14 struction Authorization Act for Fiscal Year 2017 (division  
15 B of Public Law 114–328; 130 Stat. 2704) for the K-  
16 16 Air Base, Republic of Korea, for renovation of the Spe-  
17 cial Operations Forces (SOF) Operations Facility, B-606,



1 the Secretary of Defense may renovate an operations ad-  
2 ministration area of 5,500 square meters.

3 **TITLE XXVI—GUARD AND**  
4 **RESERVE FORCES FACILITIES**

Subtitle A—Project Authorizations and Authorization of Appropriations

- Sec. 2601. Authorized Army National Guard construction and land acquisition projects.
- Sec. 2602. Authorized Army Reserve construction and land acquisition projects.
- Sec. 2603. Authorized Navy Reserve and Marine Corps Reserve construction and land acquisition projects.
- Sec. 2604. Authorized Air National Guard construction and land acquisition projects.
- Sec. 2605. Authorized Air Force Reserve construction and land acquisition projects.
- Sec. 2606. Authorization of appropriations, National Guard and Reserve.

Subtitle B—Other Matters

- Sec. 2611. Modification of authority to carry out certain fiscal year 2015 project.
- Sec. 2612. Extension of authorizations of certain fiscal year 2014 projects.
- Sec. 2613. Extension of authorizations of certain fiscal year 2015 projects.

5 **Subtitle A—Project Authorizations**  
6 **and Authorization of Appropria-**  
7 **tions**

8 **SEC. 2601. AUTHORIZED ARMY NATIONAL GUARD CON-**  
9 **STRUCTION AND LAND ACQUISITION**  
10 **PROJECTS.**

11 Using amounts appropriated pursuant to the author-  
12 ization of appropriations in section 2606 and available for  
13 the National Guard and Reserve as specified in the fund-  
14 ing table in section 4601, the Secretary of the Army may  
15 acquire real property and carry out military construction  
16 projects for the Army National Guard locations inside the

1 United States, and in the amounts, set forth in the fol-  
 2 lowing table:

**Army National Guard**

State	Location	Amount
Delaware .....	New Castle .....	\$36,000,000
Idaho .....	Orchard Training Area .....	\$22,000,000
	MTC Gowen .....	\$9,000,000
Iowa .....	Camp Dodge .....	\$8,500,000
Kansas .....	Fort Leavenworth .....	\$19,000,000
Maine .....	Presque Isle .....	\$17,500,000
Maryland .....	Sykesville .....	\$19,000,000
Minnesota .....	Arden Hills .....	\$39,000,000
Missouri .....	Springfield .....	\$32,000,000
New Mexico .....	Las Cruces .....	\$8,600,000
Virginia .....	Fort Belvoir .....	\$15,000,000
	Fort Pickett .....	\$4,550,000
Washington .....	Tumwater .....	\$31,000,000

3 **SEC. 2602. AUTHORIZED ARMY RESERVE CONSTRUCTION**  
 4 **AND LAND ACQUISITION PROJECTS.**

5 (a) INSIDE THE UNITED STATES.—Using amounts  
 6 appropriated pursuant to the authorization of appropria-  
 7 tions in section 2606 and available for the National Guard  
 8 and Reserve as specified in the funding table in section  
 9 4601, the Secretary of the Army may acquire real prop-  
 10 erty and carry out military construction projects for the  
 11 Army Reserve locations inside the United States, and in  
 12 the amounts, set forth in the following table:

**Army Reserve: Inside the United States**

State	Location	Amount
California .....	Fallbrook .....	\$36,000,000
Washington .....	Lewis-McChord .....	\$30,000,000
Wisconsin .....	Fort McCoy .....	\$13,000,000

13 (b) OUTSIDE THE UNITED STATES.—Using amounts  
 14 appropriated pursuant to the authorization of appropria-  
 15 tions in section 2606 and available for the National Guard

1 and Reserve as specified in the funding table in section  
 2 3102, the Secretary of the Army may acquire real prop-  
 3 erty and carry out military construction projects for the  
 4 Army Reserve locations outside the United States, and in  
 5 the amounts, set forth in the following table:

**Army Reserve: Outside the United States**

State	Location	Amount
Puerto Rico .....	Aguadilla .....	\$12,400,000
	Fort Buchanan .....	\$26,000,000

6 **SEC. 2603. AUTHORIZED NAVY RESERVE AND MARINE**  
 7 **CORPS RESERVE CONSTRUCTION AND LAND**  
 8 **ACQUISITION PROJECTS.**

9 Using amounts appropriated pursuant to the author-  
 10 ization of appropriations in section 2606 and available for  
 11 the National Guard and Reserve as specified in the fund-  
 12 ing table in section 4601, the Secretary of the Navy may  
 13 acquire real property and carry out military construction  
 14 projects for the Navy Reserve and Marine Corps Reserve  
 15 locations inside the United States, and in the amounts,  
 16 set forth in the following table:

**Navy Reserve and Marine Corps Reserve**

State	Location	Amount
California .....	Lemoore .....	\$17,330,000
Georgia .....	Fort Gordon .....	\$17,797,000
New Jersey .....	Joint Base McGuire-Dix-Lakehurst .....	\$11,573,000
Texas .....	Fort Worth .....	\$12,637,000

1 **SEC. 2604. AUTHORIZED AIR NATIONAL GUARD CONSTRUC-**  
 2 **TION AND LAND ACQUISITION PROJECTS.**

3 Using amounts appropriated pursuant to the author-  
 4 ization of appropriations in section 2606 and available for  
 5 the National Guard and Reserve as specified in the fund-  
 6 ing table in section 4601, the Secretary of the Air Force  
 7 may acquire real property and carry out military construc-  
 8 tion projects for the Air National Guard locations inside  
 9 the United States, and in the amounts, set forth in the  
 10 following table:

**Air National Guard**

State	Location	Amount
California .....	March Air Force Base .....	\$15,000,000
Colorado .....	Peterson Air Force Base .....	\$8,000,000
Connecticut .....	Bradley IAP .....	\$7,000,000
Indiana .....	Hulman Regional Airport .....	\$8,000,000
Kentucky .....	Louisville IAP .....	\$9,000,000
Mississippi .....	Jackson International Airport .....	\$8,000,000
Missouri .....	Rosecrans Memorial Airport .....	\$10,000,000
New York .....	Hancock Field .....	\$6,800,000
Ohio .....	Toledo Express Airport .....	\$15,000,000
Oklahoma .....	Tulsa International Airport .....	\$8,000,000
Oregon .....	Klamath Falls IAP .....	\$18,500,000
South Dakota .....	Joe Foss Field .....	\$12,000,000
Tennessee .....	McGhee-Tyson Airport .....	\$25,000,000
Wisconsin .....	Dane County Regional/Airport Truax Field .....	\$8,000,000

11 **SEC. 2605. AUTHORIZED AIR FORCE RESERVE CONSTRUC-**  
 12 **TION AND LAND ACQUISITION PROJECTS.**

13 Using amounts appropriated pursuant to the author-  
 14 ization of appropriations in section 2606 and available for  
 15 the National Guard and Reserve as specified in the fund-  
 16 ing table in section 4601, the Secretary of the Air Force  
 17 may acquire real property and carry out military construc-  
 18 tion projects for the Air Force Reserve locations inside

1 the United States, and in the amounts, set forth in the  
2 following table:

**Air Force Reserve**

State	Location	Amount
Florida .....	Patrick Air Force Base .....	\$25,000,000
Georgia .....	Robins Air Force Base .....	\$32,000,000
Guam .....	Joint Region Marianas .....	\$5,200,000
Hawaii .....	Joint Base Pearl Harbor-Hickam .....	\$5,500,000
Massachusetts .....	Westover ARB .....	\$10,000,000
Minnesota .....	Minneapolis-St Paul IAP .....	\$9,000,000
North Carolina .....	Seymour Johnson Air Force Base .....	\$6,400,000
Texas .....	NAS JRB Fort Worth .....	\$3,100,000
Utah .....	Hill Air Force Base .....	\$3,100,000

3 **SEC. 2606. AUTHORIZATION OF APPROPRIATIONS, NA-**  
4 **TIONAL GUARD AND RESERVE.**

5 Funds are hereby authorized to be appropriated for  
6 fiscal years beginning after September 30, 2017, for the  
7 costs of acquisition, architectural and engineering services,  
8 and construction of facilities for the Guard and Reserve  
9 Forces, and for contributions therefor, under chapter  
10 1803 of title 10, United States Code (including the cost  
11 of acquisition of land for those facilities), as specified in  
12 the funding table in section 4601.

13 **Subtitle B—Other Matters**

14 **SEC. 2611. MODIFICATION OF AUTHORITY TO CARRY OUT**  
15 **CERTAIN FISCAL YEAR 2015 PROJECT.**

16 In the case of the authorization contained in the table  
17 in section 2602 of the Military Construction Authorization  
18 Act for Fiscal Year 2015 (division B of Public Law 113–  
19 291; 128 Stat. 3688) for Starkville, Mississippi, for con-  
20 struction of an Army Reserve Center at that location, the

1 Secretary of the Army may acquire approximately fifteen  
2 acres (653,400 square feet) of land.

3 **SEC. 2612. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
4 **FISCAL YEAR 2014 PROJECTS.**

5 (a) EXTENSION.—Notwithstanding section 2002 of  
6 the Military Construction Act for Fiscal Year 2014 (divi-  
7 sion B of Public Law 113–66; 127 Stat. 985), the author-  
8 izations set forth in the table in subsection (b), as provided  
9 in sections 2602, 2604, and 2605 of that Act (127 Stat.  
10 1001, 1002), shall remain in effect until October 1, 2018,  
11 or the date of the enactment of an Act authorizing funds  
12 for military construction for fiscal year 2019, whichever  
13 is later.

14 (b) TABLE.—The table referred to in subsection (a)  
15 is as follows:

**National Guard and Reserve: Extension of 2014 Project  
Authorizations**

State	Installation or Location	Project	Amount
Florida .....	Homestead ARB .....	Entry Control Complex	\$9,800,000
Maryland .....	Fort Meade .....	175th Network Warfare Squadron Facility	\$4,000,000
New York .....	Bullville .....	Army Reserve Center	\$14,500,000

16 **SEC. 2613. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
17 **FISCAL YEAR 2015 PROJECTS.**

18 (a) EXTENSION.—Notwithstanding section 2002 of  
19 the Military Construction Act for Fiscal Year 2015 (divi-  
20 sion B of Public Law 113–291; 128 Stat. 3669), the au-  
21 thorizations set forth in the table in subsection (b), as pro-

1 vided in sections 2602 and 2604 of that Act (128 Stat.  
 2 3688, 3689), shall remain in effect until October 1, 2018,  
 3 or the date of the enactment of an Act authorizing funds  
 4 for military construction for fiscal year 2019, whichever  
 5 is later.

6 (b) TABLE.—The table referred to in subsection (a)  
 7 is as follows:

**National Guard and Reserve: Extension of 2015 Project  
 Authorizations**

State	Location	Project	Amount
Mississippi .....	Starkville .....	Army Reserve Center	\$9,300,000
New Hampshire .....	Pease .....	KC-46A ADAL Airfield Pave- ments and Hy- drant Systems	\$7,100,000

8 **TITLE XXVII—BASE REALIGN-**  
 9 **MENT AND CLOSURE ACTIVI-**  
 10 **TIES**

Sec. 2701. Authorization of appropriations for base realignment and closure activities funded through Department of Defense base closure account.

Sec. 2702. Prohibition on conducting additional base realignment and closure (BRAC) round.

11 **SEC. 2701. AUTHORIZATION OF APPROPRIATIONS FOR**  
 12 **BASE REALIGNMENT AND CLOSURE ACTIVI-**  
 13 **TIES FUNDED THROUGH DEPARTMENT OF**  
 14 **DEFENSE BASE CLOSURE ACCOUNT.**

15 Funds are hereby authorized to be appropriated for  
 16 fiscal years beginning after September 30, 2017, for base  
 17 realignment and closure activities, including real property  
 18 acquisition and military construction projects, as author-

1 ized by the Defense Base Closure and Realignment Act  
2 of 1990 (part A of title XXIX of Public Law 101–510;  
3 10 U.S.C. 2687 note) and funded through the Department  
4 of Defense Base Closure Account established by section  
5 2906 of such Act (as amended by section 2711 of the Mili-  
6 tary Construction Authorization Act for Fiscal Year 2013  
7 (division B of Public Law 112–239; 126 Stat. 2140)), as  
8 specified in the funding table in section 4601.

9 **SEC. 2702. PROHIBITION ON CONDUCTING ADDITIONAL**  
10 **BASE REALIGNMENT AND CLOSURE (BRAC)**  
11 **ROUND.**

12 Nothing in this Act shall be construed to authorize  
13 an additional Base Realignment and Closure (BRAC)  
14 round.

15 **TITLE XXVIII—MILITARY CON-**  
16 **STRUCTION GENERAL PROVI-**  
17 **SIONS**

Subtitle A—Military Construction Program and Military Family Housing

- Sec. 2801. Elimination of written notice requirement for military construction activities and reliance on electronic submission of notifications and reports.
- Sec. 2802. Modification of thresholds applicable to unspecified minor construction projects.
- Sec. 2803. Annual locality adjustment of dollar thresholds applicable to unspecified minor military construction authorities.
- Sec. 2804. Extension of temporary, limited authority to use operation and maintenance funds for construction projects outside the United States.
- Sec. 2805. Use of operation and maintenance funds for military construction projects to replace facilities damaged or destroyed by natural disasters or terrorism incidents.
- Sec. 2806. Annual report on unfunded requirements for laboratory military construction projects.



## Subtitle B—Real Property and Facilities Administration

- Sec. 2811. Elimination of written notice requirement for military real property transactions and reliance on electronic submission of notifications and reports.
- Sec. 2812. Certification related to certain acquisitions or leases of real property.
- Sec. 2813. Increased term limit for intergovernmental support agreements to provide installation support services.
- Sec. 2814. Authorizing reimbursement of States for costs of suppressing wildfires caused by Department of Defense activities on State lands; restoration of lands of other Federal agencies for damage caused by Department of Defense vehicle mishaps.
- Sec. 2815. Criteria for exchanges of property at military installations.
- Sec. 2816. Land exchange valuation of property with reduced development that limits encroachment on military installations.
- Sec. 2817. Requirements for window fall prevention devices in military family housing.
- Sec. 2818. Prohibiting use of updated assessment of public schools on Department of Defense installations to supersede funding of certain projects.
- Sec. 2819. Access to military installations by transportation network companies.

## Subtitle C—Project Management and Oversight Reforms

- Sec. 2821. Notification requirement for certain cost increases.
- Sec. 2822. Annual report on schedule delays.
- Sec. 2823. Report on design errors and omissions related to Fort Bliss hospital replacement project.
- Sec. 2824. Report on cost increase and delay related to USSTRATCOM command and control facility project at Offutt Air Force Base.

## Subtitle D—Energy Resilience

- Sec. 2831. Energy resilience.
- Sec. 2832. Authority to use energy cost savings for energy resilience, mission assurance, and weather damage repair and prevention measures.
- Sec. 2833. Consideration of energy security and energy resilience in awarding energy and fuel contracts for military installations.
- Sec. 2834. Requirement to address energy resilience in exercising utility system conveyance authority.
- Sec. 2835. In-kind lease payments; prioritization of utility services that promote energy resilience.
- Sec. 2836. Annual Department of Defense energy management reports.
- Sec. 2837. Aggregation of energy efficiency and energy resilience projects in life cycle cost analyses.

## Subtitle E—Land Conveyances

- Sec. 2841. Land exchange, Naval Industrial Reserve Ordnance Plant, Sunnyvale, California.
- Sec. 2842. Land conveyance, Mountain Home Air Force Base, Idaho.
- Sec. 2843. Lease of real property to the United States Naval Academy Alumni Association and Naval Academy Foundation at United States Naval Academy, Annapolis, Maryland.

- Sec. 2844. Land conveyance, Natick Soldier Systems Center, Massachusetts.
- Sec. 2845. Land exchange, Naval Air Station Corpus Christi, Texas.
- Sec. 2846. Imposition of additional conditions on future use of Castner Range, Fort Bliss, Texas.
- Sec. 2847. Land conveyance, former missile alert facility known as Quebec-01, Laramie County, Wyoming.

Subtitle F—Military Memorials, Monuments, and Museums

- Sec. 2861. Recognition of the National Museum of World War II Aviation.
- Sec. 2862. Principal office of Aviation Hall of Fame.
- Sec. 2863. Establishment of a visitor services facility on the Arlington Ridge tract.
- Sec. 2864. Modification of prohibition on transfer of veterans memorial objects to foreign governments without specific authorization in law.

Subtitle G—Other Matters

- Sec. 2871. Authority of the Secretary of the Air Force to accept lessee improvements at Air Force Plant 42.
- Sec. 2872. Modification of Department of Defense guidance on use of airfield pavement markings.
- Sec. 2873. Authority of Chief Operating Officer of Armed Forces Retirement Home to acquire and lease property.
- Sec. 2874. Restrictions on rehabilitation of Over-the-Horizon Backscatter Radar Station.
- Sec. 2875. Permitting machine room-less elevators in Department of Defense facilities.
- Sec. 2876. Disclosure of beneficial ownership by foreign persons of high security space leased by the Department of Defense.
- Sec. 2877. Joint use of Dobbins Air Reserve Base, Marietta, Georgia, with civil aviation.
- Sec. 2878. Report on hurricane damage to Department of Defense assets.
- Sec. 2879. Special rules for certain projects.
- Sec. 2880. Energy security for military installations in Europe.

1 **Subtitle A—Military Construction**  
2 **Program and Military Family**  
3 **Housing**

4 **SEC. 2801. ELIMINATION OF WRITTEN NOTICE REQUIRE-**  
5 **MENT FOR MILITARY CONSTRUCTION ACTIVI-**  
6 **TIES AND RELIANCE ON ELECTRONIC SUB-**  
7 **MISSION OF NOTIFICATIONS AND REPORTS.**

8 (a) MILITARY CONSTRUCTION AUTHORITIES.—Sub-  
9 chapter I of chapter 169 of title 10, United States Code,  
10 is amended as follows:

11 (1) Section 2803(b) is amended—

12 (A) by striking “in writing”;

13 (B) by striking “seven-day period” and in-  
14 sserting “five-day period”; and

15 (C) by striking “or, if earlier, the end of  
16 the seven-day period beginning on the date on  
17 which a copy of the notification is provided”.

18 (2) Section 2804(b) is amended—

19 (A) by striking “in writing”;

20 (B) by striking “14-day period” and in-  
21 sserting “seven-day period; and”

22 (C) by striking “or, if earlier, the end of  
23 the seven-day period beginning on the date on  
24 which a copy of the notification is provided”.

25 (3) Section 2805 is amended—

1 (A) in subsection (b)(2)—

2 (i) by striking “in writing”;

3 (ii) by striking “21-day period” and  
4 inserting “14-day period”; and

5 (iii) by striking “or, if earlier, the end  
6 of the 14-day period beginning on the date  
7 on which a copy of the notification is pro-  
8 vided”; and

9 (B) in subsection (d)(3)—

10 (i) by striking “in writing”;

11 (ii) by striking “21-day period” and  
12 inserting “14-day period”; and

13 (iii) by striking “or, if earlier, the end  
14 of the 14-day period beginning on the date  
15 on which a copy of the notification is pro-  
16 vided”.

17 (4) Section 2806(c) is amended—

18 (A) in paragraph (1), by inserting “of De-  
19 fense” after “The Secretary”; and

20 (B) by striking “(A)” and all that follows  
21 through the end of the paragraph and inserting  
22 the following: “, only after the end of the 14-  
23 day period beginning on the date on which the  
24 Secretary submits, in an electronic medium pur-  
25 suant to section 480 of this title, to the appro-

1           appropriate committees of Congress notice of the in-  
2           crease, including the reasons for the increase  
3           and the source of the funds to be used for the  
4           increase.”.

5           (5) Section 2807 is amended—

6                   (A) in subsection (b)—

7                           (i) by striking “21-day period” and  
8                           inserting “14-day period”; and

9                           (ii) by striking “or, if earlier, the end  
10                          of the 14-day period beginning on the date  
11                          on which a copy of the report is provided”;  
12                          and

13                          (B) in subsection (c), by striking “(1)”  
14                          and all that follows through the end of the sub-  
15                          section and inserting the following: “only after  
16                          the end of the 14-day period beginning on the  
17                          date on which the Secretary submits, in an elec-  
18                          tronic medium pursuant to section 480 of this  
19                          title, to the appropriate committees of Congress  
20                          notice of the need for the increase, including  
21                          the source of funds to be used for the in-  
22                          crease.”.

23           (6) Section 2808(b) is amended by inserting  
24           after “notify” the following: “, in an electronic me-  
25           dium pursuant to section 480 of this title,”.

1           (7) Section 2809 is amended by striking sub-  
2           section (f) and inserting the following new sub-  
3           section:

4           “(f) NOTICE AND WAIT REQUIREMENTS.—The Sec-  
5           retary concerned may enter into a contract under this sec-  
6           tion only after the end of the 14-day period beginning on  
7           the date on which the Secretary submits, in an electronic  
8           medium pursuant to section 480 of this title, to the appro-  
9           priate committees of Congress a justification of the need  
10          for the facility covered by the proposed contract, including  
11          an economic analysis (based upon accepted life cycle cost-  
12          ing procedures) which demonstrates that the proposed  
13          contract is cost effective when compared with alternative  
14          means of furnishing the same facility.”.

15          (8) Section 2811(d) is amended by inserting  
16          after “submit” the following: “, in an electronic me-  
17          dium pursuant to section 480 of this title,”.

18          (9) Section 2812(c) is amended by striking  
19          paragraph (1) and inserting the following new para-  
20          graph:

21          “(1) The Secretary concerned may enter into a lease  
22          under this section only after the end of the 14-day period  
23          beginning on the date on which the Secretary submits, in  
24          an electronic medium pursuant to section 480 of this title,  
25          to the appropriate committees of Congress a justification

1 of the need for the facility covered by the proposed lease,  
2 including an economic analysis (based upon accepted life-  
3 cycle costing procedures) that demonstrates the cost effec-  
4 tiveness of the proposed lease compared with a military  
5 construction project for the same facility.”.

6 (10) Section 2813(c) is amended—

7 (A) by striking “transmits to the appro-  
8 priate committees of Congress a written notifi-  
9 cation” and inserting “notifies the appropriate  
10 committees of Congress”;

11 (B) by striking “21-day period” and in-  
12 serting “14-day period”; and

13 (C) by striking “or, if earlier, the end of  
14 the 14-day period beginning on the date on  
15 which a copy of the report is provided”.

16 (11) Section 2814 is amended by striking sub-  
17 section (g) and inserting the following:

18 “(g) NOTICE AND WAIT REQUIREMENTS.—The Sec-  
19 retary of the Navy may carry out a transaction authorized  
20 by this section only after the end of the 20-day period  
21 beginning on the date on which the Secretary submits, in  
22 an electronic medium pursuant to section 480 of this title,  
23 to the appropriate committees of Congress notice of the  
24 transaction, including a detailed description of the trans-  
25 action and a justification for the transaction specifying the

1 manner in which the transaction will meet the purposes  
2 of this section.”.

3 (b) MILITARY FAMILY HOUSING ACTIVITIES.—Sub-  
4 chapter II of chapter 169 of title 10, United States Code,  
5 is amended as follows:

6 (1) Section 2825(b) is amended—

7 (A) by redesignating paragraphs (2), (3),  
8 and (4) as paragraphs (3), (4), and (5), respec-  
9 tively;

10 (B) in paragraph (5), as redesignated—

11 (i) by striking “the first sentence of”;

12 and

13 (ii) by striking “in that sentence” and  
14 inserting “in that paragraph”; and

15 (C) in paragraph (1)—

16 (i) in the second sentence, by striking  
17 “The Secretary concerned may waive the  
18 limitations contained in the preceding sen-  
19 tence” and inserting the following:

20 “(2) The Secretary concerned may waive the limita-  
21 tions contained in paragraph (1)”;

22 (ii) in the third sentence, by striking  
23 “the Secretary transmits” and all that fol-  
24 lows through the end of the sentence and  
25 inserting the following: “the end of the 14-



1 day period beginning on the date on which  
2 the Secretary submits, in an electronic me-  
3 dium pursuant to section 480 of this title,  
4 to the appropriate committees of Congress  
5 notice of the proposed waiver, together  
6 with an economic analysis demonstrating  
7 that the improvement will be cost effec-  
8 tive.”.

9 (2) Section 2827 is amended—

10 (A) in subsection (a), by inserting “RELO-  
11 CATION AUTHORITY.—” after “(a)”;

12 (B) by striking subsection (b) and insert-  
13 ing the following new subsection:

14 “(b) NOTICE AND WAIT REQUIREMENTS.—A con-  
15 tract to carry out a relocation of military family housing  
16 units under subsection (a) may be awarded only after the  
17 end of the 14-day period beginning on the date on which  
18 the Secretary concerned submits, in an electronic medium  
19 pursuant to section 480 of this title, to the appropriate  
20 committees of Congress notice of the proposed new loca-  
21 tions of the housing units to be relocated and the esti-  
22 mated cost of and source of funds for the relocation.”.

23 (3) Section 2828(f) is amended by striking  
24 “may not be made” and all that follows through the  
25 end of the subsection and inserting “may be made

1 under this section only after the end of the 14-day  
2 period beginning on the date on which the Secretary  
3 concerned submits, in an electronic medium pursu-  
4 ant to section 480 of this title, to the appropriate  
5 committees of Congress notice of the facts con-  
6 cerning the proposed lease.”.

7 (4) Subsection (e) of section 2831, as redesi-  
8 gnated by section 1051(a)(21), is further amended by  
9 striking “until—” and all that follows through the  
10 end of the subsection and inserting the following:  
11 “until after the end of the 14-day period beginning  
12 on the date on which the Secretary submits, in an  
13 electronic medium pursuant to section 480 of this  
14 title, to the appropriate committees of Congress a  
15 justification of the need for the maintenance or re-  
16 pair project, including an estimate of the cost of the  
17 project.”.

18 (5) Section 2835 is amended by striking sub-  
19 section (g) and inserting the following new sub-  
20 section:

21 “(g) NOTICE AND WAIT REQUIREMENTS.—A con-  
22 tract may be entered into for the lease of housing facilities  
23 under this section only after the end of the 14-day period  
24 beginning on the date on which the Secretary of Defense,  
25 or the Secretary of Homeland Security with respect to the

1 Coast Guard when it is not operating as a service in the  
2 Navy, submits, in an electronic medium pursuant to sec-  
3 tion 480 of this title, to the appropriate committees of  
4 Congress an economic analysis (based upon accepted life  
5 cycle costing procedures) which demonstrates that the pro-  
6 posed contract is cost-effective when compared with alter-  
7 native means of furnishing the same housing facilities.”.

8 (6) Section 2835a(c) is amended by striking  
9 “until—” and all that follows through the end of the  
10 subsection and inserting the following: “until after  
11 the end of the 14-day period beginning on the date  
12 on which the Secretary submits, in an electronic me-  
13 dium pursuant to section 480 of this title, to the ap-  
14 propriate committees of Congress a notice of the in-  
15 tent to undertake the conversion.”.

16 (c) ADMINISTRATIVE PROVISIONS.—Subchapter III  
17 of chapter 169 of title 10, United States Code, is amended  
18 as follows:

19 (1) Section 2853(c) is amended—

20 (A) by striking “in writing” both places it  
21 appears;

22 (B) in paragraph (1)(B)—

23 (i) by striking “period of 21 days”  
24 and inserting “14-day period”; and

1 (ii) by striking “or, if over sooner, a  
2 period of 14 days has elapsed after the  
3 date on which a copy of the notification is  
4 provided”; and

5 (C) in paragraph (2), by inserting after  
6 “notifies” the following: “, using an electronic  
7 medium pursuant to section 480 of this title,”.

8 (2) Section 2854(b) is amended—

9 (A) by striking “in writing”;

10 (B) by striking “21-day period” and in-  
11 serting “14-day period”; and

12 (C) by striking “or, if earlier, the end of  
13 the seven-day period beginning on the date on  
14 which a copy of the notification is provided”.

15 (3) Section 2854a is amended by striking sub-  
16 section (c) and inserting the following new sub-  
17 section:

18 “(c) NOTICE AND WAIT REQUIREMENTS.—(1) The  
19 Secretary concerned may enter into an agreement to con-  
20 vey a family housing facility under this section only after  
21 the end of the 14-day period beginning on the date on  
22 which the Secretary submits, in an electronic medium pur-  
23 suant to section 480 of this title, to the appropriate com-  
24 mittees of Congress a notice containing a justification for  
25 the conveyance under the agreement.

1 “(2) A notice under paragraph (1) shall include—

2 “(A) an estimate of the consideration to be pro-  
3 vided the United States under the agreement;

4 “(B) an estimate of the cost of repairing the  
5 family housing facility to be conveyed; and

6 “(C) an estimate of the cost of replacing the  
7 family housing facility to be conveyed.”.

8 (4) Section 2861(c) is amended—

9 (A) by striking “in writing”;

10 (B) by striking “21-day period” and in-  
11 sserting “14-day period”; and

12 (C) by striking “or, if earlier, the end of  
13 the 14-day period beginning on the date on  
14 which a copy of the notification is provided”.

15 (5) Section 2866(c)(2) is amended—

16 (A) by striking “21-day period” and in-  
17 sserting “14-day period”; and

18 (B) by striking “or, if earlier, the end of  
19 the 14-day period beginning on the date on  
20 which a copy of the notification is provided”.

21 (6) Section 2869(d)(3) is amended—

22 (A) in the first sentence, by striking “after  
23 a period of 21 days” and all that follows  
24 through the end of the sentence and inserting  
25 the following: “after the end of the 14-day pe-

1           riod beginning on the date of the submission of  
2           the notice in an electronic medium pursuant to  
3           section 480 of this title.”; and

4           (B) in the second sentence, by striking  
5           “only after” and all that follows through the  
6           end of the sentence and inserting the following:  
7           “only after the end of the 45-day period begin-  
8           ning on the date of the submission of the notice  
9           in an electronic medium pursuant to section  
10          480 of this title.”

11          (d) ALTERNATIVE AUTHORITY FOR ACQUISITION  
12          AND IMPROVEMENT OF MILITARY HOUSING.—Subchapter  
13          IV of chapter 169 of title 10, United States Code, is  
14          amended as follows:

15               (1) Section 2881a(d)(2) is amended by insert-  
16               ing after “Congress” the following: “in an electronic  
17               medium pursuant to section 480 of this title”.

18               (2) Section 2883(f) is amended—

19                     (A) by striking “30-day period” and in-  
20                     serting “14-day period”;

21                     (B) by striking “written”; and

22                     (C) by striking “or, if earlier, the end of  
23                     the 14-day period beginning on the date on  
24                     which a copy of the notice and justification is  
25                     provided”.

1           (3) Section 2884(a) is amended by striking  
2           paragraph (4) and inserting the following new para-  
3           graph:

4           “(4) The report shall be submitted in an electronic  
5           medium pursuant to section 480 of this title not later than  
6           21 days before the date on which the Secretary issues the  
7           contract solicitation or offers the conveyance or lease.”.

8           (4) Section 2885 is amended—

9           (A) in subsection (a)(4)(B)—

10                   (i) by inserting after “notify” the fol-  
11                   lowing: “, in an electronic medium pursu-  
12                   ant to section 480 of this title,”; and

13                   (ii) by striking “, and shall provide”  
14                   and inserting “and include”; and

15           (B) in subsection (d), by inserting after  
16           “submit” the following: “, in an electronic me-  
17           dium pursuant to section 480 of this title,”.

18           (e) ENERGY SECURITY ACTIVITIES.—Chapter 173 of  
19           title 10, United States Code, is amended as follows:

20           (1) Section 2914(b)(1) is amended—

21                   (A) by striking “in writing”;

22                   (B) by striking “21-day period” and in-  
23                   serting “14-day period”; and

1 (C) by striking “or, if earlier, the end of  
2 the 14-day period beginning on the date on  
3 which a copy of the notification is provided”.

4 (2) Section 2916(c) is amended—

5 (A) by striking “in writing”;

6 (B) by striking “21-day period” and in-  
7 serting “14-day period”; and

8 (C) by striking “or, if earlier, the end of  
9 the 14-day period beginning on the date on  
10 which a copy of the notification is provided”.

11 (f) MILITARY CONSTRUCTION CARRIED OUT USING  
12 BURDEN SHARING CONTRIBUTIONS.—Section 2350j(e)(2)  
13 of title 10, United States Code, is amended—

14 (1) by striking “21-day period” and inserting  
15 “14-day period”; and

16 (2) by striking “or, if earlier, the end of the 14-  
17 day period beginning on the date on which a copy  
18 of the report is provided”.

19 (g) ACQUISITION OF FACILITIES FOR RESERVE COM-  
20 PONENTS BY EXCHANGE.—Section 18240(f)(2) of title  
21 10, United States Code, is amended—

22 (1) by striking “30-day period” and inserting  
23 “21-day period”; and



1           (2) by striking “or, if earlier, the end of the 21-  
2           day period beginning on the date on which a copy  
3           of the report is provided”.

4   **SEC. 2802. MODIFICATION OF THRESHOLDS APPLICABLE**  
5                   **TO UNSPECIFIED MINOR CONSTRUCTION**  
6                   **PROJECTS.**

7           (a) INCREASE IN THRESHOLD; UNIFORM THRESH-  
8   OLD FOR ALL PROJECTS.—Section 2805(a)(2) of title 10,  
9   United States Code, is amended—

10           (1) in the first sentence, by striking  
11           “\$3,000,000” and inserting “\$6,000,000”; and

12           (2) by striking the second sentence.

13           (b) APPROVAL BY SECRETARY CONCERNED.—Sec-  
14   tion 2805(b)(1) of such title is amended by striking  
15   “\$1,000,000” and inserting “\$750,000”.

16           (c) CONGRESSIONAL NOTIFICATION.—Section  
17   2805(b)(2) of such title is amended by striking “to which  
18   paragraph (1) is applicable” and inserting “to which para-  
19   graph (1) is applicable and which costs more than  
20   \$2,000,000”.

21           (d) USE OF OPERATION AND MAINTENANCE  
22   FUNDS.—Section 2805(c) of such title is amended by  
23   striking “\$1,000,000” and inserting “\$2,000,000”.

1 **SEC. 2803. ANNUAL LOCALITY ADJUSTMENT OF DOLLAR**  
2 **THRESHOLDS APPLICABLE TO UNSPECIFIED**  
3 **MINOR MILITARY CONSTRUCTION AUTHORI-**  
4 **TIES.**

5 Section 2805 of title 10, United States Code, is  
6 amended by adding at the end the following new sub-  
7 section:

8 “(f) ADJUSTMENT OF DOLLAR LIMITATIONS FOR LO-  
9 CATION.—

10 “(1) ADJUSTMENT OF LIMITATIONS.—Each fis-  
11 cal year, the Secretary concerned shall adjust the  
12 dollar limitations specified in this section applicable  
13 to an unspecified minor military construction project  
14 inside the United States to reflect the area construc-  
15 tion cost index for military construction projects  
16 published by the Department of Defense during the  
17 prior fiscal year for the location of the project, ex-  
18 cept that no limitation specified in this section may  
19 exceed \$10,000,000 as the result of any adjustment  
20 made under this paragraph.

21 “(2) LOCATION OF PROJECTS.—For purposes  
22 of paragraph (1), a project shall be considered to be  
23 inside the United States if the project is carried out  
24 in any of the several States, the District of Colum-  
25 bia, the Commonwealth of Puerto Rico, Guam,  
26 American Samoa, the United States Virgin Islands,

1 or the Commonwealth of the Northern Mariana Is-  
2 lands.

3 “(3) SUNSET.—The requirements of this sub-  
4 section shall not apply with respect to any fiscal year  
5 after fiscal year 2022.”.

6 **SEC. 2804. EXTENSION OF TEMPORARY, LIMITED AUTHOR-**  
7 **ITY TO USE OPERATION AND MAINTENANCE**  
8 **FUNDS FOR CONSTRUCTION PROJECTS OUT-**  
9 **SIDE THE UNITED STATES.**

10 (a) EXTENSION OF AUTHORITY.—Subsection (h) of  
11 section 2808 of the Military Construction Authorization  
12 Act for Fiscal Year 2004 (division B of Public Law 108–  
13 136; 117 Stat. 1723), as most recently amended by sec-  
14 tion 2804 of the Military Construction Authorization Act  
15 for Fiscal Year 2017 (division B of Public Law 114–328;  
16 130 Stat. 2713), is amended—

17 (1) in paragraph (1), by striking “December  
18 31, 2017” and inserting “December 31, 2018”; and

19 (2) in paragraph (2), by striking “fiscal year  
20 2018” and inserting “fiscal year 2019”.

21 (b) LIMITATION ON USE OF AUTHORITY.—Sub-  
22 section (c)(1) of such section is amended—

23 (1) by striking “October 1, 2016” and inserting  
24 “October 1, 2017”;

1           (2) by striking “December 31, 2017” and in-  
2           serting “December 31, 2018”; and

3           (3) by striking “fiscal year 2018” and inserting  
4           “fiscal year 2019”.

5 **SEC. 2805. USE OF OPERATION AND MAINTENANCE FUNDS**  
6                           **FOR MILITARY CONSTRUCTION PROJECTS TO**  
7                           **REPLACE FACILITIES DAMAGED OR DE-**  
8                           **STROYED BY NATURAL DISASTERS OR TER-**  
9                           **RORISM INCIDENTS.**

10          (a) **AUTHORIZING USE OF FUNDS.**—Section 2854 of  
11 title 10, United States Code, is amended by adding at the  
12 end the following new subsection:

13          “(c)(1) In using the authority described in subsection  
14 (a) to carry out a military construction project to replace  
15 a facility, including a family housing facility, that has been  
16 damaged or destroyed, the Secretary concerned may use  
17 appropriations available for operation and maintenance  
18 if—

19               “(A) the damage or destruction to the facility  
20 was the result of a natural disaster or a terrorism  
21 incident; and

22               “(B) the Secretary submits a notification to the  
23 appropriate committees of Congress of the decision  
24 to carry out the replacement project, and includes in  
25 the notification—

1           “(i) the current estimate of the cost of the  
2 replacement project;

3           “(ii) the source of funds for the replace-  
4 ment project;

5           “(iii) in the case of damage to a facility  
6 rather than destruction, a certification that the  
7 replacement project is more cost-effective than  
8 repair or restoration; and

9           “(iv) a certification that deferral of the re-  
10 placement project for inclusion in the next Mili-  
11 tary Construction Authorization Act would be  
12 inconsistent with national security or the pro-  
13 tection of health, safety, or environmental qual-  
14 ity, as the case may be.

15       “(2) A replacement project under this subsection may  
16 be carried out only after the end of the 7-day period begin-  
17 ning on the date on which a copy of the notification de-  
18 scribed in paragraph (1) is provided in an electronic me-  
19 dium pursuant to section 480 of this title.

20       “(3) The maximum aggregate amount that the Sec-  
21 retary concerned may obligate from appropriations avail-  
22 able for operation and maintenance in any fiscal year for  
23 replacement projects under the authority of this sub-  
24 section is \$50,000,000.”.

1 (b) CONFORMING AMENDMENT.—Subsection (b) of  
2 section 2854 of such title, as amended by section  
3 2801(c)(2), is amended by striking “under this section”  
4 and inserting “under subsection (a)”.

5 **SEC. 2806. ANNUAL REPORT ON UNFUNDED REQUIRE-**  
6 **MENTS FOR LABORATORY MILITARY CON-**  
7 **STRUCTION PROJECTS.**

8 The Under Secretary of Defense for Research and  
9 Engineering, in coordination with the Assistant Secretary  
10 of Defense for Energy, Installations, and Environment,  
11 shall submit to the congressional defense committees each  
12 year, at the time the budget of the President for the fiscal  
13 year beginning in such year is submitted to Congress  
14 under section 1105(a) of title 31, United States Code, a  
15 reporting listing unfunded requirements on major and  
16 minor military construction projects for Department of  
17 Defense science and technology laboratories and facilities  
18 and test and evaluation facilities, and shall include a De-  
19 partment of Defense Form DD1391 for each major and  
20 minor military construction project included in the report.

1           **Subtitle B—Real Property and**  
2           **Facilities Administration**

3   **SEC. 2811. ELIMINATION OF WRITTEN NOTICE REQUIRE-**  
4                   **MENT FOR MILITARY REAL PROPERTY**  
5                   **TRANSACTIONS AND RELIANCE ON ELEC-**  
6                   **TRONIC SUBMISSION OF NOTIFICATIONS AND**  
7                   **REPORTS.**

8           (a) GENERAL REAL PROPERTY TRANSACTION RE-  
9   REPORT.—Section 2662(a) of title 10, United States Code,  
10 is amended by amending paragraph (3) to read as follows:

11           “(3) The authority of the Secretary concerned to  
12 enter into a transaction described in paragraph (1) com-  
13 mences only after the end of the 14-day period beginning  
14 on the first day of the first month beginning on or after  
15 the date on which the report containing the facts con-  
16 cerning such transaction, and all other such proposed  
17 transactions for that month, is provided in an electronic  
18 medium pursuant to section 480 of this title.”.

19           (b) ACQUISITION OF INTERESTS IN LAND WHEN  
20 NEED IS URGENT.—Section 2663(d)(2) of title 10,  
21 United States Code, is amended—

22           (1) by inserting after “submit” the following: “,  
23 in an electronic medium pursuant to section 480 of  
24 this title,”; and

1           (2) by striking “written notice” and inserting  
2           “a notice”.

3           (c) ACQUISITION OF LAND BY CONDEMNATION FOR  
4 CERTAIN MILITARY PURPOSES.—Section 2663(f)(2) of  
5 title 10, United States Code, is amended by striking “or,  
6 if over sooner, the end of the 14-day period beginning on  
7 the date on which a copy of the report is provided”.

8           (d) EXCEPTIONS TO LIMITATIONS ON LAND ACQUI-  
9 TION REDUCTION IN SCOPE OR INCREASE IN COST.—Sec-  
10 tion 2664(d) of title 10, United States Code, is amended—

11           (1) by striking “written”;

12           (2) by striking “a period of 21 days elapses  
13 from” and inserting “the end of the 14-day period  
14 beginning on”; and

15           (3) by striking “or, if over sooner, a period of  
16 14 days elapses from the date on which a copy of  
17 that notification is provided”.

18           (e) LEASES OF NON-EXCESS DEFENSE PROPERTY.—  
19 Section 2667(d)(3) of title 10, United States Code, is  
20 amended by striking “provide to the congressional defense  
21 committees written notice” and inserting “submit, in an  
22 electronic medium pursuant to section 480 of this title,  
23 to the congressional defense committees a notice”.

24           (f) MAINTENANCE AND REPAIR AND JURISDICTION  
25 OVER FACILITIES FOR DEFENSE AGENCIES.—Section



1 2682(c)(2) of title 10, United States Code, is amended  
2 by striking “to the appropriate congressional committees  
3 written notification” and inserting “, in an electronic me-  
4 dium pursuant to section 480 of this title, to the appro-  
5 priate congressional committees a notice”.

6 (g) AGREEMENTS TO LIMIT ENCROACHMENTS AND  
7 OTHER CONSTRAINTS ON MILITARY TRAINING, TESTING,  
8 AND OPERATIONS.—Section 2684a(d)(4)(D) of title 10,  
9 United States Code, is amended—

10 (1) in clause (i), by striking “provides written  
11 notice” and inserting “submits, in an electronic me-  
12 dium pursuant to section 480 of this title, a notice”;  
13 and

14 (2) in clause (ii), by striking “14 days” and all  
15 that follows through the end of the clause and in-  
16 serting the following: “10 days after the date on  
17 which the notice is submitted under clause (i).”.

18 (h) CONVEYANCE OF SURPLUS REAL PROPERTY FOR  
19 NATURAL RESOURCE CONSERVATION.—Section 2694a of  
20 title 10, United States Code, is amended by striking sub-  
21 section (e) and inserting the following new subsection:

22 “(e) NOTICE AND WAIT REQUIREMENTS.—The Sec-  
23 retary concerned may not approve of the reconveyance of  
24 real property under subsection (c) or grant the release of  
25 a covenant under subsection (d) until after the end of the

1 14-day period beginning on the date on which the Sec-  
2 retary submits, in an electronic medium pursuant to sec-  
3 tion 480 of this title, to the appropriate committees of  
4 Congress a notice of the proposed reconveyance or re-  
5 lease.”.

6 **SEC. 2812. CERTIFICATION RELATED TO CERTAIN ACQUISI-**  
7 **TIONS OR LEASES OF REAL PROPERTY.**

8 Section 2662(a) of title 10, United States Code, is  
9 amended—

10 (1) in paragraph (2), by striking the period at  
11 the end of the first sentence and inserting the fol-  
12 lowing: “, as well as the certification described in  
13 paragraph (5).”; and

14 (2) by adding at the end the following:

15 “(5) For purposes of paragraph (2), the certification  
16 described in this paragraph with respect to an acquisition  
17 or lease of real property is a certification that the Sec-  
18 retary concerned—

19 “(A) evaluated the feasibility of using space in  
20 property under the jurisdiction of the Department of  
21 Defense to satisfy the purposes of the acquisition or  
22 lease; and

23 “(B) determined that—

24 “(i) space in property under the jurisdic-  
25 tion of the Department of Defense is not rea-

1 sonably available to be used to satisfy the pur-  
2 poses of the acquisition or lease;

3 “(ii) acquiring the property or entering  
4 into the lease would be more cost-effective than  
5 the use of the Department of Defense property;  
6 or

7 “(iii) the use of the Department of De-  
8 fense property would interfere with the ongoing  
9 military mission of the property.”.

10 **SEC. 2813. INCREASED TERM LIMIT FOR INTERGOVERN-**  
11 **MENTAL SUPPORT AGREEMENTS TO PRO-**  
12 **VIDE INSTALLATION SUPPORT SERVICES.**

13 Section 2679(a)(2)(A) of title 10, United States  
14 Code, is amended by striking “five years” and inserting  
15 “ten years”.

16 **SEC. 2814. AUTHORIZING REIMBURSEMENT OF STATES FOR**  
17 **COSTS OF SUPPRESSING WILDFIRES CAUSED**  
18 **BY DEPARTMENT OF DEFENSE ACTIVITIES**  
19 **ON STATE LANDS; RESTORATION OF LANDS**  
20 **OF OTHER FEDERAL AGENCIES FOR DAMAGE**  
21 **CAUSED BY DEPARTMENT OF DEFENSE VEHI-**  
22 **CLE MISHAPS.**

23 (a) **AUTHORITIES.**—Section 2691 of title 10, United  
24 States Code, is amended—

1           (1) in subsection (a), by striking “or lease”  
2           each place it appears;

3           (2) in subsection (b), by striking “or lease”;

4           (3) in subsection (c), by striking “lease,”; and

5           (4) by adding at the end the following new sub-  
6           sections:

7           “(d) WILDLAND FIRES ON STATE LAND.—The Sec-  
8           retary of Defense may, in any lease, permit, license, or  
9           other grant of access for use of lands owned by a State,  
10          agree to reimburse the State for the reasonable costs of  
11          the State in suppressing wildland fires caused by the ac-  
12          tivities of the Department of Defense under such lease,  
13          permit, license, or other grant of access.

14          “(e) RESTORATION OF LAND DAMAGED BY MIS-  
15          HAP.—(1) When land under the administrative jurisdic-  
16          tion of a Federal agency that is not a part of the Depart-  
17          ment of Defense is damaged as the result of a mishap  
18          involving a vessel, aircraft, or vehicle of the Department  
19          of Defense, the Secretary of Defense may, with the con-  
20          sent of the Federal agency, restore the land.

21          “(2) When land under the administrative jurisdiction  
22          of the Department of Defense or a military department  
23          is damaged as the result of a mishap involving a vessel,  
24          aircraft, or vehicle of a Federal agency that is not a part  
25          of the Department of Defense, the head of the Federal

1 agency under whose control the vessel, aircraft, or vehicle  
2 was operating may, with the consent of the Department  
3 of Defense, restore the land.”.

4 (b) CONFORMING AMENDMENTS.—Such section is  
5 further amended—

6 (1) in the heading, by striking “**LEASE**” and  
7 inserting “**DAMAGED BY MISHAP; REIMBURSE-**  
8 **MENT OF STATE COSTS OF FIGHTING**  
9 **WILDLAND FIRES**”;

10 (2) in subsection (a), by striking “(a) The Sec-  
11 retary” and inserting “(a) RESTORATION OF OTHER  
12 AGENCY LAND USED BY PERMIT.—The Secretary”;

13 (3) in subsection (b), by striking “(b) Unless”  
14 and inserting “(b) SCREENING FOR USE OF IM-  
15 PROVED LAND.—Unless”; and

16 (4) in subsection (c), by striking “(c)(1) As a  
17 condition” and inserting “(c) RESTORATION OF DE-  
18 PARTMENT OF DEFENSE LAND USED BY OTHER  
19 AGENCY.—(1) As a condition”.

20 (c) CLERICAL AMENDMENT.—The table of sections  
21 of chapter 159 of such title is amended by amending the  
22 item relating to section 2691 to read as follows:

“2691. Restoration of land used by permit or damaged by mishap; reimburse-  
ment of State costs of fighting wildland fires.”.

1 **SEC. 2815. CRITERIA FOR EXCHANGES OF PROPERTY AT**  
2 **MILITARY INSTALLATIONS.**

3 Paragraph (2) of section 2869(a) of title 10, United  
4 States Code, is amended to read as follows:

5 “(2) Paragraph (1) applies with respect to real prop-  
6 erty under the jurisdiction of the Secretary concerned—

7 “(A) that is located on a military installation  
8 that is closed or realigned under a base closure law;  
9 or

10 “(B) that is located on a military installation  
11 not covered by subparagraph (A) and for which the  
12 Secretary concerned makes a determination that the  
13 conveyance under paragraph (1) is advantageous to  
14 the United States.”.

15 **SEC. 2816. LAND EXCHANGE VALUATION OF PROPERTY**  
16 **WITH REDUCED DEVELOPMENT THAT LIMITS**  
17 **ENCROACHMENT ON MILITARY INSTALLA-**  
18 **TIONS.**

19 Subsection (b) of section 2869 of title 10, United  
20 States Code, is amended to read as follows:

21 “(b) **CONDITIONS ON CONVEYANCE AUTHORITY.—**

22 (1) The fair market value of the land to be obtained by  
23 the Secretary concerned under subsection (a) in exchange  
24 for the conveyance of real property by the Secretary under  
25 such subsection shall be at least equal to the fair market  
26 value of the conveyed real property, as determined by the

1 Secretary. If the fair market value of the land is less than  
2 the fair market value of the real property to be conveyed,  
3 the recipient of the property shall pay to the United States  
4 an amount equal to the difference in the fair market val-  
5 ues.

6 “(2) In the case of a conveyance of real property to  
7 a political subdivision of a State, the value of the real  
8 property to be conveyed by the Secretary concerned under  
9 subsection (a) may exceed the fair market value of the  
10 land to be obtained, as determined under paragraph (1),  
11 by an amount not to exceed the reduction in value of the  
12 land which is attributable to voluntary zoning actions  
13 taken by such political subdivision to limit encroachment  
14 on a military installation, but only if the notice required  
15 by subsection (d)(2) contains—

16 “(A) a certification by the Secretary concerned  
17 that the military value to the United States of the  
18 land to be acquired justifies a payment in excess of  
19 the fair market value; and

20 “(B) a description of the military value to be  
21 obtained.”.

22 **SEC. 2817. REQUIREMENTS FOR WINDOW FALL PREVEN-**  
23 **TION DEVICES IN MILITARY FAMILY HOUS-**  
24 **ING.**

25 (a) REQUIREMENT.—

1           (1) IN GENERAL.—Chapter 169 of title 10,  
2           United States Code, is amended by inserting after  
3           section 2878 the following new section:

4   **“§ 2879. Window fall prevention devices in military**  
5                                   **family housing units**

6           “(a) REQUIRING USE OF DEVICES ON CERTAIN WIN-  
7           DOWS.—

8                   “(1) REQUIREMENT.—The Secretary concerned  
9           shall ensure that if a window in any military family  
10          housing unit acquired or constructed under this  
11          chapter is described in subsection (b), including a  
12          window designed for emergency escape or rescue, the  
13          window is equipped with fall prevention devices that  
14          protect against unintentional window falls by young  
15          children and that are in compliance with applicable  
16          International Building Code (IBC) standards.

17                   “(2) EFFECTIVE DATE.—Paragraph (1) shall  
18          apply with respect to the following military family  
19          housing units:

20                           “(A) A unit for which the contract for the  
21                           construction of the unit is first entered into on  
22                           or after the date of the enactment of this sec-  
23                           tion.

24                           “(B) Any other unit which is subject to a  
25                           whole-house renovation project for which the



1 contract is entered into on or after September  
2 1, 2018.

3 “(b) WINDOWS DESCRIBED.—A window is described  
4 in this subsection if the bottom sill of the window is within  
5 24 inches of the floor, as measured in the interior of the  
6 unit, and is more than 72 inches above the ground, as  
7 measured on the exterior grade of the building.

8 “(c) RECORD OF INCIDENTS; ANNUAL REPORT.—  
9 The Secretary concerned shall keep a record of each inci-  
10 dent (as defined in Department of Defense Instruction  
11 6055.7 series) in which a minor child is injured or killed  
12 as the result of an unintentional window fall in a military  
13 family housing unit. Not later than 90 days after the end  
14 of each calendar year (beginning with 2017), the Secretary  
15 of Defense shall submit a report to the Committees on  
16 Armed Services of the House of Representatives and Sen-  
17 ate on all such window falls occurring in the previous  
18 year.”.

19 (2) CLERICAL AMENDMENT.—The table of sec-  
20 tions for chapter 169 of such title is amended by in-  
21 serting after the item relating to section 2878 the  
22 following new item:

“2879. Window fall prevention devices in military family housing units.”.

23 (b) INDEPENDENT ASSESSMENT OF CHILD SAFETY  
24 IN MILITARY FAMILY HOUSING UNITS.—

1           (1) ASSESSMENT.—The Secretary of Defense  
2 shall enter into an agreement with an independent  
3 entity with experience in performing technical eval-  
4 uations of the compliance of housing units with the  
5 codes and standards of the International Code Coun-  
6 cil and other relevant codes and standards to con-  
7 duct and to submit to the Secretary and the con-  
8 gressional defense committees an assessment of child  
9 safety issues in military family housing units, with  
10 an emphasis on assessing hazards that may result in  
11 falls.

12           (2) RECOMMENDATIONS.—The independent en-  
13 tity conducting the assessment under paragraph (1)  
14 shall include in the assessment such recommenda-  
15 tions for modifications to military family housing  
16 unit standards as the entity considers appropriate  
17 for ensuring the safety of minor children in such  
18 units.

19           (3) DEADLINE.—Under the agreement entered  
20 into under paragraph (1), the independent entity  
21 conducting the assessment under such paragraph  
22 shall submit the assessment to the Secretary and the  
23 congressional defense committees not later than 1  
24 year after the date of the enactment of this Act.

1 **SEC. 2818. PROHIBITING USE OF UPDATED ASSESSMENT OF**  
2 **PUBLIC SCHOOLS ON DEPARTMENT OF DE-**  
3 **FENSE INSTALLATIONS TO SUPERSEDE**  
4 **FUNDING OF CERTAIN PROJECTS.**

5 (a) PROHIBITING USE OF UPDATED ASSESSMENT TO  
6 SUPERSEDE FUNDING OF CERTAIN PUBLIC SCHOOL  
7 PROJECTS.—Subsection (a) of section 2814 of the Na-  
8 tional Defense Authorization Act for Fiscal Year 2017  
9 (Public Law 114–328; 130 Stat. 2717) is amended by  
10 adding at the end the following new paragraph:

11 “(3) PROHIBITING USE OF UPDATED ASSESS-  
12 MENT TO SUPERSEDE FUNDING OF CERTAIN RE-  
13 MAINING PROJECTS.—In determining which projects  
14 will be funded under the programs described in  
15 paragraph (2), the Secretary may not, on the basis  
16 of the updated assessment described in paragraph  
17 (1), supersede the funding of any of the remaining  
18 projects which were included among the 33 projects  
19 for which Secretary assigned the highest priority for  
20 receiving funds under the assessment of the capacity  
21 and facility condition deficiencies of elementary and  
22 secondary public schools on military installations  
23 conducted by the Secretary in July 2011 under sec-  
24 tion 8109 of the Department of Defense and Full-  
25 Year Continuing Appropriations Act, 2011 (Public  
26 Law 112–10; 125 Stat. 82).”.

1 (b) EFFECTIVE DATE.—The amendment made by  
2 subsection (a) shall take effect as if included in the enact-  
3 ment of the National Defense Authorization Act for Fiscal  
4 Year 2017.

5 **SEC. 2819. ACCESS TO MILITARY INSTALLATIONS BY**  
6 **TRANSPORTATION NETWORK COMPANIES.**

7 Section 346 of the National Defense Authorization  
8 Act for Fiscal Year 2017 (Public Law 114–328) is amend-  
9 ed—

10 (1) in the section heading, by inserting “**AND**  
11 **TRANSPORTATION NETWORK COMPANIES**” after  
12 “**TRANSPORTATION COMPANIES**”;

13 (2) in subsections (b), (c), and (d), by inserting  
14 “or transportation network company” after “trans-  
15 portation company” each places it appears;

16 (3) in subsection (b)(7), by inserting “and  
17 transportation network companies” after “transpor-  
18 tation companies”; and

19 (4) in subsection (d)—

20 (A) by redesignating paragraph (2) as  
21 paragraph (3);

22 (B) by striking paragraph (1) and insert-  
23 ing the following new paragraphs:

24 “(1) **TRANSPORTATION COMPANY.**—The term  
25 ‘transportation company’ means a corporation, part-

1       nership, sole proprietorship, or other entity outside  
2       of the Department of Defense that provides a com-  
3       mercial transportation service to a rider.

4               “(2) TRANSPORTATION NETWORK COMPANY.—  
5       The term ‘transportation network company’—

6               “(A) means a corporation, partnership,  
7       sole proprietorship, or other entity, that uses a  
8       digital network to connect riders to covered  
9       drivers in order for the driver to transport the  
10      rider using a vehicle owned, leased, or otherwise  
11      authorized for use by the driver to a point cho-  
12      sen by the rider; and

13              “(B) does not include a shared-expense  
14      carpool or vanpool arrangement that is not in-  
15      tended to generate profit for the driver.”; and

16              (C) in subparagraph (A)(i) of paragraph  
17      (3), as redesignated by subparagraph (A) of  
18      this paragraph, by inserting “or transportation  
19      network company” after “transportation com-  
20      pany”.

1     **Subtitle C—Project Management**  
2                   **and Oversight Reforms**

3     **SEC. 2821. NOTIFICATION REQUIREMENT FOR CERTAIN**  
4                   **COST INCREASES.**

5           Section 2853 of title 10, United States Code, is  
6 amended—

7           (1) by redesignating subsection (f) as sub-  
8           section (g);

9           (2) by inserting after subsection (e) the fol-  
10          lowing new subsection:

11          “(f)(1) In addition to the notification sent under  
12 paragraph (1) of subsection (e) of a cost increase with re-  
13 spect to a project, the Secretary concerned shall provide  
14 an additional report notifying the congressional defense  
15 committees and the Comptroller General of the United  
16 States of any military construction project or military  
17 family housing project with a total authorized cost greater  
18 than \$40,000,000 that has a cost increase of 25 percent  
19 or more.

20          “(2) The report under paragraph (1) shall include the  
21 following—

22           “(A) A description of the specific reasons for  
23           the cost increase and the specific organizations and  
24           individuals responsible.

1           “(B) A description of any ongoing or completed  
2           proceedings or investigation into a government em-  
3           ployee, prime contractor, subcontractor, or non-gov-  
4           ernmental organization that may be responsible for  
5           the cost increase, and the status of such proceeding  
6           or investigation.

7           “(C) If any proceeding or investigation identi-  
8           fied in subparagraph (B) resulted in final judicial or  
9           administrative action, the following:

10                   “(i) In the case of a judicial or administra-  
11                   tive action taken against a government em-  
12                   ployee, the report shall identify the individual’s  
13                   organization, position within the organization,  
14                   and the action taken against the individual, but  
15                   shall exclude personally identifiable information  
16                   about the individual.

17                   “(ii) In the case of a judicial or adminis-  
18                   trative action taken against a prime contractor,  
19                   subcontractor, or non-governmental organiza-  
20                   tion, the report shall identify the prime con-  
21                   tractor, subcontractor, or non-governmental or-  
22                   ganization and the action taken against the  
23                   prime contractor, subcontractor, or non-govern-  
24                   mental organization.

1           “(D) A summary of any changes the Secretary  
2           concerned believes may be required to the organiza-  
3           tional structure, project management and oversight  
4           practices, policy, or authorities of a government or-  
5           ganization involved in military construction projects  
6           as a result of problems identified and lessons learned  
7           from the project.

8           “(3) If any proceeding or investigation described in  
9           paragraph (2)(C) is still ongoing at the time the Secretary  
10          concerned submits the report under paragraph (1), the  
11          Secretary shall provide a supplemental report to the con-  
12          gressional defense committees and the Comptroller Gen-  
13          eral of the United States not later than 30 days after such  
14          proceeding or investigation has been completed. If such  
15          proceeding or investigation resulted in final judicial or ad-  
16          ministrative action against a government employee, prime  
17          contractor, subcontractor, or non-governmental organiza-  
18          tion, the Secretary shall include in the supplemental report  
19          the information required by paragraph (2)(C).

20          “(4) Each report under this subsection shall be co-  
21          signed by the senior engineer authorized to supervise mili-  
22          tary construction projects and military family housing  
23          projects under section 2851(a).

24          “(5) The Secretary shall send the report required  
25          under paragraph (1) with respect to a project not later



1 than 180 days after the Secretary sends to the appropriate  
2 committees of Congress the notification under paragraph  
3 (1) of subsection (c) of a cost increase with respect to the  
4 project.

5 “(6) The Comptroller General of the United States  
6 shall review each report submitted under this subsection  
7 and validate or correct as necessary the information pro-  
8 vided.”; and

9 (3) in subsection (g), as redesignated by para-  
10 graph (1), by striking “subsections (a) through (e)”  
11 and inserting “subsections (a) through (f)”.

12 **SEC. 2822. ANNUAL REPORT ON SCHEDULE DELAYS.**

13 Section 2851 of title 10, United States Code, is  
14 amended by adding at the end the following new sub-  
15 section:

16 “(d) ANNUAL REPORT ON SCHEDULE DELAYS.—Not  
17 later than March 1 of each year (beginning with 2018),  
18 the Secretary of Defense shall submit to the Committees  
19 on Armed Services of the House of Representatives and  
20 Senate a report on each military construction project or  
21 military family housing project for which, as of the end  
22 of the most recent fiscal year, the estimated completion  
23 date is more than 1 year later than the completion date  
24 proposed at the time the contract for the project was  
25 awarded.”.

1 **SEC. 2823. REPORT ON DESIGN ERRORS AND OMISSIONS**  
2 **RELATED TO FORT BLISS HOSPITAL RE-**  
3 **PLACEMENT PROJECT.**

4 (a) **REPORT REQUIRED.**—Not later than 180 days  
5 after the date of the enactment of this Act, the Inspector  
6 General of the Department of Defense shall submit to the  
7 congressional defense committees a report on design er-  
8 rors and omissions related to the hospital replacement  
9 project at Fort Bliss, Texas.

10 (b) **ELEMENTS.**—The report required under sub-  
11 section (a) shall include the following elements:

12 (1) A detailed description of the specific “de-  
13 sign errors” and “omissions” that resulted in the  
14 cost increase for the hospital replacement project.

15 (2) A description of the specific actions taken  
16 to prevent further schedule delays and cost increases  
17 on this project as well as lessons learned that will  
18 be applied to future hospital projects.

19 (3) A description of any ongoing or completed  
20 proceedings or investigation into a government em-  
21 ployee, prime contractor, subcontractor, or non-gov-  
22 ernmental organization that may be responsible for  
23 the delay and cost increases, and the status of such  
24 proceeding or investigation.

1           (4) If any proceeding or investigation identified  
2           in paragraph (3) resulted in final judicial or admin-  
3           istrative action, the following:

4                   (A) In the case of a judicial or administra-  
5                   tive action taken against a government em-  
6                   ployee, the report shall identify the individual's  
7                   organization, name, position within the organi-  
8                   zation, and the action taken against the indi-  
9                   vidual.

10                   (B) In the case of a judicial or administra-  
11                   tive action taken against a prime contractor,  
12                   subcontractor, or non-governmental organiza-  
13                   tion, the report shall identify the prime con-  
14                   tractor, subcontractor, or non-governmental or-  
15                   ganization and the action taken against the  
16                   prime contractor, subcontractor, or non-govern-  
17                   mental organization.

18           (5) A summary of any changes the Inspector  
19           General believes may be required to the organiza-  
20           tional structure, project management and oversight  
21           practices, policy, or authorities of a government or-  
22           ganization involved in military construction projects  
23           as a result of problems identified and lessons learned  
24           from this project.

1 (c) SUPPLEMENTAL REPORT ON ONGOING PRO-  
2 CEEDINGS AND INVESTIGATIONS.—If any proceeding or  
3 investigation described in subsection (b)(3) is still ongoing  
4 at the time the Inspector General submits the report re-  
5 quired by subsection (a), the Inspector General shall pro-  
6 vide a supplemental report to the congressional defense  
7 committees not later than 30 days after such proceeding  
8 or investigation has been completed. If such proceeding  
9 or investigation resulted in final judicial or administrative  
10 action against a government employee, prime contractor,  
11 subcontractor, or non-governmental organization, the In-  
12 spector General shall include in the supplemental report  
13 the information required by subsection (b)(4).

14 **SEC. 2824. REPORT ON COST INCREASE AND DELAY RE-**  
15 **LATED TO USSTRATCOM COMMAND AND CON-**  
16 **TROL FACILITY PROJECT AT OFFUTT AIR**  
17 **FORCE BASE.**

18 (a) IN GENERAL.—Not later than 180 days after the  
19 date of the enactment of this Act, the Inspector General  
20 of the Department of Defense shall submit to the congres-  
21 sional defense committees a report on design errors and  
22 omissions related to the construction of the  
23 USSTRATCOM command and control facility project at  
24 Offutt Air Force Base.

1 (b) ELEMENTS.—The report required under sub-  
2 section (a) shall include the following elements:

3 (1) The identification of the specific reasons  
4 that have been used to explain the 16-month sched-  
5 ule delay and 10 percent cost increase for the  
6 project.

7 (2) A description of the specific actions taken  
8 to prevent further schedule delays and cost increases  
9 on this project as well as lessons learned that will  
10 be applied to future projects.

11 (3) A description of any ongoing or completed  
12 proceedings or investigation into a government em-  
13 ployee, prime contractor, subcontractor, or non-gov-  
14 ernmental organization that may be responsible for  
15 the delay and cost increases, and the status of such  
16 proceeding or investigation.

17 (4) If any proceeding or investigation identified  
18 in paragraph (3) resulted in final judicial or admin-  
19 istrative action, the following:

20 (A) In the case of a judicial or administra-  
21 tive action taken against a government em-  
22 ployee, the report shall identify the individual's  
23 organization, name, position within the organi-  
24 zation, and the action taken against the indi-  
25 vidual.

1 (B) In the case of a judicial or administra-  
2 tive action taken against a prime contractor,  
3 subcontractor, or non-governmental organiza-  
4 tion, the report shall identify the prime con-  
5 tractor, subcontractor, or non-governmental or-  
6 ganization and the action taken against the  
7 prime contractor, subcontractor, or non-govern-  
8 mental organization.

9 (5) A summary of any changes the Inspector  
10 General believes may be required to the organiza-  
11 tional structure, project management and oversight  
12 practices, policy, or authorities of a government or-  
13 ganization involved in military construction projects  
14 as a result of problems identified and lessons learned  
15 from this project.

16 (c) SUPPLEMENTAL REPORT ON ONGOING PRO-  
17 CEEDINGS AND INVESTIGATIONS.—If any proceeding or  
18 investigation described in subsection (b)(3) is still ongoing  
19 at the time the Inspector General submits the report re-  
20 quired by subsection (a), the Inspector General shall pro-  
21 vide a supplemental report to the congressional defense  
22 committees not later than 30 days after such proceeding  
23 or investigation has been completed. If such proceeding  
24 or investigation resulted in final judicial or administrative  
25 action against a government employee, prime contractor,

1 subcontractor, or non-governmental organization, the In-  
2 spector General shall include in the supplemental report  
3 the information required by subsection (b)(4).

## 4 **Subtitle D—Energy Resilience**

### 5 **SEC. 2831. ENERGY RESILIENCE.**

6 (a) IN GENERAL.—Section 2911 of title 10, United  
7 States Code, is amended—

8 (1) in the section heading, by striking “**per-**  
9 **formance goals and master plan for**” and  
10 inserting “**policy of**”;

11 (2) by redesignating subsections (a), (b), (c),  
12 (d), and (e) as subsections (c), (d), (e), (f), and (g)  
13 respectively;

14 (3) by inserting before subsection (c), as redес-  
15 igned by paragraph (2), the following new sub-  
16 sections:

17 “(a) GENERAL ENERGY POLICY.—The Secretary of  
18 Defense shall ensure the readiness of the armed forces for  
19 their military missions by pursuing energy security and  
20 energy resilience.

21 “(b) AUTHORITIES.—In order to achieve the policy  
22 set forth in subsection (a), the Secretary of Defense  
23 may—

1           “(1) require the Secretary of a military depart-  
2           ment to establish and maintain an energy resilience  
3           master plan for an installation;

4           “(2) authorize the use of energy security and  
5           energy resilience, including the benefits of on-site  
6           generation resources that reduce or avoid the cost of  
7           backup power, as factors in the cost-benefit analysis  
8           for procurement of energy; and

9           “(3) in selecting facility energy projects that  
10          will use renewable energy sources, pursue energy se-  
11          curity and energy resilience by giving favorable con-  
12          sideration to projects that provide power directly to  
13          a military facility or into the installation electrical  
14          distribution network.”;

15          (4) in subsection (e), as redesignated by para-  
16          graph (2)—

17                 (A) in paragraph (1), by inserting “, the  
18                 future demand for energy, and the requirement  
19                 for the use of energy” after “energy”;

20                 (B) by amending paragraph (2) to read as  
21                 follows:

22                 “(2) Opportunities to enhance energy resilience  
23                 to ensure the Department of Defense has the ability  
24                 to prepare for and recover from energy disruptions



1 that impact mission assurance on military installa-  
2 tions.”; and

3 (C) by adding at the end the following new  
4 paragraph:

5 “(13) Opportunities to leverage third-party fi-  
6 nancing to address installation energy needs.”.

7 (b) CLERICAL AMENDMENT.—The table of sections  
8 at the beginning of chapter 173 is amended by striking  
9 the item relating to section 2911 and inserting the fol-  
10 lowing new item:

“2911. Energy policy of the Department of Defense.”.

11 (c) CONFORMING AMENDMENTS.—Chapter 173 of  
12 title 10, United States Code, is amended—

13 (1) in section 2914, by striking “energy resil-  
14 iency” each place it appears and inserting “energy  
15 resilience”;

16 (2) in section 2915—

17 (A) by striking “subsection (c)” each place  
18 it appears and inserting “subsection (e)”;

19 (B) in subsection (e)(2)(C), by striking  
20 “2911(b)(2)” and inserting “2911(d)(2)”;

21 (3) in section 2916(b)(2), by striking  
22 “2911(b)” and inserting “2911(c)”;

23 (4) in section 2922b(a), by striking “subsection  
24 (c)” and inserting “subsection (e)”;

1 (5) in section 2922f(a), by striking “subsection  
2 (e)” and inserting “subsection (e)”;

3 (6) in section 2924—

4 (A) by striking paragraph (3); and

5 (B) by redesignating paragraphs (4), (5),  
6 (6), and (7) as paragraphs (3), (4), (5), and  
7 (6), respectively; and

8 (7) in section 2925(a)—

9 (A) in the heading, by striking “RESIL-  
10 IENCY” and inserting “ENERGY RESILIENCE”;

11 and

12 (B) in paragraph (1), by striking  
13 “2911(e)” and inserting “2911(g)”.

14 (d) DEFINITIONS FOR ENERGY RESILIENCE AND EN-  
15 ERGY SECURITY.—Section 101(e) of title 10, United  
16 States Code, is amended by adding at the end the fol-  
17 lowing new paragraphs:

18 “(6) ENERGY RESILIENCE.—The term ‘energy  
19 resilience’ means the ability to avoid, prepare for,  
20 minimize, adapt to, and recover from anticipated  
21 and unanticipated energy disruptions in order to en-  
22 sure energy availability and reliability sufficient to  
23 provide for mission assurance and readiness, includ-  
24 ing task critical assets and other mission essential

1 operations related to readiness, and to execute or  
2 rapidly reestablish mission essential requirements.

3 “(7) ENERGY SECURITY.—The term ‘energy se-  
4 curity’ means having assured access to reliable sup-  
5 plies of energy and the ability to protect and deliver  
6 sufficient energy to meet mission essential require-  
7 ments.”.

8 **SEC. 2832. AUTHORITY TO USE ENERGY COST SAVINGS FOR**  
9 **ENERGY RESILIENCE, MISSION ASSURANCE,**  
10 **AND WEATHER DAMAGE REPAIR AND PRE-**  
11 **VENTION MEASURES.**

12 Section 2912(b)(1) of title 10, United States Code,  
13 is amended by striking “energy conservation and” and in-  
14 serting “energy resilience, mission assurance, weather  
15 damage repair and prevention, energy conservation, and”.

16 **SEC. 2833. CONSIDERATION OF ENERGY SECURITY AND EN-**  
17 **ERGY RESILIENCE IN AWARDING ENERGY**  
18 **AND FUEL CONTRACTS FOR MILITARY IN-**  
19 **STALLATIONS.**

20 Section 2922a of title 10, United States Code, is  
21 amended by adding at the end the following new sub-  
22 section:

23 “(d) The Secretary concerned shall prioritize energy  
24 security and resilience.”.

1 **SEC. 2834. REQUIREMENT TO ADDRESS ENERGY RESIL-**  
2 **IENCE IN EXERCISING UTILITY SYSTEM CON-**  
3 **VEYANCE AUTHORITY.**

4 Section 2688(g) of title 10, United States Code, is  
5 amended by adding at the end the following new para-  
6 graphs:

7 “(3) The Secretary concerned may require in any  
8 contract for the conveyance of a utility system (or part  
9 of a utility system) under subsection (a) that the conveyee  
10 manage and operate the utility system in a manner con-  
11 sistent with energy resilience requirements and metrics  
12 provided to the conveyee to ensure that the reliability of  
13 the utility system meets mission requirements.

14 “(4) The Secretary of Defense, in consultation with  
15 the Secretaries of the military departments, shall include  
16 in the installation energy report submitted under section  
17 2925(a) of this title a description of progress in meeting  
18 energy resilience metrics for all conveyance contracts en-  
19 tered into pursuant to this section.”.

20 **SEC. 2835. IN-KIND LEASE PAYMENTS; PRIORITIZATION OF**  
21 **UTILITY SERVICES THAT PROMOTE ENERGY**  
22 **RESILIENCE.**

23 Section 2667(c)(1)(D) of title 10, United States  
24 Code, is amended by inserting “, which shall prioritize en-  
25 ergy resilience in the event of commercial grid outages”  
26 after “Secretary concerned”.

1 **SEC. 2836. ANNUAL DEPARTMENT OF DEFENSE ENERGY**  
2 **MANAGEMENT REPORTS.**

3 Section 2925(a) of title 10, United States Code, is  
4 amended—

5 (1) in paragraph (1), by inserting before the pe-  
6 riod at the end the following: “, including progress  
7 on energy resilience at military installations accord-  
8 ing to metrics developed by the Secretary”;

9 (2) by amending paragraph (3) to read as fol-  
10 lows:

11 “(3) Details of all utility outages impacting en-  
12 ergy resilience at military installations (excluding  
13 planned outages for maintenance reasons), whether  
14 caused by on- or off-installation disruptions, includ-  
15 ing the total number and location of outage, the du-  
16 ration of the outage, the financial impact of the out-  
17 age, whether or not the mission was impacted, the  
18 mission requirements associated with disruption tol-  
19 erances based on risk to mission, the responsible au-  
20 thority managing the utility, and measure taken to  
21 mitigate the outage by the responsible authority.”;

22 (3) by redesignating paragraph (4) as para-  
23 graph (5); and

24 (4) by inserting after paragraph (3) the fol-  
25 lowing new paragraph:

1           “(4) Details of a military installation’s total en-  
2           ergy requirements and critical energy requirements,  
3           and the current energy resilience and emergency  
4           backup systems servicing critical energy require-  
5           ments, including, at a minimum—

6                   “(A) energy resilience and emergency  
7                   backup system power requirements;

8                   “(B) the critical missions, facility, or facili-  
9                   ties serviced;

10                   “(C) system service life;

11                   “(D) capital, operations, maintenance, and  
12                   testing costs; and

13                   “(E) other information the Secretary de-  
14                   termines necessary.”.

15   **SEC. 2837. AGGREGATION OF ENERGY EFFICIENCY AND EN-**  
16                   **ERGY RESILIENCE PROJECTS IN LIFE CYCLE**  
17                   **COST ANALYSES.**

18           The Secretary of Defense or the Secretary of a mili-  
19           tary department, when conducting life cycle cost analyses  
20           with respect to investments designed to lower costs and  
21           reduce energy and water consumption, shall aggregate en-  
22           ergy efficiency projects and energy resilience improve-  
23           ments as appropriate.

1           **Subtitle E—Land Conveyances**

2   **SEC. 2841. LAND EXCHANGE, NAVAL INDUSTRIAL RESERVE**  
3                   **ORDNANCE PLANT, SUNNYVALE, CALI-**  
4                   **FORNIA.**

5           (a) **LAND EXCHANGE AUTHORIZED.**—The Secretary  
6 of the Navy may convey to an entity (in this section re-  
7 ferred to as the “Exchange Entity”) all right, title, and  
8 interest of the United States in and to the parcel of real  
9 property, including improvements thereon, comprising the  
10 Naval Industrial Reserve Ordnance Plant (NIROP) lo-  
11 cated in Sunnyvale, California in exchange for—

12           (1) real property, including improvements  
13 thereon, that will replace the NIROP and meet the  
14 readiness requirements of the Department of the  
15 Navy, as determined by the Secretary; and

16           (2) relocation of contractor and Government  
17 personnel and equipment from the NIROP to the re-  
18 placement facilities.

19           (b) **LAND EXCHANGE AGREEMENT.**—

20           (1) **IN GENERAL.**—The exchange authorized  
21 under subsection (a) shall be governed by a land ex-  
22 change agreement that identifies the property to be  
23 exchanged (including improvements thereon), the  
24 time period in which the exchange will occur, and

1 the roles and responsibilities of the Secretary and  
2 the Exchange Entity in carrying out the exchange.

3 (2) COMPLIANCE WITH ENVIRONMENTAL  
4 LAWS.—Nothing in this section shall be construed to  
5 affect or limit the application of, or any obligation  
6 to comply with, any environmental law, including the  
7 Comprehensive Environmental Response, Compensa-  
8 tion, and Liability Act of 1980 (42 U.S.C. 9601).

9 (c) VALUATION; CASH EQUALIZATION PAYMENT IF  
10 NIROP VALUE EXCEEDS VALUE OF EXCHANGED PROP-  
11 erty.—

12 (1) VALUATION.—The values of the properties  
13 to be exchanged by the Secretary and the Exchange  
14 Entity under subsection (a) (including improvements  
15 thereon) shall be determined by an independent ap-  
16 praiser selected by the Secretary, and in accordance  
17 with the Uniform Appraisal Standards for Federal  
18 Land Acquisitions and the Uniform Standards of  
19 Professional Appraisal Practice.

20 (2) CASH EQUALIZATION PAYMENT.—If, as de-  
21 termined in accordance with paragraph (1), the  
22 value of the NIROP is greater than the combination  
23 of the value of the property to be conveyed by the  
24 Exchange Entity under subsection (a) and the relo-  
25 cation costs covered by the Exchange Entity under



1 such subsection, the Exchange Entity shall make a  
2 cash equalization payment to the Secretary to equal-  
3 ize the values. Nothing in this paragraph may be  
4 construed to require the Secretary to make a cash  
5 equalization payment to the Exchange Entity if the  
6 value of the property to be conveyed by the Ex-  
7 change Entity and the relocation costs covered by  
8 the Exchange Entity are greater than the value of  
9 the NIROP.

10 (d) PAYMENT OF COSTS OF CONVEYANCE.—The Sec-  
11 retary shall require the Exchange Entity to pay costs in-  
12 curred by the Department of the Navy to carry out the  
13 exchange authorized under subsection (a), including costs  
14 incurred for land surveys, environmental documentation,  
15 the review of replacement facilities design, real estate due  
16 diligence (including appraisals), preparing and executing  
17 the agreement described in subsection (b), and any other  
18 administrative costs related to the exchange. If amounts  
19 are collected from the Exchange Entity in advance of the  
20 Secretary incurring the actual costs and the amount col-  
21 lected exceeds the costs actually incurred by the Secretary  
22 to carry out the exchange under subsection (a), the Sec-  
23 retary shall refund the excess amount to the Exchange  
24 Entity.

1 (e) TREATMENT OF AMOUNTS RECEIVED.—Amounts  
2 received under subsections (a), (c)(2), and (d) shall be  
3 used in accordance with section 2695(c) of title 10, United  
4 States Code.

5 (f) DESCRIPTION OF PROPERTY.—The exact legal de-  
6 scription of the property, including acreage, to be ex-  
7 changed under subsection (a) shall be determined by sur-  
8 veys satisfactory to the Secretary.

9 (g) RELATION TO OTHER MILITARY CONSTRUCTION  
10 REQUIREMENTS.—

11 (1) EXCLUSION FROM TREATMENT AS MILITARY  
12 CONSTRUCTION PROJECT.—The acquisition or dis-  
13 position of any property pursuant to the exchange  
14 authorized under subsection (a) shall not be treated  
15 as a military construction project for which an au-  
16 thorization is required by section 2802 of title 10,  
17 United States Code, or for which reporting is re-  
18 quired by section 2662 of such title.

19 (2) EXCLUSION OF REQUIREMENT FOR PRIOR  
20 SCREENING BY GENERAL SERVICES ADMINISTRATION  
21 FOR ADDITIONAL FEDERAL USE.—Section 2696(b)  
22 of title 10, United States Code, does not apply to  
23 the conveyance of any real property pursuant to the  
24 exchange authorized under subsection (a).

1 (h) ADDITIONAL TERMS AND CONDITIONS.—The  
2 Secretary may require such additional terms and condi-  
3 tions in connection with the exchange authorized under  
4 subsection (a) as the Secretary considers appropriate to  
5 protect the interests of the United States.

6 (i) SUNSET.—The authority provided to the Sec-  
7 retary to carry out the exchange under subsection (a) shall  
8 expire on October 1, 2023.

9 **SEC. 2842. LAND CONVEYANCE, MOUNTAIN HOME AIR**  
10 **FORCE BASE, IDAHO.**

11 (a) CONVEYANCE AUTHORIZED.—The Secretary of  
12 the Air Force may convey to the City of Mountain Home,  
13 Idaho (in this section referred to as the “City”), all right,  
14 title, and interest of the United States in and to a parcel  
15 of real property, including improvements thereon, con-  
16 sisting of approximately 4.25 miles of railroad spur lo-  
17 cated near Mountain Home Air Force Base, Idaho, as fur-  
18 ther described in subsection (c), for the purpose of eco-  
19 nomic development.

20 (b) CONSIDERATION.—

21 (1) CONSIDERATION REQUIRED.—As consider-  
22 ation for the land conveyed under subsection (a), the  
23 City shall pay to the Secretary an amount equal to  
24 the fair market value of the land, as determined by  
25 an appraisal approved by the Secretary. The City

1 shall provide an amount that is acceptable to the  
2 Secretary, whether by cash payment, in-kind consid-  
3 eration as described under paragraph (2), or a com-  
4 bination thereof.

5 (2) IN-KIND CONSIDERATION.—In-kind consid-  
6 eration provided by the City under paragraph (1)  
7 may include the acquisition, construction, provision,  
8 improvement, maintenance, repair, or restoration  
9 (including environmental restoration), or combina-  
10 tion thereof, of any facility or infrastructure under  
11 the jurisdiction of the Secretary.

12 (3) TREATMENT OF CONSIDERATION RE-  
13 CEIVED.—Consideration in the form of cash pay-  
14 ment received by the Secretary under paragraph (1)  
15 shall be deposited in the separate fund in the Treas-  
16 ury described in section 572(a)(1) of title 40, United  
17 States Code.

18 (c) MAP AND LEGAL DESCRIPTION.—

19 (1) FINALIZING LEGAL DESCRIPTIONS.—As  
20 soon as practicable after the date of the enactment  
21 of this Act, the Secretary of the Air Force shall fi-  
22 nalize a map and the legal description of the prop-  
23 erty to be conveyed under subsection (a).

1           (2) MINOR ERRORS.—The Secretary of the Air  
2 Force may correct any minor errors in the map or  
3 the legal description.

4           (3) AVAILABILITY.—The map and legal descrip-  
5 tion shall be on file and available for public inspec-  
6 tion.

7 (d) PAYMENT OF COSTS OF CONVEYANCE.—

8           (1) PAYMENT REQUIRED.—The Secretary may  
9 require the City to cover all costs (except costs for  
10 environmental remediation of the property) to be in-  
11 curred by the Secretary, or to reimburse the Sec-  
12 retary for costs incurred by the Secretary, to carry  
13 out the conveyance under this section, including sur-  
14 vey costs, costs for environmental documentation,  
15 and any other administrative costs related to the  
16 conveyance. If amounts are collected from the City  
17 in advance of the Secretary incurring the actual  
18 costs, and the amount collected exceeds the costs ac-  
19 tually incurred by the Secretary to carry out the  
20 conveyance, the Secretary shall refund the excess  
21 amount to the City.

22           (2) TREATMENT OF AMOUNTS RECEIVED.—  
23 Amounts received under paragraph (1) as reim-  
24 bursement for costs incurred by the Secretary to  
25 carry out the conveyance under subsection (a) shall

1 be credited to the fund or account that was used to  
2 cover the costs incurred by the Secretary in carrying  
3 out the conveyance, or to an appropriate fund or ac-  
4 count currently available to the Secretary for the  
5 purposes for which the costs were paid. Amounts so  
6 credited shall be merged with amounts in such fund  
7 or account and shall be available for the same pur-  
8 poses, and subject to the same conditions and limita-  
9 tions, as amounts in such fund or account.

10 (e) USE RESERVATION.—The Secretary may reserve  
11 a right to temporarily use, for urgent reasons of national  
12 defense and at no cost to the United States, all or a por-  
13 tion of the railroad spur conveyed under subsection (a).

14 (f) ADDITIONAL TERMS AND CONDITIONS.—The Sec-  
15 retary may require such additional terms and conditions  
16 in connection with the conveyance under subsection (a) as  
17 the Secretary considers appropriate to protect the inter-  
18 ests of the United States.

19 **SEC. 2843. LEASE OF REAL PROPERTY TO THE UNITED**  
20 **STATES NAVAL ACADEMY ALUMNI ASSOCIA-**  
21 **TION AND NAVAL ACADEMY FOUNDATION AT**  
22 **UNITED STATES NAVAL ACADEMY, ANNAP-**  
23 **OLIS, MARYLAND.**

24 (a) AUTHORITY.—The Secretary of the Navy may  
25 lease approximately 3 acres at the United States Naval

1 Academy in Annapolis, Maryland to the United States  
2 Naval Academy Alumni Association Inc. and the United  
3 States Naval Academy Foundation Inc. (hereafter referred  
4 to as the “lessees”), for the purpose of enabling the lessees  
5 to construct, operate, and maintain the Alumni Associa-  
6 tion and Foundation Center.

7 (b) DURATION OF LEASE.—At the option of the Sec-  
8 retary of the Navy, the lease entered into under this sec-  
9 tion shall be in effect for 50 years. Upon the expiration  
10 of the lease, the Secretary may extend the lease for such  
11 additional period as the Secretary may determine.

12 (c) PAYMENTS UNDER LEASE.—

13 (1) AMOUNT OF PAYMENTS BASED ON FAIR  
14 MARKET VALUE.—The Secretary of the Navy shall  
15 require the lessees to make payments under the  
16 lease entered into under this section, in cash or in  
17 the form of in-kind consideration, in an amount and  
18 form that reflects the fair market value of the lease  
19 as determined by the Secretary.

20 (2) PAYMENTS IN THE FORM OF IN-KIND CON-  
21 sideration.—

22 (A) TIMING.—To the extent that the les-  
23 sees make payments under the lease in the form  
24 of in-kind consideration, such consideration  
25 may be paid as a lump-sum payment for the en-

1           tire lease term, or any part thereof, or in an-  
2           nual installments.

3                   (B) DESCRIPTION OF IN-KIND CONSIDER-  
4           ATION.—The in-kind consideration paid under  
5           the lease—

6                   (i) shall include the relocation of any  
7           Naval Support Activity Annapolis func-  
8           tions presently located on the land to be  
9           leased to alternate locations deemed suffi-  
10          cient by the Secretary; and

11                   (ii) may include annual support (in-  
12          cluding cash, real property, or personal  
13          property) provided by the lessees after the  
14          date the lease is executed, to be used for  
15          the benefit of, or for use in connection  
16          with, the Naval Academy.

17           (d) RETENTION AND USE OF FUNDS.—Funds re-  
18          ceived under the lease entered into under this section may  
19          be retained for use in support of the Naval Academy and  
20          to cover expenses incurred by the Secretary of the Navy  
21          in managing the lease.

22           (e) LEASEBACK PROHIBITED.—During the period in  
23          which the lease entered into under this section is in effect,  
24          the Secretary of the Navy may not lease any of the space



1 constructed by the lessees on the property leased under  
2 this section.

3 (f) PAYMENT OF COSTS OF ENTERING INTO AND  
4 MANAGING LEASE.—

5 (1) PAYMENT REQUIRED.—The Secretary of  
6 the Navy shall require the lessees to cover the costs  
7 to be incurred by the Secretary, or to reimburse the  
8 Secretary for such costs incurred by the Secretary,  
9 in entering into and managing the lease under this  
10 section, including survey costs, costs for environ-  
11 mental documentation, and any other administrative  
12 costs related to the lease (as defined in section 2667  
13 of title 10, United States Code). Any expenses in-  
14 curred by the lessees pursuant to this provision may  
15 be considered in-kind consideration for purposes of  
16 subsection (c)(2) and may be credited against any  
17 payments due during the term of the lease.

18 (2) TREATMENT OF AMOUNTS RECEIVED.—  
19 Amounts received as reimbursement under para-  
20 graph (1) shall be credited to the fund or account  
21 that was used to cover those costs incurred by the  
22 Secretary in entering into and managing the lease.  
23 Amounts so credited shall be merged with amounts  
24 in such fund or account, and shall be available for  
25 the same purposes, and subject to the same condi-

1 tions and limitations, as amounts in such fund or  
2 account. If amounts are collected from the lessees in  
3 advance of the Secretary incurring the actual costs,  
4 and the amount collected exceeds the costs actually  
5 incurred by the Secretary in entering into and man-  
6 aging the lease, the Secretary may refund the excess  
7 amount to the lessees.

8 (g) DESCRIPTION OF PROPERTY.—The exact acreage  
9 and legal description of the property to be leased under  
10 this section shall be determined by a survey satisfactory  
11 to the Secretary of the Navy, and may include property  
12 currently used for public purposes.

13 (h) ADDITIONAL TERMS AND CONDITIONS.—The  
14 Secretary of the Navy may require such additional terms  
15 and conditions in connection with the lease entered into  
16 under this section as the Secretary considers appropriate  
17 to protect the interests of the United States.

18 **SEC. 2844. LAND CONVEYANCE, NATICK SOLDIER SYSTEMS**  
19 **CENTER, MASSACHUSETTS.**

20 (a) CONVEYANCE AUTHORIZED.—The Secretary of  
21 the Army may sell and convey all right, title, and interest  
22 of the United States in and to parcels of real property,  
23 consisting of approximately 98 acres and improvements  
24 thereon, located in the vicinity of Hudson, Wayland, and  
25 Needham, Massachusetts, that are the sites of military

1 family housing supporting military personnel assigned to  
2 the United States (U.S.) Army Natick Soldier Systems  
3 Center.

4 (b) COMPETITIVE SALE REQUIREMENT.—The Sec-  
5 retary shall use competitive procedures for the sale author-  
6 ized by subsection (a).

7 (c) CONSIDERATION.—

8 (1) CONSIDERATION REQUIRED.—The Sec-  
9 retary shall require as consideration for conveyance  
10 under subsection (a), tendered by cash payment, an  
11 amount equal to no less than the fair market value,  
12 as determined by the Secretary, of the real property  
13 and any improvements thereon.

14 (2) CASH PAYMENTS.—

15 (A) CASH PAYMENTS DEPOSITED IN A SPE-  
16 CIAL ACCOUNT.—Cash payments provided as  
17 consideration under this subsection shall be de-  
18 posited in a special account in the Treasury es-  
19 tablished for the Secretary.

20 (B) USE OF FUNDS IN SPECIAL AC-  
21 COUNT.—The Secretary is authorized to use  
22 funds deposited in the special account estab-  
23 lished under subparagraph (A) for—

24 (i) demolition of existing military fam-  
25 ily housing on the U.S. Army Natick Sol-

1 dier Systems Center (other than housing  
2 on property conveyed under subsection (a))  
3 that the Secretary determines necessary to  
4 accommodate construction of military fam-  
5 ily housing or unaccompanied soldier hous-  
6 ing to support military personnel assigned  
7 to the U.S. Army Natick Soldier Systems  
8 Center;

9 (ii) construction or rehabilitation of  
10 military family housing or unaccompanied  
11 soldier housing to support military per-  
12 sonnel assigned to the U.S. Army Natick  
13 Soldier Systems Center; or

14 (iii) construction of ancillary sup-  
15 porting facilities (as that term is defined in  
16 section 2871(1) of title 10, United States  
17 Code) to support military personnel as-  
18 signed to the U.S. Army Natick Soldier  
19 Systems Center.

20 (C) CASH CONSIDERATION NOT USED  
21 PRIOR TO OCTOBER 1, 2025.—Cash payments  
22 provided as consideration under this subsection  
23 that are received by the Secretary and not used  
24 by the Secretary for purposes authorized by  
25 subparagraph (B) prior to October 1, 2025,

1           shall be transferred to an account in the Treas-  
2           ury established pursuant to section 2883 of title  
3           10, United States Code.

4           (d) DESCRIPTION OF PARCELS.—The exact acreage  
5           and legal description of the parcels to be conveyed under  
6           subsection (a) shall be determined by a survey that is sat-  
7           isfactory to the Secretary. The cost of the survey shall be  
8           borne by the recipient of the parcels.

9           (e) ADDITIONAL TERMS AND CONDITIONS.—The  
10          Secretary may require such additional terms and condi-  
11          tions in connection with the conveyance under subsection  
12          (a) as the Secretary considers appropriate to protect the  
13          interests of the United States.

14          (f) INAPPLICABILITY OF CERTAIN PROVISIONS OF  
15          LAW.—The conveyance of property under this section  
16          shall not be subject to section 2696 of title 10, United  
17          States Code.

18          (g) DEFINITION OF SECRETARY.—In this section the  
19          term “Secretary” means the Secretary of the Army.

20       **SEC. 2845. LAND EXCHANGE, NAVAL AIR STATION CORPUS**  
21                               **CHRISTI, TEXAS.**

22          (a) LAND EXCHANGE AUTHORIZED.—The Secretary  
23          of the Navy (in this section referred to as the “Secretary”)  
24          may convey to the City of Corpus Christi, Texas (in this  
25          section referred to as the “City”), all right, title, and in-

1 terest of the United States in and to a parcel of real prop-  
2 erty, including improvements thereon, consisting of ap-  
3 proximately 44 acres known as the Peary Place Trans-  
4 mitter Site in Nueces County associated with Naval Air  
5 Station Corpus Christi, Texas.

6 (b) CONSIDERATION.—As consideration for the con-  
7 veyance under subsection (a), the City shall convey to the  
8 Secretary its real property interests either adjacent or  
9 proximate, and causing an encroachment concern as deter-  
10 mined by the Secretary, to Naval Air Station Corpus  
11 Christi, Naval Outlying Landing Field Waldron and Naval  
12 Outlying Landing Field Cabaniss.

13 (c) LAND EXCHANGE AGREEMENT.—The Secretary  
14 and the City may enter into a land exchange agreement  
15 to implement this section.

16 (d) VALUATION.—The value of each property interest  
17 to be exchanged by the Secretary and the City described  
18 in subsections (a) and (b) shall be determined—

19 (1) by an independent appraiser selected by the  
20 Secretary; and

21 (2) in accordance with the Uniform Appraisal  
22 Standards for Federal Land Acquisitions and the  
23 Uniform Standards of Professional Appraisal Prac-  
24 tice.

25 (e) CASH EQUALIZATION PAYMENTS.—

1           (1) TO THE SECRETARY.—If the value of the  
2           property interests described in subsection (a) is  
3           greater than the value of the property interests de-  
4           scribed in subsection (b), the values shall be equal-  
5           ized through a cash equalization payment from the  
6           City to the Department of the Navy.

7           (2) NO EQUALIZATION.—If the value of the  
8           property interests described in subsection (b) is  
9           greater than the value of the property interests de-  
10          scribed in subsection (a), the Secretary shall not  
11          make a cash equalization payment to equalize the  
12          values.

13          (f) PAYMENT OF COSTS OF CONVEYANCE.—

14           (1) PAYMENT REQUIRED.—The Secretary shall  
15           require the City to pay costs to be incurred by the  
16           Secretary to carry out the exchange of property in-  
17           terests under this section, including those costs re-  
18           lated to land survey, environmental documentation,  
19           real estate due diligence such as appraisals, and any  
20           other administrative costs related to the exchange of  
21           property interests to include costs incurred pre-  
22           paring and executing the land exchange agreement  
23           authorized under subsection (c). If amounts are col-  
24           lected from the City in advance of the Secretary in-  
25           curring the actual costs and the amount collected ex-

1 ceeds the costs actually incurred by the Secretary to  
2 carry out the exchange of property interests, the  
3 Secretary shall refund the excess amount to the  
4 City.

5 (2) TREATMENT OF AMOUNTS RECEIVED.—  
6 Amounts received as reimbursement under para-  
7 graph (1) above shall be used in accordance with  
8 section 2695(c) of title 10, United States Code.

9 (g) DESCRIPTION OF PROPERTY.—The exact acreage  
10 and legal description of the property interests to be ex-  
11 changed under this section shall be determined by surveys  
12 satisfactory to the Secretary.

13 (h) CONVEYANCE AGREEMENT.—The exchange of  
14 real property interests under this section shall be accom-  
15 plished using an appropriate legal instrument and upon  
16 terms and conditions mutually satisfactory to the Sec-  
17 retary and the City, including such additional terms and  
18 conditions as the Secretary considers appropriate to pro-  
19 tect the interests of the United States.

20 (i) EXEMPTION FROM SCREENING REQUIREMENTS  
21 FOR ADDITIONAL FEDERAL USE.—The authority under  
22 this section is exempt from the screening process required  
23 under section 2696(b) of title 10, United States Code.

24 (j) SUNSET PROVISION.—The authority under this  
25 section shall expire on October 1, 2019, unless the Sec-



1 retary and the City have signed a land exchange agree-  
2 ment described in subsection (c).

3 **SEC. 2846. IMPOSITION OF ADDITIONAL CONDITIONS ON**  
4 **FUTURE USE OF CASTNER RANGE, FORT**  
5 **BLISS, TEXAS.**

6 Section 2844 of the Military Construction Authoriza-  
7 tion Act for Fiscal Year 2013 (division B of Public Law  
8 112–239; 126 Stat. 2157) is amended by adding at the  
9 end the following new subsection:

10 “(e) ADDITIONAL CONDITIONS ON FUTURE USE OF  
11 CASTNER RANGE.—

12 “(1) CONDITIONS.—To protect and conserve ec-  
13 ological, scenic, wildlife, recreational, cultural, his-  
14 torical, natural, educational, and scientific resources  
15 within the real property described in subsection (a),  
16 subject to rights and improvements in existence as  
17 of December 31, 2017, there shall be no commercial  
18 enterprise, no permanent road, no temporary road,  
19 no use of motor vehicles or motorized equipment, no  
20 landing of aircraft, no other form of mechanical  
21 transport, and no structure, building or installation  
22 of any kind, except measures required to protect the  
23 health and safety of persons.

24 “(2) APPLICABILITY OF CONDITIONS.—

1           “(A) Paragraph (1) applies to use of the  
2           real property by the Secretary or any successor  
3           in interest including the head of another federal  
4           agency or a non-federal entity.

5           “(B) The Secretary, or head of any other  
6           federal agency, shall include the conditions set  
7           forth in paragraph (1) in the conveyance au-  
8           thorized by subsection (a), or any conveyance of  
9           the property described in subsection (a), or any  
10          portion thereof, to any other non-federal entity.

11          “(3) NONCOMPLIANCE.—Subsection (b) shall  
12          apply to a determination by the Secretary, or head  
13          of any other federal agency, that a non-federal entity  
14          to whom the property described in subsection (a) or  
15          any portion thereof has been conveyed, or any suc-  
16          cessor in interest, has not complied with paragraph  
17          (1).

18          “(4) MILITARY MUNITIONS.—The Secretary  
19          shall conduct military munitions response actions on  
20          the real property described in subsection (a) in ac-  
21          cordance with the Comprehensive Environmental Re-  
22          sponse Compensation and Liability Act of 1980 and  
23          consistent with the limited recreational, non-residen-  
24          tial, non-commercial conditions on future use set  
25          forth in paragraph (1). These munitions response

1 actions shall also minimize disturbance of natural  
2 and cultural resources present on the real property  
3 described in subsection (a).”.

4 **SEC. 2847. LAND CONVEYANCE, FORMER MISSILE ALERT**  
5 **FACILITY KNOWN AS QUEBEC-01, LARAMIE**  
6 **COUNTY, WYOMING.**

7 (a) CONVEYANCE AUTHORIZED.—The Secretary of  
8 the Air Force may convey, without consideration, to the  
9 State of Wyoming (in this section referred to as the  
10 “State”), all right, title, and interest of the United States  
11 in and to the real property, including any improvements  
12 thereon, consisting of the former Missile Alert Facility  
13 (MAF) known as “Quebec-01,” located in Laramie Coun-  
14 ty, Wyoming, for the purpose of operating a historical site,  
15 interpretive center, or museum.

16 (b) PAYMENT OF COSTS OF CONVEYANCE.—

17 (1) PAYMENT REQUIRED.—The Secretary of  
18 the Air Force may require the State to cover costs  
19 to be incurred by the Secretary, or to reimburse the  
20 Secretary for such costs incurred by the Secretary,  
21 to carry out the conveyance under subsection (a), in-  
22 cluding survey costs, costs for environmental docu-  
23 mentation, and any other administrative costs re-  
24 lated to the conveyance. If amounts are collected  
25 from the State in advance of the Secretary incurring

1 the actual costs, and the amount collected exceeds  
2 the costs actually incurred by the Secretary to carry  
3 out the conveyance, the Secretary shall refund the  
4 excess amount to the State.

5 (2) TREATMENT OF AMOUNTS RECEIVED.—  
6 Amounts received as reimbursement under para-  
7 graph (1) shall be credited to the fund or account  
8 that was used to cover those costs incurred by the  
9 Secretary in carrying out the conveyance, or if such  
10 fund or account has expired at the time of credit, to  
11 an appropriate appropriation, fund, or account cur-  
12 rently available to the Secretary for the purposes for  
13 which the costs were paid. Amounts so credited shall  
14 be merged with amounts in such appropriation,  
15 fund, or account, and shall be available for the same  
16 purpose, and subject to the same conditions and lim-  
17 itations, as amounts in such fund or account.

18 (c) DESCRIPTION OF PROPERTY.—The exact acreage  
19 and legal description of the property to be conveyed under  
20 subsection (a) shall be determined by a survey satisfactory  
21 to the Secretary of the Air Force.

22 (d) REVERSIONARY INTEREST.—If the Secretary of  
23 the Air Force determines at any time that the real prop-  
24 erty conveyed under subsection (a) is not being used in  
25 accordance with the purpose of the conveyance specified

1 in subsection (a), all right, title, and interest in and to  
2 such real property, including any improvements thereto,  
3 shall, at the option of the Secretary, revert to and become  
4 the property of the United States, and the United States  
5 shall have the right of immediate entry onto such real  
6 property. A determination by the Secretary under this  
7 subsection shall be made on the record after an oppor-  
8 tunity for a hearing.

9 (e) **ADDITIONAL TERMS.**—The Secretary of the Air  
10 Force may require such additional terms and conditions  
11 in connection with the conveyance as the Secretary con-  
12 siders appropriate to protect the interests of the United  
13 States.

14 **Subtitle F—Military Memorials,**  
15 **Monuments, and Museums**

16 **SEC. 2861. RECOGNITION OF THE NATIONAL MUSEUM OF**  
17 **WORLD WAR II AVIATION.**

18 (a) **RECOGNITION.**—The National Museum of World  
19 War II Aviation in Colorado Springs, Colorado, is recog-  
20 nized as America’s National World War II Aviation Mu-  
21 seum.

22 (b) **EFFECT OF RECOGNITION.**—The National Mu-  
23 seum recognized by this section is not a unit of the Na-  
24 tional Park System, and the recognition of the National  
25 Museum shall not be construed to require or permit Fed-

1 eral funds to be expended for any purpose related to the  
2 National Museum.

3 **SEC. 2862. PRINCIPAL OFFICE OF AVIATION HALL OF FAME.**

4 Section 23107 of title 36, United States Code, is  
5 amended by striking “Dayton,” and all that follows  
6 through “trustees” and inserting “Ohio”.

7 **SEC. 2863. ESTABLISHMENT OF A VISITOR SERVICES FACIL-  
8 ITY ON THE ARLINGTON RIDGE TRACT.**

9 (a) ARLINGTON RIDGE TRACT DEFINED.—In this  
10 section, the term “Arlington Ridge tract” means the par-  
11 cel of Federal land located in Arlington County, Virginia,  
12 known as the “Nevius Tract” and transferred to the De-  
13 partment of the Interior in 1953, that is bounded gen-  
14 erally by—

15 (1) Arlington Boulevard (United States Route  
16 50) to the north;

17 (2) Jefferson Davis Highway (Virginia Route  
18 110) to the east;

19 (3) Marshall Drive to the south; and

20 (4) North Meade Street to the west.

21 (b) ESTABLISHMENT OF VISITOR SERVICES FACIL-  
22 ITY.—Notwithstanding section 2863(g) of the Military  
23 Construction Authorization Act for Fiscal Year 2002  
24 (Public Law 107–107; 115 Stat. 1332), the Secretary of  
25 the Interior may construct a structure for visitor services,

1 including a public restroom facility, on the Arlington  
2 Ridge tract in the area of the United States Marine Corps  
3 War Memorial.

4 **SEC. 2864. MODIFICATION OF PROHIBITION ON TRANSFER**  
5 **OF VETERANS MEMORIAL OBJECTS TO FOR-**  
6 **EIGN GOVERNMENTS WITHOUT SPECIFIC AU-**  
7 **THORIZATION IN LAW.**

8 (a) DESCRIPTION OF OBJECTS.—Paragraph  
9 (2)(B)(iii) of section 2572(e) of title 10, United States  
10 Code, is amended by striking “from abroad” and inserting  
11 “from abroad before 1907”.

12 (b) EXTENSION OF PROHIBITION.—Paragraph  
13 (3)(B) of section 2572(e) of such title is amended by strik-  
14 ing “September 30, 2017” and inserting “September 30,  
15 2022”.

16 (c) PERMITTING TRANSFER OF BELLS OF  
17 BALANGIGA.—

18 (1) IN GENERAL.—Notwithstanding section  
19 2572(e) of title 10, United States Code, the Presi-  
20 dent may transfer the veterans memorial object  
21 known as the “Bells of Balangiga” to the Republic  
22 of the Philippines if the Secretary of Defense cer-  
23 tifies to Congress that—

1 (A) the transfer of the object is in the na-  
2 tional security interests of the United States;  
3 and

4 (B) appropriate steps have been taken to  
5 preserve the history of the veterans associated  
6 with the object, including consultation with as-  
7 sociated veterans organizations and government  
8 officials in the State of Wyoming, as appro-  
9 priate.

10 (2) TIMING OF TRANSFER.—The President may  
11 not carry out the transfer described in this sub-  
12 section until at least 90 days after the Secretary of  
13 Defense provides Congress with the certification re-  
14 quired under paragraph (1).

15 (d) EFFECTIVE DATE.—The amendments made by  
16 this section shall take effect October 1, 2017.

## 17 **Subtitle G—Other Matters**

### 18 **SEC. 2871. AUTHORITY OF THE SECRETARY OF THE AIR** 19 **FORCE TO ACCEPT LESSEE IMPROVEMENTS** 20 **AT AIR FORCE PLANT 42.**

21 (a) ACCEPTANCE OF LESSEE IMPROVEMENTS AT AIR  
22 FORCE PLANT 42.—A lease of Air Force Plant 42, in  
23 whole or part, may permit the lessee, with the approval  
24 of the Secretary of the Air Force, to alter, expand, or oth-  
25 erwise improve the plant or facility as necessary for the



1 development or production of military weapons systems,  
2 munitions, components, or supplies. Such lease may pro-  
3 vide, notwithstanding section 2802 of title 10, United  
4 States Code, that such alteration, expansion or other im-  
5 provement shall, upon completion, become the property of  
6 the Federal Government, regardless of whether such alter-  
7 ation, expansion, or other improvement constitutes all or  
8 part of the consideration for the lease pursuant to section  
9 2667(b)(5) of such title or represents a reimbursable cost  
10 allocable to any contract, cooperative agreement, grant, or  
11 other instrument with respect to activity undertaken at  
12 Air Force Plant 42.

13 (b) CONGRESSIONAL NOTIFICATION.—When a deci-  
14 sion is made to approve a project to which subsection (a)  
15 applies costing more than the threshold specified under  
16 section 2805(c) of such title, the Secretary of the Air  
17 Force shall notify the congressional defense committees in  
18 writing of that decision, the justification for the project,  
19 and the estimated cost of the project. The Secretary may  
20 not carry out the project until the end of the 21-day period  
21 beginning on the date the congressional defense commit-  
22 tees receive such notification or, if earlier, the end of the  
23 14-day period beginning on the date on which a copy of  
24 the notification is provided in an electronic medium pursu-  
25 ant to section 480 of such title.

1 **SEC. 2872. MODIFICATION OF DEPARTMENT OF DEFENSE**  
2 **GUIDANCE ON USE OF AIRFIELD PAVEMENT**  
3 **MARKINGS.**

4 (a) **MODIFICATION REQUIRED.**—Except as provided  
5 in subsection (b), the Secretary of Defense shall require  
6 such modifications of Unified Facilities Guide Specifica-  
7 tions for pavement markings (UFGS 32 17 23.00 20  
8 Pavement Markings, UFGS 32 17 24.00 10 Pavement  
9 Markings), Air Force Engineering Technical Letter ETL  
10 97–18 (Guide Specification for Airfield and Roadway  
11 Marking), and any other Department of Defense guidance  
12 on airfield pavement markings as may be necessary to pro-  
13 hibit the use of Type I glass beads or any glass beads  
14 with a 1.6 refractive index or less from use on airfield  
15 markings on airfields under the control of the Secretary.

16 (b) **EXCEPTION.**—Subsection (a) shall not apply if  
17 the Secretary of the Air Force submits a certification to  
18 the congressional defense committees that, whenever a  
19 proposed contract for airfield pavement markings includes  
20 the use of Type I and Type III glass beads, the assessment  
21 of the life-cycle costs associated with the use of such beads  
22 appropriately considers the local site conditions, life-cycle  
23 cost maintenance, environmental impact, operational re-  
24 quirements, and the safety of flight.

1 (c) EFFECTIVE DATE.—The modifications required  
2 under subsection (a) shall apply with respect to procure-  
3 ments occurring after September 30, 2018.

4 **SEC. 2873. AUTHORITY OF CHIEF OPERATING OFFICER OF**  
5 **ARMED FORCES RETIREMENT HOME TO AC-**  
6 **QUIRE AND LEASE PROPERTY.**

7 (a) ACQUISITION OF PROPERTY.—Section 1511(e) of  
8 the Armed Forces Retirement Home Act of 1991 (24  
9 U.S.C. 411(e)) is amended—

10 (1) in paragraph (2)—

11 (A) by striking “Secretary of Defense may  
12 acquire,” and inserting “Chief Operating Offi-  
13 cer may acquire,”; and

14 (B) by striking “Secretary may acquire”  
15 and inserting “Chief Operating Officer may ac-  
16 quire”; and

17 (2) in paragraph (3)—

18 (A) by striking “Secretary of Defense de-  
19 termines” and inserting “Chief Operating Offi-  
20 cer determines”; and

21 (B) by striking “Secretary shall dispose”  
22 and inserting “Chief Operating Officer shall  
23 dispose”.

1 (b) LEASING OF NON-EXCESS PROPERTY.—Sub-  
2 section (i) of section 1511 of such Act (24 U.S.C. 411(i))  
3 is amended—

4 (1) in paragraph (1)—

5 (A) by striking “Whenever” and inserting  
6 “Subject to the approval of the Secretary of  
7 Defense, whenever”;

8 (B) by striking “Secretary of Defense (act-  
9 ing on behalf of the Chief Operating Officer)”  
10 and inserting “Chief Operating Officer”; and

11 (C) by striking “Secretary considers” and  
12 inserting “Chief Operating Officer considers”;

13 (2) in paragraph (5), by striking “the Secretary  
14 of Defense may not enter into the lease on behalf of  
15 the Chief Operating Officer” and inserting “the  
16 Chief Operating Officer may not enter into the  
17 lease”; and

18 (3) in subparagraph (A) of paragraph (6), by  
19 striking “Secretary of Defense” and inserting “Chief  
20 Operating Officer”.

21 **SEC. 2874. RESTRICTIONS ON REHABILITATION OF OVER-**  
22 **THE-HORIZON BACKSCATTER RADAR STA-**  
23 **TION.**

24 (a) RESTRICTIONS.—Except as provided in sub-  
25 section (b), the Secretary of the Air Force may not use

1 any funds or resources to carry out the rehabilitation of  
2 the Over-the-Horizon Backscatter Radar Station on  
3 Modoc National Forest land in Modoc County, California.

4 (b) EXCEPTION FOR REMOVAL OF PERIMETER  
5 FENCE.—Notwithstanding subsection (a), the Secretary  
6 may use funds and resources to remove the perimeter  
7 fence surrounding the Over-the-Horizon Backscatter  
8 Radar Station and to carry out the mitigation of soil con-  
9 tamination associated with such fence.

10 (c) SUNSET.—Subsection (a) shall terminate on the  
11 date of the enactment of the National Defense Authoriza-  
12 tion Act for Fiscal Year 2019.

13 **SEC. 2875. PERMITTING MACHINE ROOM-LESS ELEVATORS**  
14 **IN DEPARTMENT OF DEFENSE FACILITIES.**

15 (a) IN GENERAL.—The Secretary of Defense shall  
16 issue modifications to all relevant construction and facili-  
17 ties specifications to ensure that machine room-less ele-  
18 vators (MRLs) are not prohibited in buildings and facili-  
19 ties throughout the Department of Defense, including  
20 modifications to the Unified Facilities Guide Specifica-  
21 tions (UFGS), the Naval Facilities Engineering Command  
22 Interim Technical Guidance, and the Army Corps of Engi-  
23 neers Engineering and Construction Bulletin.

24 (b) CONFORMING TO BEST PRACTICES.—In addition  
25 to the modifications required under subsection (a), the

1 Secretary may issue further modifications to conform gen-  
2 erally with commercial best practices as reflected in the  
3 safety code for elevators and escalators as issued by the  
4 American Society of Mechanical Engineers.

5 (c) DEADLINES.—The Secretary shall promulgate in-  
6 terim MRL standards not later than 180 days after the  
7 date of the enactment of this Act, and shall issue final  
8 and formal MRL specifications not later than 1 year after  
9 the date of the enactment of this Act.

10 (d) REPORT.—Not later than 1 year after the date  
11 of the enactment of this Act, the Secretary shall issue a  
12 report to the congressional defense committees on the inte-  
13 gration and utilization of MRLs, including information on  
14 quantity, location, problems, and successes.

15 **SEC. 2876. DISCLOSURE OF BENEFICIAL OWNERSHIP BY**  
16 **FOREIGN PERSONS OF HIGH SECURITY**  
17 **SPACE LEASED BY THE DEPARTMENT OF DE-**  
18 **FENSE.**

19 (a) IDENTIFICATION OF BENEFICIAL OWNERSHIP.—  
20 Before entering into a lease agreement with a covered en-  
21 tity for accommodation of a military department or De-  
22 fense Agency in a building (or other improvement) that  
23 will be used for high-security leased space, the Depart-  
24 ment of Defense shall require the covered entity to—

1           (1) identify each beneficial owner of the covered  
2           entity by—

3                   (A) name;

4                   (B) current residential or business street  
5           address; and

6                   (C) in the case of a United States person,  
7           a unique identifying number from a nonexpired  
8           passport issued by the United States or a non-  
9           expired drivers license issued by a State; and

10           (2) disclose to the Department of Defense any  
11           beneficial owner of the covered entity that is a for-  
12           eign person.

13           (b) REQUIRED DISCLOSURE.—

14                   (1) INITIAL DISCLOSURE.—The Secretary of  
15           Defense shall require a covered entity to provide the  
16           information required under subsection (a), when  
17           first submitting a proposal in response to a solicita-  
18           tion for offers issued by the Department.

19                   (2) UPDATES.—The Secretary of Defense shall  
20           require a covered entity to update a submission of  
21           information required under subsection (a) not later  
22           than 60 days after the date of any change in—

23                           (A) the list of beneficial owners of the cov-  
24           ered entity; or

1 (B) the information required to be pro-  
2 vided relating to each such beneficial owner.

3 (c) PRECAUTIONS.—If a covered entity discloses a  
4 foreign person as a beneficial owner of a building (or other  
5 improvement) from which the Department of Defense is  
6 leasing high-security leased space, the Department of De-  
7 fense shall notify the tenant of the space to take appro-  
8 priate security precautions.

9 (d) DEFINITIONS.—

10 (1) BENEFICIAL OWNER.—

11 (A) IN GENERAL.—The term beneficial  
12 owner—

13 (i) means, with respect to a covered  
14 entity, each natural person who, directly or  
15 indirectly—

16 (I) exercises control over the cov-  
17 ered entity through ownership inter-  
18 ests, voting rights, agreements, or  
19 otherwise; or

20 (II) has an interest in or receives  
21 substantial economic benefits from the  
22 assets of the covered entity; and

23 (ii) does not include, with respect to a  
24 covered entity—

25 (I) a minor child;



1 (II) a person acting as a nomi-  
2 nee, intermediary, custodian, or agent  
3 on behalf of another person;

4 (III) a person acting solely as an  
5 employee of the covered entity and  
6 whose control over or economic bene-  
7 fits from the covered entity derives  
8 solely from the employment status of  
9 the person;

10 (IV) a person whose only interest  
11 in the covered entity is through a  
12 right of inheritance, unless the person  
13 otherwise meets the definition of  
14 “beneficial owner” under this para-  
15 graph; and

16 (V) a creditor of the covered enti-  
17 ty, unless the creditor otherwise meets  
18 the requirements of “beneficial  
19 owner” described above.

20 (B) ANTI-ABUSE RULE.—The exceptions  
21 under subparagraph (A)(ii) shall not apply if  
22 used for the purpose of evading, circumventing,  
23 or abusing the requirements of this section.

1           (2) COVERED ENTITY.—The term “covered en-  
2           tity” means a person, copartnership, corporation, or  
3           other public or private entity.

4           (3) FOREIGN PERSON.—The term “foreign per-  
5           son” means an individual who is not a United States  
6           person or an alien lawfully admitted for permanent  
7           residence into the United States.

8           (4) HIGH-SECURITY LEASED SPACE.—The term  
9           “high-security leased space” means a space leased  
10          by the Department of Defense that has a security  
11          level of III, IV, or V, as determined in accordance  
12          with the Interagency Security Committee Risk Man-  
13          agement Process.

14          (5) UNITED STATES PERSON.—The term  
15          “United States person” means a natural person who  
16          is a citizen of the United States or who owes perma-  
17          nent allegiance to the United States.

18 **SEC. 2877. JOINT USE OF DOBBINS AIR RESERVE BASE,**  
19 **MARIETTA, GEORGIA, WITH CIVIL AVIATION.**

20          (a) IN GENERAL.—The Secretary of the Air Force  
21          may enter into an agreement that would provide or permit  
22          the joint use of Dobbins Air Reserve Base, Marietta, Geor-  
23          gia, by the Air Force and civil aircraft.

1 (b) CONFORMING REPEAL.—Section 312 of the Na-  
2 tional Defense Authorization Act, Fiscal Year 1989 (Pub-  
3 lic Law 100–456; 102 Stat. 1950) is hereby repealed.

4 **SEC. 2878. REPORT ON HURRICANE DAMAGE TO DEPART-**  
5 **MENT OF DEFENSE ASSETS.**

6 (a) IN GENERAL.—Not later than 90 days after the  
7 date of the enactment of this Act, the Secretary of Defense  
8 shall submit to the congressional defense committees a re-  
9 port on damage to Department of Defense assets and in-  
10 stallations from hurricanes during 2017.

11 (b) ELEMENTS.—The report required under sub-  
12 section (a) shall include the following elements:

13 (1) The results of a storm damage assessment.

14 (2) A description of affected military installa-  
15 tions and assets.

16 (3) A request for funding to initiate the repair  
17 and replacement of damaged facilities and assets, in-  
18 cluding necessary upgrades to existing facilities to  
19 make them compliant with current hurricane stand-  
20 ards, and to cover any unfunded requirements for  
21 military construction at affected military installa-  
22 tions.

23 (4) An adaptation plan to ensure military in-  
24 stallations funded with taxpayer dollars are con-

1       structured to better withstand flooding and extreme  
2       weather events.

3       **SEC. 2879. SPECIAL RULES FOR CERTAIN PROJECTS.**

4       (a) CONDITIONS ON USE OF FUNDS FOR KWAJALEIN  
5       PROJECT.—

6               (1) CONDITIONS DESCRIBED.—The military  
7       family housing replacement project at Kwajalein  
8       Atoll (as included under title XXI) shall be subject  
9       to the following conditions:

10               (A) The project shall provide for the con-  
11       struction of at least 26 family housing units.

12               (B) The housing units may be used to  
13       house only military personnel, other Federal  
14       employees, and their dependents.

15               (C) If the costs of the project exceed the  
16       amount authorized for the project under title  
17       XXI, in addition to meeting the requirements of  
18       section 2853 of title 10, United States Code (as  
19       amended by this Act), the Secretary of the  
20       Army shall submit a separate report to the con-  
21       gressional defense committees which contains  
22       the following:

23               (i) A detailed explanation of why the  
24       costs of the project exceeded such author-  
25       ized amount.

1 (ii) A description of the specific ac-  
2 tions taken to prevent further cost in-  
3 creases on this project and lessons learned  
4 that will be applied to future projects at  
5 this location.

6 (iii) A summary of alternatives consid-  
7 ered to keep the cost of the project from  
8 exceeding such authorized amount.

9 (2) REPORT ON ALTERNATIVES FOR FUNDING  
10 CONTRACTOR WORKFORCE.—Not later than 180  
11 days after the date of enactment of this Act, the  
12 Secretary of the Army shall submit a report to the  
13 congressional defense committees detailing options  
14 under consideration to meet the requirements for a  
15 housing contractor workforce at Kwajalein Atoll  
16 which do not rely on the use of military construction  
17 funds for the costs of such a workforce.

18 (b) LIMITATION ON CERTAIN GUAM PROJECT.—The  
19 Secretary of the Navy may not carry out any construction  
20 activity on the project on Guam known as the “Replace  
21 Andersen Housing Phase II” project (as included under  
22 title XXII) until the expiration of the 30-day period which  
23 begins on the date the Secretary submits to the congres-  
24 sional defense committees a report certifying the following:

1           (1) Either a sufficient workforce of contractors  
2           or subcontractors is in place on Guam, or the Sec-  
3           retary has a plan in place to ensure that a sufficient  
4           workforce of contractors or subcontractors will be in  
5           place on Guam, to perform the work required by the  
6           scope of the project.

7           (2) A contract has been awarded for each of the  
8           following military construction projects authorized  
9           by this Act, either as a separate contract or as a  
10          joint contract with the Replace Andersen House  
11          Phase II project:

12                 (A) Corrosion Control Hangar, Joint Re-  
13                 gion Marianas.

14                 (B) Aircraft Maintenance Hanger #2,  
15                 Joint Region Marianas.

16                 (C) MALS Facilities, Joint Region Mari-  
17                 anas.

18                 (D) Water Well Field, Joint Region Mari-  
19                 anas.

20                 (E) Navy-Commercial Tie-In Hardening,  
21                 Joint Region Marianas.

22   **SEC. 2880. ENERGY SECURITY FOR MILITARY INSTALLA-**  
23                                 **TIONS IN EUROPE.**

24           (a) **AUTHORITY.**—The Secretary of Defense shall  
25   take appropriate measures, to the extent practicable, to—

1           (1) reduce the dependency of all United States  
2           military installations in Europe on energy sourced  
3           inside Russia; and

4           (2) ensure that all United States military in-  
5           stallations in Europe are able to sustain operations  
6           in the event of a supply disruption.

7           (b) CERTIFICATION REQUIREMENT.—Not later than  
8           December 31, 2021, the Secretary of Defense shall certify  
9           to the congressional defense committees whether or not  
10          at United States military installations in Europe the De-  
11          partment of Defense—

12          (1) has taken significant steps to minimize to  
13          the extent practicable the dependency on energy  
14          sourced inside the Russian Federation at such in-  
15          stallations; and

16          (2) has the ability to sustain mission critical op-  
17          erations during an energy supply disruption.

18          (c) DEFINITION OF ENERGY SOURCES INSIDE RUS-  
19          SIA.—In this section, the term “energy sourced inside  
20          Russia” means energy that is produced, owned, or facili-  
21          tated by companies that are located in the Russian Fed-  
22          eration or owned or controlled by the Government of the  
23          Russian Federation.

1 **TITLE XXIX—OVERSEAS CONTIN-**  
 2 **GENY OPERATIONS MILI-**  
 3 **TARY CONSTRUCTION**

Sec. 2901. Authorized Army construction and land acquisition projects.

Sec. 2902. Authorized Navy construction and land acquisition project.

Sec. 2903. Authorized Air Force construction and land acquisition project.

Sec. 2904. Authorized Defense Agencies construction and land acquisition project.

Sec. 2905. Authorization of appropriations.

Sec. 2906. Extension of authorization of certain fiscal year 2015 projects.

4 **SEC. 2901. AUTHORIZED ARMY CONSTRUCTION AND LAND**  
 5 **ACQUISITION PROJECTS.**

6 The Secretary of the Army may acquire real property  
 7 and carry out the military construction projects for the  
 8 installations outside the United States, and in the  
 9 amounts, set forth in the following table:

**Army: Outside the United States**

Country	Location	Amount
Cuba .....	Guantanamo .....	\$115,000,000
Turkey .....	Various Locations .....	\$6,400,000

10 **SEC. 2902. AUTHORIZED NAVY CONSTRUCTION AND LAND**  
 11 **ACQUISITION PROJECT.**

12 The Secretary of the Navy may acquire real property  
 13 and carry out the military construction projects for the  
 14 installation outside the United States, and in the amount,  
 15 set forth in the following table:

**Navy: Outside the United States**

Country	Location	Amount
Djibouti .....	Camp Lemonnier .....	\$13,390,000



1 **SEC. 2903. AUTHORIZED AIR FORCE CONSTRUCTION AND**  
 2 **LAND ACQUISITION PROJECT.**

3 The Secretary of the Air Force may acquire real  
 4 property and carry out the military construction projects  
 5 for the installations outside the United States, and in the  
 6 amounts, set forth in the following table:

**Air Force: Outside the United States**

Country	Location	Amount
Estonia .....	Amari Air Base .....	\$13,900,000
Hungary .....	Keesketmet Air Base .....	\$55,400,000
Iceland .....	Keflavik .....	\$14,400,000
Italy .....	Aviano Air Base .....	\$27,325,000
Jordan .....	Azraq .....	\$143,000,000
Latvia .....	Lielvarde Air Base .....	\$3,850,000
Luxembourg .....	Sanem .....	\$67,400,000
Norway .....	Rygge .....	\$10,300,000
Qatar .....	Al Udeid .....	\$15,000,000
Romania .....	Campia Turzii .....	\$2,950,000
Slovakia .....	Silac Airport .....	\$22,000,000
	Malacky .....	\$24,000,000
Turkey .....	Incirlik Air Base .....	\$48,697,000

7 **SEC. 2904. AUTHORIZED DEFENSE AGENCIES CONSTRUC-**  
 8 **TION AND LAND ACQUISITION PROJECT.**

9 The Secretary of Defense may acquire real property  
 10 and carry out the military construction project for the in-  
 11 stallation outside the United States, and in the amount,  
 12 set forth in the following table:

**Defense Agencies: Outside the United States**

Country	Location	Amount
Italy .....	Sigonella .....	\$22,400,000

13 **SEC. 2905. AUTHORIZATION OF APPROPRIATIONS.**

14 Funds are hereby authorized to be appropriated for  
 15 fiscal years beginning after September 30, 2017, for the  
 16 military construction projects outside the United States

1 authorized by this title as specified in the funding table  
2 in section 4602.

3 **SEC. 2906. EXTENSION OF AUTHORIZATION OF CERTAIN**  
4 **FISCAL YEAR 2015 PROJECTS.**

5 (a) **EXTENSION.**—Notwithstanding section 2002 of  
6 the Military Construction Authorization Act for Fiscal  
7 Year 2015 (division B of Public Law 113–291; 128 Stat.  
8 3669), the authorizations set forth in the table in sub-  
9 section (b), as provided in section 2902 of that Act (128  
10 Stat. 3717), shall remain in effect until October 1, 2018,  
11 or the date of the enactment of an Act authorizing funds  
12 for military construction for fiscal year 2019, whichever  
13 is later.

14 (b) **TABLE.**—The table referred to in subsection (a)  
15 is as follows:

**Extension of 2015 Air Force OCO Project Authorizations**

<b>Country</b>	<b>Installation</b>	<b>Project</b>	<b>Amount</b>
Italy .....	Camp Darby .....	ERI: Improve Weapons Storage Facility.	\$44,500,000
Poland .....	Lask Air Base .....	ERI: Improve Support Infrastructure.	\$22,400,000

1 **DIVISION C—DEPARTMENT OF**  
2 **ENERGY NATIONAL SECURITY**  
3 **AUTHORIZATIONS AND**  
4 **OTHER AUTHORIZATIONS**  
5 **TITLE XXXI—DEPARTMENT OF**  
6 **ENERGY NATIONAL SECURITY**  
7 **PROGRAMS**

Subtitle A—National Security Programs and Authorizations

- Sec. 3101. National Nuclear Security Administration.
- Sec. 3102. Defense environmental cleanup.
- Sec. 3103. Other defense activities.
- Sec. 3104. Nuclear energy.

Subtitle B—Program Authorizations, Restrictions, and Limitations

- Sec. 3111. Nuclear security enterprise infrastructure modernization initiative.
- Sec. 3112. Incorporation of integrated surety architecture in transportation.
- Sec. 3113. Cost estimates for life extension program and major alteration projects.
- Sec. 3114. Improved information relating to certain defense nuclear non-proliferation programs.
- Sec. 3115. Research and development of advanced naval reactor fuel based on low-enriched uranium.
- Sec. 3116. National Nuclear Security Administration pay and performance system.
- Sec. 3117. Budget requests and certification regarding nuclear weapons dismantlement.
- Sec. 3118. Nuclear warhead design competition.
- Sec. 3119. Modification of minor construction threshold for plant projects.
- Sec. 3120. Extension of authorization of Advisory Board on Toxic Substances and Worker Health.
- Sec. 3121. Use of funds for construction and project support activities relating to MOX facility.
- Sec. 3122. Prohibition on availability of funds for programs in Russian Federation.

Subtitle C—Plans and Reports

- Sec. 3131. Annual Selected Acquisition Reports on certain hardware relating to defense nuclear nonproliferation.
- Sec. 3132. Annual reports on unfunded priorities of National Nuclear Security Administration.
- Sec. 3133. Modification of certain reporting requirements.
- Sec. 3134. Modification to stockpile stewardship, management, and responsiveness plan.

- Sec. 3135. Assessment and development of prototype nuclear weapons of foreign countries.
- Sec. 3136. Plan for verification, detection, and monitoring of nuclear weapons and fissile material.
- Sec. 3137. Review of United States nuclear and radiological terrorism prevention strategy.
- Sec. 3138. Assessment of management and operating contracts of national security laboratories.
- Sec. 3139. Evaluation of classification of certain defense nuclear waste.
- Sec. 3140. Improved reporting for anti-smuggling radiation detection systems.
- Sec. 3141. Plutonium capabilities.
- Sec. 3142. Report on critical decision 1 on Material Staging Facility project.
- Sec. 3143. Plan to further minimize the use of highly enriched uranium for medical isotopes.

Subtitle D—Other Matters

- Sec. 3151. Sense of Congress regarding compensation of individuals relating to uranium mining and nuclear testing.

1           **Subtitle A—National Security**  
2           **Programs and Authorizations**

3   **SEC. 3101. NATIONAL NUCLEAR SECURITY ADMINISTRA-**  
4                           **TION.**

5           (a) AUTHORIZATION OF APPROPRIATIONS.—Funds  
6 are hereby authorized to be appropriated to the Depart-  
7 ment of Energy for fiscal year 2018 for the activities of  
8 the National Nuclear Security Administration in carrying  
9 out programs as specified in the funding table in division  
10 D.

11          (b) AUTHORIZATION OF NEW PLANT PROJECTS.—  
12 From funds referred to in subsection (a) that are available  
13 for carrying out plant projects, the Secretary of Energy  
14 may carry out new plant projects for the National Nuclear  
15 Security Administration as follows:

1           Project 18–D–150, Surplus Plutonium Disposi-  
2           tion, Savannah River Site, Aiken, South Carolina,  
3           \$9,000,000.

4           Project 18–D–620, Exascale Computing Facil-  
5           ity Modernization Project, Lawrence Livermore Na-  
6           tional Laboratory, Livermore, California,  
7           \$3,000,000.

8           Project 18–D–650, Tritium Production Capa-  
9           bility, Savannah River Site, Aiken, South Carolina,  
10          \$6,800,000.

11          Project 18–D–660, Fire Station, Y–12 National  
12          Security Complex, Oak Ridge, Tennessee,  
13          \$28,000,000.

14          Project 18–D–670, Exascale Class Computer  
15          Cooling Equipment, Los Alamos National Labora-  
16          tory, Los Alamos, New Mexico, \$22,000,000.

17          Project 18–D–680, Material Staging Facility,  
18          Pantex Plant, Amarillo, Texas, \$5,200,000.

19          (c) MODIFICATION OF AUTHORITY TO CARRY OUT  
20          ALBUQUERQUE COMPLEX UPGRADES CONSTRUCTION  
21          PROJECT.—

22                 (1) IN GENERAL.—The Administrator for Nu-  
23                 clear Security may enter into an incrementally fund-  
24                 ed contract for Project 16–D–515, the Albuquerque

1 Complex upgrades construction project, Albu-  
2 querque, New Mexico.

3 (2) LIMITATION.—The total cost for the Albu-  
4 querque Complex upgrades construction project may  
5 not exceed \$174,700,000.

6 (3) FUNDING OF INCREMENTS.—

7 (A) INCREMENT 1.—The amount author-  
8 ized to be appropriated by section 3101 of the  
9 National Defense Authorization Act for Fiscal  
10 Year 2017 (Public Law 114–328; 130 Stat.  
11 2754) for fiscal year 2017 and available for  
12 Project 16–D–515 as specified in the funding  
13 table in section 4701 of that Act (Public Law  
14 114–328; 130 Stat. 2890) shall be deemed to  
15 be an amount authorized to be appropriated for  
16 increment 1 of the Albuquerque Complex up-  
17 grades construction project.

18 (B) INCREMENT 2.—The amount author-  
19 ized to be appropriated by this section for fiscal  
20 year 2018 and available for Project 16–D–515  
21 as specified in the funding table in division D  
22 shall be available for increment 2 of the Albu-  
23 querque Complex upgrades construction project.

1 **SEC. 3102. DEFENSE ENVIRONMENTAL CLEANUP.**

2 (a) IN GENERAL.—Funds are hereby authorized to  
3 be appropriated to the Department of Energy for fiscal  
4 year 2018 for defense environmental cleanup activities in  
5 carrying out programs as specified in the funding table  
6 in division D.

7 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—  
8 From funds referred to in subsection (a) that are available  
9 for carrying out plant projects, the Secretary of Energy  
10 may carry out new plant projects for the National Nuclear  
11 Security Administration as follows:

12 Project 18–D–401, Saltstone Disposal Units  
13 #8 and #9, Savannah River Site, Aiken, South  
14 Carolina, \$500,000.

15 Project 18–D–402, Emergency Operations Cen-  
16 ter Replacement, Savannah River Site, Aiken, South  
17 Carolina, \$500,000.

18 Project 18–D–404, Modification of Waste En-  
19 capsulation and Storage Facility, Hanford Site,  
20 Richland, Washington, \$6,500,000.

21 **SEC. 3103. OTHER DEFENSE ACTIVITIES.**

22 Funds are hereby authorized to be appropriated to  
23 the Department of Energy for fiscal year 2018 for other  
24 defense activities in carrying out programs as specified in  
25 the funding table in division D.

1 **SEC. 3104. NUCLEAR ENERGY.**

2 Funds are hereby authorized to be appropriated to  
3 the Department of Energy for fiscal year 2018 for nuclear  
4 energy as specified in the funding table in division D.

5 **Subtitle B—Program Authoriza-**  
6 **tions, Restrictions, and Limita-**  
7 **tions**

8 **SEC. 3111. NUCLEAR SECURITY ENTERPRISE INFRASTRUC-**  
9 **TURE MODERNIZATION INITIATIVE.**

10 (a) FINDINGS.—Congress finds the following:

11 (1) On September 7, 2016, during testimony  
12 before the Subcommittee on Strategic Forces of the  
13 Committee on Armed Services of the House of Rep-  
14 resentatives—

15 (A) the Administrator for Nuclear Secu-  
16 rity, Frank Klotz, said—

17 (i) “Our infrastructure is extensive,  
18 complex, and, in many critical areas, sev-  
19 eral decades old. More than half of  
20 NNSA’s approximately 6,000 real property  
21 assets are over 40 years old, and nearly 30  
22 percent date back to the Manhattan  
23 Project era. Many of the enterprise’s crit-  
24 ical utility, safety, and support systems are  
25 failing at an increasing and unpredictable



1 rate, which poses both programmatic and  
2 safety risk.”; and

3 (ii) “I can think of no greater threat  
4 to the nuclear security enterprise than the  
5 state of NNSA’s infrastructure.”;

6 (B) the President and Chief Executive Of-  
7 ficer of Consolidated Nuclear Security, Morgan  
8 Smith, said, “Many key facilities at both  
9 [Pantex and Y-12] were constructed in the  
10 1940s and were intended to operate for as little  
11 as one decade. Many facilities and their sup-  
12 porting infrastructure have exceeded or far ex-  
13 ceeded their expected life, and major systems  
14 within the facilities are beginning to fail.”; and

15 (C) the Director of Los Alamos National  
16 Laboratory, Dr. Charlie McMillan, said, “One  
17 of the things that keeps me up at night is the  
18 realization that essential capabilities are held at  
19 risk by the possibility of such failures; in many  
20 cases, our enterprise has a single point of fail-  
21 ure.”.

22 (2) In a letter sent on December 23, 2015, by  
23 the Secretary of Energy, Ernest Moniz, to the Direc-  
24 tor of the Office of Management and Budget, Shaun  
25 Donovan, the Secretary said, “A majority of the Na-

1        tional Nuclear Security Administration's (NNSA) fa-  
2        cilities and systems are well beyond end-of-life.... In-  
3        frastructure problems such as falling ceilings are in-  
4        creasing in frequency and severity, unacceptably  
5        risking the safety and security of both personnel and  
6        material at NNSA facilities, as well as in some in-  
7        stances, potential offsite risks. The entire complex  
8        could be placed at risk if there is a single failure  
9        where a single point would disrupt a critical link in  
10       infrastructure.”.

11            (3) The Nuclear Posture Review published in  
12        April 2010 stated that “In order to sustain a safe,  
13        secure, and effective U.S. nuclear stockpile as long  
14        as nuclear weapons exist, the United States must  
15        possess a modern physical infrastructure.... Today's  
16        nuclear complex, however, has fallen into neglect. Al-  
17        though substantial science, technology, and engineer-  
18        ing investments were made over the last decade  
19        under the auspices of the Stockpile Stewardship  
20        Program, the complex still includes many oversized  
21        and costly-to maintain facilities built during the  
22        1940s and 1950s. Some facilities needed for working  
23        with plutonium and uranium date back to the Man-  
24        hattan Project. Safety, security, and environmental

1 issues associated with these aging facilities are  
2 mounting, as are the costs of addressing them.”.

3 (4) In 2009, the bipartisan Congressional Com-  
4 mission on the Strategic Posture of the United  
5 States established by section 1062 of the National  
6 Defense Authorization for Fiscal Year 2008 (Public  
7 Law 110–181; 122 Stat. 319) stated, with regards  
8 to key production facilities, that “existing facilities  
9 are genuinely decrepit and are maintained in a safe  
10 and secure manner only at high cost”.

11 (5) Previous efforts to address the deferred  
12 maintenance and repair challenges within the nu-  
13 clear security enterprise, such as the Facilities In-  
14 frastructure and Recapitalization Program and the  
15 recent halt in the growth of backlog metrics, are  
16 laudable but insufficient for the magnitude of the  
17 problem.

18 (6) Recent figures provided by the Adminis-  
19 trator for Nuclear Security estimate the backlog of  
20 deferred maintenance and repair needs of the nu-  
21 clear security enterprise to be approximately  
22 \$3,700,000,000.

23 (b) INFRASTRUCTURE MODERNIZATION INITIA-  
24 TIVE.—

1           (1) ESTABLISHMENT.—Not later than 30 days  
2 after the date of the enactment of this Act, the Ad-  
3 ministrator for Nuclear Security shall establish and  
4 carry out a program, to be known as the “Infra-  
5 structure Modernization Initiative”, to reduce the  
6 backlog of deferred maintenance and repair needs of  
7 the nuclear security enterprise (as defined in section  
8 4002(6) of the Atomic Energy Defense Act (50  
9 U.S.C. 2501(6))). In carrying out that program, the  
10 Administrator shall establish and execute infrastruc-  
11 ture modernization milestones that reduce the de-  
12 ferred maintenance and repair needs of the nuclear  
13 security enterprise by not less than 30 percent by  
14 2025.

15           (2) AUTHORITIES.—

16           (A) PROCESS.—

17           (i) IN GENERAL.—The Secretary of  
18 Energy shall provide to the Administrator  
19 a process that will enhance or streamline  
20 the ability of the Administrator to carry  
21 out the program under paragraph (1) in  
22 an efficient and effective manner, including  
23 with respect to—

24           (I) the demolition or construction  
25 of non-nuclear facilities of the Admin-

1           istration that have a total estimated  
2           project cost of less than  
3           \$100,000,000; and

4                   (II) the decontamination, decom-  
5           missioning, and demolition (to be per-  
6           formed in accordance with applicable  
7           health and safety standards used by  
8           the Defense Environmental Cleanup  
9           Program) of process-contaminated fa-  
10          cilities of the Administration that  
11          have a total estimated project cost of  
12          less than \$50,000,000.

13                   (ii) FUNDING.—Clause (i) may be car-  
14          ried out using amounts authorized to be  
15          appropriated for fiscal year 2018 or any  
16          subsequent fiscal year.

17                   (B) APPLICATION OF CERTAIN REQUIRE-  
18          MENTS.—For purposes of the Management Pro-  
19          cedures Memorandum 2015–01 of the Office of  
20          Management and Budget, or a successor memo-  
21          randum, in carrying out the program under  
22          paragraph (1), the Administrator may—

23                           (i) perform new construction during a  
24                           fiscal year that differs from the fiscal year  
25                           of corresponding facility demolition;

1 (ii) perform demolition of different fa-  
2 cility category codes and have that demoli-  
3 tion credit count towards the construction  
4 of new facilities with a different facility  
5 category code; and

6 (iii) have the net reduction in infra-  
7 structure footprint for the five fiscal years  
8 prior to the date of the enactment of this  
9 Act, and the demolition during the five fis-  
10 cal years following such date of enactment,  
11 considered as a factor for the purpose of  
12 meeting the intent of such memorandum.

13 (3) INITIAL PLAN.—Not later than March 1,  
14 2018, the Administrator shall submit to the congres-  
15 sional defense committees an initial plan to carry  
16 out the program under paragraph (1) to achieve the  
17 goal specified in such paragraph. Such plan shall in-  
18 clude—

19 (A) the funding required to carry out the  
20 program during the period covered by the fu-  
21 ture-years nuclear security program under sec-  
22 tion 3253 of the National Nuclear Security Ad-  
23 ministration Act (50 U.S.C. 2453);

1 (B) the criteria for selecting and  
2 prioritizing projects within the program under  
3 paragraph (1);

4 (C) mechanisms for ensuring the robust  
5 management and oversight of such projects;

6 (D) a description of the process provided  
7 to the Administrator to carry out the program  
8 pursuant to paragraph (2)(A); and

9 (E) a description of any legislative actions  
10 the Administrator recommends to further en-  
11 hance or streamline authorities or processes re-  
12 lating to the program.

13 (4) REASSESSMENT.—Not later than February  
14 1, 2024, the Administrator shall reassess the pro-  
15 gram under paragraph (1) and, as appropriate, de-  
16 velop and establish goals for the program beyond  
17 2025.

18 (c) INCLUSION IN BIENNIAL DETAILED REPORT.—  
19 Section 4203(d)(4) of the Atomic Energy Defense Act (50  
20 U.S.C. 2523(d)(4)) is amended—

21 (1) in subparagraph (B), by striking “; and”  
22 and inserting a semicolon;

23 (2) in subparagraph (C), by striking the period  
24 at the end and inserting “; and”; and

1           (3) by adding at the end the following new sub-  
2 paragraph:

3           “(D)(i) a description of—

4                   “(I) the metrics (based on industry  
5 best practices) used by the Administrator  
6 to determine the infrastructure deferred  
7 maintenance and repair needs of the nu-  
8 clear security enterprise; and

9                   “(II) the percentage of replacement  
10 plant value being spent on maintenance  
11 and repair needs of the nuclear security  
12 enterprise; and

13           “(ii) an explanation of whether the annual  
14 spending on such needs complies with the rec-  
15 ommendation of the National Research Council  
16 of the National Academies of Sciences, Engi-  
17 neering, and Medicine that such spending be in  
18 an amount equal to four percent of the replace-  
19 ment plant value, and, if not, the reasons for  
20 such noncompliance and a plan for how the Ad-  
21 ministrator will ensure facilities of the nuclear  
22 security enterprise are being properly sus-  
23 tained.”.

24           (d) REQUIREMENTS RELATING TO CRITICAL DECI-  
25 SIONS.—



1           (1) IN GENERAL.—Subtitle A of title XLVII of  
2           the Atomic Energy Defense Act (50 U.S.C. 2741 et  
3           seq.) is amended by adding at the end the following  
4           new section:

5   **“SEC. 4715. MATTERS RELATING TO CRITICAL DECISIONS.**

6           “(a) POST-CRITICAL DECISION 2 CHANGES.—After  
7           the date on which a plant project specifically authorized  
8           by law and carried out under Department of Energy Order  
9           413.3B (relating to program management and project  
10          management for the acquisition of capital assets), or a  
11          successor order, achieves critical decision 2, the Adminis-  
12          trator may not change the requirements for such project  
13          if such change increases the cost of such project by more  
14          than the lesser of \$5,000,000 or 15 percent, unless—

15                 “(1) the Administrator submits to the congress-  
16                 sional defense committees—

17                         “(A) a certification that the Administrator,  
18                         without delegation, authorizes such proposed  
19                         change; and

20                         “(B) a cost-benefit and risk analysis of  
21                         such proposed change, including with respect  
22                         to—

23                                 “(i) the effects of such proposed  
24                                 change on the project cost and schedule;  
25                                 and

1                   “(ii) any mission risks and operational  
2                   risks from making such change or not  
3                   making such change; and

4                   “(2) a period of 15 days elapses following the  
5                   date of such submission.

6                   “(b) REVIEW AND APPROVAL.—The Administrator  
7                   shall ensure that critical decision packages are timely re-  
8                   viewed and either approved or disapproved.”.

9                   (2) CLERICAL AMENDMENT.—The table of con-  
10                  tents at the beginning of such Act is amended by in-  
11                  serting after the item relating to section 4714 the  
12                  following new item:

                  “Sec. 4715. Matters relating to critical decisions.”.

13                  (e) SENSE OF CONGRESS.—It is the sense of Con-  
14                  gress that—

15                  (1) the nuclear security enterprise, comprised of  
16                  the infrastructure and capabilities of the laboratories  
17                  and plants coupled with the dedicated and talented  
18                  scientists, engineers, technicians, and administrators  
19                  who form the backbone of the enterprise, are a cen-  
20                  tral component of the nuclear deterrent of the  
21                  United States;

22                  (2) if left unaddressed, the state of the infra-  
23                  structure within the nuclear security enterprise rep-  
24                  resents a direct, long-term threat to the credibility  
25                  of the nuclear deterrent of the United States;

1           (3) both Congress and the President must take  
2           strong, sustained action to recapitalize and repair  
3           this infrastructure;

4           (4) the Administrator must continue to carry  
5           out expeditious demolition of old facilities of the Ad-  
6           ministration to reduce long-term costs and improve  
7           safety; and

8           (5) each budget of the President submitted to  
9           Congress under section 1105(a) of title 31, United  
10          States Code, for fiscal year 2019 and each fiscal  
11          year thereafter should include funding in an amount  
12          sufficient to carry out the program established pur-  
13          suant to subsection (b)(1) to achieve the goal speci-  
14          fied in such subsection.

15 **SEC. 3112. INCORPORATION OF INTEGRATED SURETY AR-**  
16 **CHITECTURE IN TRANSPORTATION.**

17          (a) INCORPORATION.—Subtitle A of title XLII of the  
18          Atomic Energy Defense Act (50 U.S.C. 2521 et seq.) is  
19          amended by adding at the end the following new section:

20 **“SEC. 4222. INCORPORATION OF INTEGRATED SURETY AR-**  
21 **CHITECTURE.**

22          “(a) SHIPMENTS.—(1) The Administrator shall en-  
23          sure that shipments described in paragraph (2) incor-  
24          porate surety technologies relating to transportation and

1 shipping developed by the Integrated Surety Architecture  
2 program of the Administration.

3 “(2) A shipment described in this paragraph is an  
4 over-the-road shipment of the Administration that involves  
5 any nuclear weapon planned to be in the active stockpile  
6 after 2025.

7 “(b) CERTAIN PROGRAMS.—(1) The Administrator,  
8 in coordination with the Chairman of the Nuclear Weap-  
9 ons Council, shall ensure that each program described in  
10 paragraph (2) incorporates integrated designs compatible  
11 with the Integrated Surety Architecture program.

12 “(2) A program described in this subsection is a pro-  
13 gram of the Administration that is a warhead development  
14 program, a life extension program, or a warhead major  
15 alteration program.

16 “(c) DETERMINATION.—(1) If, on a case-by-case  
17 basis, the Administrator determines that a shipment  
18 under subsection (a) will not incorporate some or all of  
19 the surety technologies described in such subsection, or  
20 that a program under subsection (b) will not incorporate  
21 some or all of the integrated designs described in such  
22 subsection, the Administrator shall submit such deter-  
23 mination to the congressional defense committees, includ-  
24 ing the results of an analysis conducted pursuant to para-  
25 graph (2).

1       “(2) Each determination made under paragraph (1)  
2 shall be based on a documented, system risk analysis that  
3 considers security risk reduction, operational impacts, and  
4 technical risk.

5       “(d) TERMINATION.—The requirements of sub-  
6 sections (a) and (b) shall terminate on December 31,  
7 2029.”.

8       (b) CLERICAL AMENDMENT.—The table of contents  
9 for the Atomic Energy Defense Act is amended by insert-  
10 ing after the item relating to section 4221 the following  
11 new item:

“Sec. 4222. Incorporation of integrated surety architecture.”.

12 **SEC. 3113. COST ESTIMATES FOR LIFE EXTENSION PRO-**  
13 **GRAM AND MAJOR ALTERATION PROJECTS.**

14       Section 4217(b) of the Atomic Energy Defense Act  
15 (50 U.S.C. 2537(b)) is amended to read as follows:

16       “(b) INDEPENDENT COST ESTIMATES AND RE-  
17 VIEWS.—(1) The Secretary, acting through the Adminis-  
18 trator, shall submit to the congressional defense commit-  
19 tees and the Nuclear Weapons Council the following:

20               “(A) An independent cost estimate of the fol-  
21 lowing:

22                       “(i) Each nuclear weapon system under-  
23 going life extension at the completion of phase  
24 6.2A, relating to design definition and cost  
25 study.

1           “(ii) Each nuclear weapon system under-  
2 going life extension at the completion of phase  
3 6.3, relating to development engineering.

4           “(iii) Each nuclear weapon system under-  
5 going life extension at the completion of phase  
6 6.4, relating to production engineering, and be-  
7 fore the initiation of phase 6.5, relating to first  
8 production.

9           “(iv) Each new nuclear facility within the  
10 nuclear security enterprise that is estimated to  
11 cost more than \$500,000,000 before such facil-  
12 ity achieves critical decision 1 and before such  
13 facility achieves critical decision 2 in the acqui-  
14 sition process.

15           “(v) Each nuclear weapons system under-  
16 going a major alteration project (as defined in  
17 section 4713(a)(2)).

18           “(B) An independent cost review of each nu-  
19 clear weapon system undergoing life extension at the  
20 completion of phase 6.2, relating to study of feasi-  
21 bility and down-select.

22           “(2) Each independent cost estimate and independent  
23 cost review under paragraph (1) shall include—

24           “(A) whether the cost baseline or the budget es-  
25 timate for the period covered by the future-years nu-

1 clear security program has changed, and the ration-  
2 ale for any such change; and

3 “(B) any views of the Secretary or the Adminis-  
4 trator regarding such estimate or review.

5 “(3) The Administrator shall review and consider the  
6 results of any independent cost estimate or independent  
7 cost review of a nuclear weapon system or a nuclear facil-  
8 ity, as the case may be, under this subsection before enter-  
9 ing the next phase of the development process of such sys-  
10 tem or the acquisition process of such facility.

11 “(4) Except as otherwise specified in paragraph (1),  
12 each independent cost estimate or independent cost review  
13 of a nuclear weapon system or a nuclear facility under  
14 this subsection shall be submitted not later than 30 days  
15 after the date on which—

16 “(A) in the case of a nuclear weapons system,  
17 such system completes a phase specified in such  
18 paragraph; or

19 “(B) in the case of a nuclear facility, such facil-  
20 ity achieves critical decision 1 as specified in sub-  
21 paragraph (A)(iv) of such paragraph.

22 “(5) Each independent cost estimate or independent  
23 cost review submitted under this subsection shall be sub-  
24 mitted in unclassified form, but may include a classified  
25 annex if necessary.”.

1 **SEC. 3114. IMPROVED INFORMATION RELATING TO CER-**  
2 **TAIN DEFENSE NUCLEAR NONPROLIFERA-**  
3 **TION PROGRAMS.**

4 (a) IMPROVED INFORMATION.—Title XLIII of the  
5 Atomic Energy Defense Act (50 U.S.C. 2563 et seq.) is  
6 amended by adding at the end the following new section:

7 **“SEC. 4310. INFORMATION RELATING TO CERTAIN DE-**  
8 **FENSE NUCLEAR NONPROLIFERATION PRO-**  
9 **GRAMS.**

10 “(a) TECHNOLOGIES AND CAPABILITIES.—The Ad-  
11 ministrator shall document, for efforts that are not fo-  
12 cused on basic research, the technologies and capabilities  
13 of the defense nuclear nonproliferation research and devel-  
14 opment program that—

15 “(1) are transitioned to end users for further  
16 development or deployment; and

17 “(2) are deployed.

18 “(b) ASSESSMENTS OF STATUS.—(1) In assessing  
19 projects under the defense nuclear nonproliferation re-  
20 search and development program or the defense nuclear  
21 nonproliferation and arms control program, the Adminis-  
22 trator shall compare the status of each such project, in-  
23 cluding with respect to the final results of such project,  
24 to the baseline targets and goals established in the initial  
25 project plan of such project.



1 “(2) The Administrator may carry out paragraph (1)  
2 using a common template or such other means as the Ad-  
3 ministrator determines appropriate.”.

4 (b) INCLUSION IN PLAN.—Section 4309(b) of such  
5 Act (50 U.S.C. 2575(b)) is amended—

6 (1) by redesignating paragraph (16) as para-  
7 graph (18); and

8 (2) by inserting after paragraph (15) the fol-  
9 lowing new paragraphs:

10 “(16) A summary of the technologies and capa-  
11 bilities documented under section 4310(a).

12 “(17) A summary of the assessments conducted  
13 under section 4310(b)(1).”.

14 (c) CLERICAL AMENDMENT.—The table of contents  
15 for the Atomic Energy Defense Act is amended by insert-  
16 ing after the item relating to section 4309 the following  
17 new item:

“Sec. 4310. Information relating to certain defense nuclear nonproliferation  
programs.”.

18 **SEC. 3115. RESEARCH AND DEVELOPMENT OF ADVANCED**  
19 **NAVAL REACTOR FUEL BASED ON LOW-EN-**  
20 **RICHERD URANIUM.**

21 (a) PROHIBITION ON AVAILABILITY OF FUNDS FOR  
22 FISCAL YEAR 2018.—

23 (1) RESEARCH AND DEVELOPMENT.—Except as  
24 provided by paragraph (2), none of the funds au-

1       thorized to be appropriated by this Act or otherwise  
2       made available for fiscal year 2018 for the Depart-  
3       ment of Energy or the Department of Defense may  
4       be obligated or expended to plan or carry out re-  
5       search and development of an advanced naval nu-  
6       clear fuel system based on low-enriched uranium.

7               (2) EXCEPTION.—Of the funds authorized to be  
8       appropriated by this Act or otherwise made available  
9       for fiscal year 2018 for defense nuclear nonprolifera-  
10      tion, as specified in the funding table in division  
11      D—

12               (A) \$5,000,000 shall be made available to  
13      the Deputy Administrator for Naval Reactors of  
14      the National Nuclear Security Administration  
15      for low-enriched uranium activities (including  
16      downblending of high-enriched uranium fuel  
17      into low-enriched uranium fuel, research and  
18      development using low-enriched uranium fuel,  
19      or the modification or procurement of equip-  
20      ment and infrastructure related to such activi-  
21      ties) to develop an advanced naval nuclear fuel  
22      system based on low-enriched uranium; and

23               (B) if the Secretary of Energy and the  
24      Secretary of the Navy determine under section  
25      3118(c)(1) of the National Defense Authoriza-

1           tion Act for Fiscal Year 2016 (Public Law  
2           114–92; 129 Stat. 1196) that such low-enriched  
3           uranium activities and research and develop-  
4           ment should continue, an additional  
5           \$30,000,000 may be made available to the Dep-  
6           uty Administrator for such purpose.

7           (b) PROHIBITION ON AVAILABILITY OF FUNDS RE-  
8           GARDING CERTAIN ACCOUNTS AND PURPOSES.—

9           (1) RESEARCH AND DEVELOPMENT AND PRO-  
10          CUREMENT.—Chapter 633 of title 10, United States  
11          Code, is amended by adding at the end the following  
12          new section:

13        **“§ 7319. Requirements for availability of funds relat-**  
14                       **ing to advanced naval nuclear fuel sys-**  
15                       **tems based on low-enriched uranium**

16        “(a) AUTHORIZATION.—Low-enriched uranium ac-  
17        tivities may only be carried out using funds authorized to  
18        be appropriated or otherwise made available for the De-  
19        partment of Energy for atomic energy defense activities  
20        for defense nuclear nonproliferation.

21        “(b) PROHIBITION REGARDING CERTAIN AC-  
22        COUNTS.—(1) None of the funds described in paragraph  
23        (2) may be obligated or expended to carry out low-enriched  
24        uranium activities.

1           “(2) The funds described in this paragraph are funds  
2 authorized to be appropriated or otherwise made available  
3 for any fiscal year for any of the following accounts:

4                   “(A) Shipbuilding and conversion, Navy, or any  
5 other account of the Department of Defense.

6                   “(B) Any account within the atomic energy de-  
7 fense activities of the Department of Energy other  
8 than defense nuclear nonproliferation, as specified in  
9 subsection (a).

10           “(3) The prohibition in paragraph (1) may not be su-  
11 perseded except by a provision of law that specifically su-  
12 persedes, repeals, or modifies this section. A provision of  
13 law, including a table incorporated into an Act, that ap-  
14 propriates funds described in paragraph (2) for low-en-  
15 riched uranium activities may not be treated as specifically  
16 superseding this section unless such provision specifically  
17 cites to this section.

18           “(c) LOW-ENRICHED URANIUM ACTIVITIES DE-  
19 FINED.—In this section, the term ‘low-enriched uranium  
20 activities’ means the following:

21                   “(1) Planning or carrying out research and de-  
22 velopment of an advanced naval nuclear fuel system  
23 based on low-enriched uranium.

24                   “(2) Procuring ships that use low-enriched ura-  
25 nium in naval nuclear propulsion reactors.”.

1           (2) CLERICAL AMENDMENT.—The table of sec-  
2           tions at the beginning of such chapter is amended  
3           by adding at the end the following new item:

“7319. Requirements for availability of funds relating to advanced naval nuclear  
fuel systems based on low-enriched uranium.”.

4           (c) REPORTS.—

5           (1) SSN(X) SUBMARINE.—Not later than 180  
6           days after the date of the enactment of this Act, the  
7           Secretary of the Navy and the Deputy Administrator  
8           for Naval Reactors shall jointly submit to the Com-  
9           mittees on Armed Services of the House of Rep-  
10          resentatives and the Senate a report on the cost and  
11          timeline required to assess the feasibility, costs, and  
12          requirements for a design of the Virginia-class re-  
13          placement nuclear attack submarine that would  
14          allow for the use of a low-enriched uranium fueled  
15          reactor, if technically feasible, without changing the  
16          diameter of the submarine.

17          (2) RESEARCH AND DEVELOPMENT.—Not later  
18          than 60 days after the date of the enactment of this  
19          Act, the Deputy Administrator for Naval Reactors  
20          shall submit to the Committees on Armed Services  
21          of the House of Representatives and the Senate a  
22          report on—

23                  (A) the planned research and development  
24                  activities on low-enriched uranium and highly

1 enriched uranium fuel that could apply to the  
2 development of a low-enriched uranium fuel or  
3 an advanced highly enriched uranium fuel; and

4 (B) with respect to such activities for each  
5 such fuel—

6 (i) the costs associated with such ac-  
7 tivities; and

8 (ii) a detailed proposal for funding  
9 such activities.

10 **SEC. 3116. NATIONAL NUCLEAR SECURITY ADMINISTRA-**  
11 **TION PAY AND PERFORMANCE SYSTEM.**

12 (a) PAY ADJUSTMENT DEMONSTRATION PROJECT.—

13 (1) EXTENSION.—The Administrator for Nu-  
14 clear Security shall carry out the pay banding and  
15 performance-based pay adjustment demonstration  
16 project of the National Nuclear Security Administra-  
17 tion authorized under section 4703 of title 5, United  
18 States Code, until the date that is 10 years after the  
19 date of the enactment of this Act.

20 (2) MODIFICATIONS.—In carrying out the dem-  
21 onstration project described in paragraph (1), the  
22 Administrator—

23 (A) may, subject to subparagraph (B), re-  
24 vise the requirements and limitations of the

1 demonstration project to the extent necessary;  
2 and

3 (B) shall—

4 (i) ensure that the demonstration  
5 project is carried out in a manner con-  
6 sistent with the plan for the demonstration  
7 project published in the Federal Register  
8 on December 21, 2007 (72 Fed. Reg.  
9 72776);

10 (ii) ensure that significant changes in  
11 the demonstration project not take effect  
12 until revisions, as necessary and applicable,  
13 to the plan for the demonstration project  
14 are approved by the Office of Personnel  
15 Management and published in the Federal  
16 Register;

17 (iii) ensure that procedural modifica-  
18 tions or clarifications to the plan for the  
19 demonstration project be made through  
20 local notification processes;

21 (iv) authorize, and establish incentives  
22 for, employees of the National Nuclear Se-  
23 curity Administration to have rotational  
24 assignments among different programs of  
25 the Administration, the headquarters and

1 field offices of the Administration, and the  
2 management and operating contractors of  
3 the Administration; and

4 (v) establish requirements for employ-  
5 ees of the Administration who are in the  
6 demonstration project described in para-  
7 graph (1) to be promoted to senior-level  
8 positions in the Administration, including  
9 requirements with respect to—

10 (I) professional training and con-  
11 tinuing education; and

12 (II) a certain number and types  
13 of rotational assignments under clause  
14 (iv), as determined by the Adminis-  
15 trator.

16 (3) APPLICATION TO NAVAL NUCLEAR PROPUL-  
17 SION PROGRAM.—The Director of the Naval Nuclear  
18 Propulsion Program established pursuant to section  
19 4101 of the Atomic Energy Defense Act (50 U.S.C.  
20 2511) and section 3216 of the National Nuclear Se-  
21 curity Administration Act (50 U.S.C. 2406) may,  
22 with the concurrence of the Secretary of the Navy,  
23 apply the demonstration project described in para-  
24 graph (1) to—



1 (A) all employees of the Naval Nuclear  
2 Propulsion Program in the competitive service  
3 (as defined in section 2102 of title 5, United  
4 States Code); and

5 (B) all employees of the Department of  
6 Navy who are assigned to the Naval Nuclear  
7 Propulsion Program and are in the excepted  
8 service (as defined in section 2103 of title 5,  
9 United States Code) (other than such employ-  
10 ees in statutory excepted service systems).

11 (b) ROTATIONS FOR CERTAIN CONTRACTORS.—

12 (1) INCREASED USE.—The Administrator for  
13 Nuclear Security shall increase the use of rotational  
14 assignments of employees of the management and  
15 operating contractors of the National Nuclear Secu-  
16 rity Administration to the headquarters of the Ad-  
17 ministration, the Department of Defense and the  
18 military departments, the intelligence community,  
19 and other departments and agencies of the Federal  
20 Government.

21 (2) METHODS.—The Administrator shall carry  
22 out paragraph (1) by—

23 (A) establishing incentives for—

24 (i) the management and operating  
25 contractors of the Administration and the

1 employees of such contractors to partici-  
2 pate in rotational assignments; and

3 (ii) the departments and agencies of  
4 the Federal Government specified in such  
5 paragraph to facilitate such assignments;

6 (B) providing professional and leadership  
7 development opportunities during such assign-  
8 ments;

9 (C) using details and other applicable au-  
10 thorities and programs, including the mobility  
11 program under subchapter VI of chapter 33 of  
12 title 5, United States Code (commonly referred  
13 to as the “Intergovernmental Personnel Act  
14 Mobility Program”); and

15 (D) taking such other actions as the Ad-  
16 ministrator determines appropriate to increase  
17 the use of such rotational assignments.

18 (c) RED-TEAM ANALYSIS.—

19 (1) ANALYSIS.—The Director for Cost Esti-  
20 mating and Program Evaluation of the National Nu-  
21 clear Security Administration shall carry out a red-  
22 team analysis of the Federal employee staffing  
23 structure of the Administration with respect to the  
24 Administrator for Nuclear Security meeting the au-  
25 thorized personnel levels under section 3241A of the

1 National Nuclear Security Administration Act (50  
2 U.S.C. 2441a).

3 (2) MATTERS INCLUDED.—The analysis under  
4 paragraph (1) shall include assessments of—

5 (A) the number of Federal employees with-  
6 in each program of the Administration, and  
7 whether such numbers are appropriately bal-  
8 anced with respect to the size, scope, functions,  
9 budgets, and risks, of the program; and

10 (B) the number of Senior Executive Serv-  
11 ice positions (as defined in section 3132(a) of  
12 title 5, United States Code) within the Adminis-  
13 tration, including a comparison of such number  
14 to other comparable departments and agencies  
15 of the Federal Government, and whether such  
16 number is appropriate.

17 (d) BRIEFINGS.—

18 (1) IN GENERAL.—Not later than 180 days  
19 after the date of the enactment of this Act—

20 (A) the Administrator shall provide a brief-  
21 ing to the appropriate congressional committees  
22 on the implementation of—

23 (i) section 3248 of the National Nu-  
24 clear Security Administration Act, as  
25 added by subsection (a); and

1 (ii) subsection (b); and

2 (B) the Director for Cost Estimating and  
3 Program Evaluation shall provide to such com-  
4 mittees a briefing on the analysis under sub-  
5 section (c).

6 (2) APPROPRIATE CONGRESSIONAL COMMIT-  
7 TEES DEFINED.—In this subsection, the term “ap-  
8 propriate congressional committees” means—

9 (A) the congressional defense committees;

10 (B) the Committee on Energy and Com-  
11 merce of the House of Representatives and the  
12 Committee on Energy and Natural Resources of  
13 the Senate; and

14 (C) the Committee on Oversight and Gov-  
15 ernment Reform of the House of Representa-  
16 tives and the Committee on Homeland Security  
17 and Governmental Affairs of the Senate.

18 **SEC. 3117. BUDGET REQUESTS AND CERTIFICATION RE-**  
19 **GARDING NUCLEAR WEAPONS DISMANTLE-**  
20 **MENT.**

21 Section 3125 of the National Defense Authorization  
22 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
23 2766) is amended—

24 (1) by redesignating subsection (d) as sub-  
25 section (f); and

1           (2) by inserting after subsection (c) the fol-  
2           lowing new subsections:

3           “(d) BUDGET REQUESTS.—The Administrator for  
4 Nuclear Security shall ensure that the budget of the Presi-  
5 dent submitted to Congress under section 1105(a) of title  
6 31, United States Code, for each of fiscal years 2019  
7 through 2021 includes amounts for the nuclear weapons  
8 dismantlement and disposition activities of the National  
9 Nuclear Security Administration in accordance with the  
10 limitation in subsection (a).

11          “(e) CERTIFICATION.—Not later than February 1,  
12 2018, the Administrator shall certify to the congressional  
13 defense committees that the Administrator is carrying out  
14 the nuclear weapons dismantlement and disposition activi-  
15 ties of the Administration in accordance with the limita-  
16 tions in subsections (a) and (b).”.

17 **SEC. 3118. NUCLEAR WARHEAD DESIGN COMPETITION.**

18          (a) FINDINGS.—Congress finds the following:

19           (1) In January 2016, the co-chairs of a con-  
20 gressionally mandated study panel from the National  
21 Academies of Science testified to the following before  
22 the Committee on Armed Services of the House of  
23 Representatives:

24           (A) “The National Nuclear Security Ad-  
25 ministration (NNSA) complex must engage in

1           robust design competitions in order to exercise  
2           the design and production skills that underpin  
3           stockpile stewardship and are necessary to meet  
4           evolving threats.”.

5           (B) “To exercise the full set of design  
6           skills necessary for an effective nuclear deter-  
7           rent, the NNSA should develop and conduct the  
8           first in what the committee envisions to be a se-  
9           ries of design competitions that integrate the  
10          full end-to-end process from novel design con-  
11          ception through engineering, building, and non-  
12          nuclear testing of a prototype.”.

13          (2) In March 2016 testimony before the Com-  
14          mittee on Armed Services of the House of Rep-  
15          resentatives regarding a December 2016 Defense  
16          Science Board report entitled, “Seven Defense Pri-  
17          orities for the New Administration”, members of  
18          that Board said the following:

19                (A) “A key contributor to nuclear deter-  
20                rence is the continuous, adaptable exercise of  
21                the development, design, and production func-  
22                tions for nuclear weapons in both the DOD and  
23                DOE.... Yet the DOE laboratories and DOD  
24                contractor community have done little inte-  
25                grated design and development work outside of

1 life extension for 25 years, let alone concept de-  
2 velopment that could serve as a hedge to sur-  
3 prise.”.

4 (B) “The Defense Science Board believes  
5 that the triad’s complementary features remain  
6 robust tenets for the design of a future force.  
7 Replacing our current, aging force is essential,  
8 but not sufficient in the more complex nuclear  
9 environment we now face to provide the adapt-  
10 ability or flexibility to confidently hold at risk  
11 what adversaries value. In particular, if the  
12 threat evolves in ways that favorably change the  
13 cost/benefit calculus in the view of an adver-  
14 sary’s leadership, then we should be in a posi-  
15 tion to quickly restore a credible deterrence pos-  
16 ture.”.

17 (3) In a memorandum dated May 9, 2014,  
18 then-Secretary of Energy Ernie Moniz said the fol-  
19 lowing:

20 (A) “If nuclear military capabilities are to  
21 provide deterrence for the nation they need to  
22 be relevant to the emerging global strategic en-  
23 vironment. The current stockpile was designed  
24 to meet the needs of a bipolar world with roots  
25 in the Cold War era. A more complex, chaotic,

1 and dynamic security environment is emerging.  
2 In order to uphold the Department's mission to  
3 ensure an effective nuclear deterrent... we must  
4 ensure our nuclear capabilities meet the chal-  
5 lenges of known and potential geopolitical and  
6 technological trends. Therefore we must look  
7 ahead, using the expertise of our laboratories,  
8 to how the capabilities that may be employed by  
9 other nations could impact deterrence over the  
10 next several decades.”.

11 (B) “We must challenge our thinking  
12 about our programs of record in order to permit  
13 foresighted actions that may reduce, in the  
14 coming decades, the chances for surprise and  
15 that buttress deterrence.”.

16 (b) DESIGN COMPETITION.—

17 (1) IN GENERAL.—In accordance with para-  
18 graph (2), the Administrator for Nuclear Security,  
19 in coordination with the Chairman of the Nuclear  
20 Weapons Council, shall carry out a new and com-  
21 prehensive design competition for a nuclear warhead  
22 that could be employed on ballistic missiles of the  
23 United States by 2030. Such competition shall—



- 1 (A) examine options for warhead design  
2 and related delivery system requirements in the  
3 2030s, including—
- 4 (i) life extension of existing weapons;
  - 5 (ii) new capabilities; and
  - 6 (iii) such other concepts as the Ad-  
7 ministrator and the Chairman determine  
8 necessary to fully exercise and create re-  
9 sponsive design capabilities in the enter-  
10 prise and ensure a robust nuclear deterrent  
11 into the 2030s;
- 12 (B) assess how the capabilities and de-  
13 fenses that may be employed by other countries  
14 could impact deterrence in 2030 and beyond  
15 and how such threats could be addressed or  
16 mitigated in the warhead and related delivery  
17 systems;
- 18 (C) exercise the full set of design skills  
19 necessary for an effective nuclear deterrent and  
20 responsive enterprise through production of  
21 conceptual designs and, as the Administrator  
22 determines appropriate, production of non-nu-  
23 clear prototypes of components or subsystems;  
24 and

1 (D) examine and recommend actions for  
2 significantly shortening timelines and signifi-  
3 cantly reducing costs associated with design, de-  
4 velopment, certification, and production of the  
5 warhead, without reducing worker or public  
6 health and safety.

7 (2) TIMING.—The Administrator shall—

8 (A) during fiscal year 2018, develop a plan  
9 to carry out paragraph (1); and

10 (B) during fiscal year 2019, implement  
11 such plan.

12 (c) BRIEFING.—Not later than March 1, 2018, the  
13 Administrator, in coordination with the Chairman, shall  
14 provide a briefing to the congressional defense committees  
15 on the plan of the Administrator to carry out the warhead  
16 design competition under subsection (b). Such briefing  
17 shall include an assessment of the costs, benefits, risks,  
18 and opportunities of such plan, particularly impacts to on-  
19 going life extension programs and infrastructure projects.

20 **SEC. 3119. MODIFICATION OF MINOR CONSTRUCTION**  
21 **THRESHOLD FOR PLANT PROJECTS.**

22 Section 4701(2) of the Atomic Energy Defense Act  
23 (50 U.S.C. 2741(2)) is amended by striking  
24 “\$10,000,000” and inserting “\$20,000,000”.

1 **SEC. 3120. EXTENSION OF AUTHORIZATION OF ADVISORY**  
2 **BOARD ON TOXIC SUBSTANCES AND WORKER**  
3 **HEALTH.**

4 Section 3687(i) of the Energy Employees Occupa-  
5 tional Illness Compensation Program Act of 2000 (42  
6 U.S.C. 7385s–16(i)) is amended by striking “5 years” and  
7 inserting “10 years”.

8 **SEC. 3121. USE OF FUNDS FOR CONSTRUCTION AND**  
9 **PROJECT SUPPORT ACTIVITIES RELATING TO**  
10 **MOX FACILITY.**

11 (a) IN GENERAL.—Except as provided by subsection  
12 (b), the Secretary of Energy shall carry out construction  
13 and project support activities relating to the MOX facility  
14 using funds authorized to be appropriated by this Act or  
15 otherwise made available for fiscal year 2018 for the Na-  
16 tional Nuclear Security Administration for the MOX facil-  
17 ity.

18 (b) WAIVER.—

19 (1) IN GENERAL.—The Secretary may waive  
20 the requirement under subsection (a) to carry out  
21 construction and project support activities relating  
22 to the MOX facility if the Secretary submits to the  
23 congressional defense committees—

24 (A) the commitment of the Secretary to re-  
25 move plutonium intended to be disposed of in  
26 the MOX facility from South Carolina and en-

1           sure a sustainable future for the Savannah  
2           River Site;

3           (B) a certification that—

4                   (i) an alternative option for carrying  
5                   out the plutonium disposition program for  
6                   the same amount of plutonium as the  
7                   amount of plutonium intended to be dis-  
8                   posed of in the MOX facility exists, meet-  
9                   ing the requirements of the Business Oper-  
10                  ating Procedure of the National Nuclear  
11                  Security Administration entitled “Analysis  
12                  of Alternatives” and dated March 14, 2016  
13                  (BOP-03.07); and

14                   (ii) the remaining lifecycle cost, deter-  
15                   mined in a manner comparable to the cost  
16                   estimating and assessment best practices  
17                   of the Government Accountability Office,  
18                   as found in the document of the Govern-  
19                   ment Accountability Office entitled “GAO  
20                   Cost Estimating and Assessment Guide”  
21                   (GAO-09-3SP), for the alternative option  
22                   would be less than approximately half of  
23                   the estimated remaining lifecycle cost of  
24                   the mixed-oxide fuel program; and

1 (C) the details of any statutory or regu-  
2 latory changes necessary to complete the alter-  
3 native option.

4 (2) ESTIMATES.—The Secretary shall ensure  
5 that the estimates used by the Secretary for pur-  
6 poses of the certification under paragraph (1)(B) are  
7 of comparable accuracy.

8 (c) DEFINITIONS.—In this section:

9 (1) MOX FACILITY.—The term “MOX facility”  
10 means the mixed-oxide fuel fabrication facility at the  
11 Savannah River Site, Aiken, South Carolina.

12 (2) PROJECT SUPPORT ACTIVITIES.—The term  
13 “project support activities” means activities that  
14 support the design, long-lead equipment procure-  
15 ment, and site preparation of the MOX facility.

16 **SEC. 3122. PROHIBITION ON AVAILABILITY OF FUNDS FOR**  
17 **PROGRAMS IN RUSSIAN FEDERATION.**

18 (a) PROHIBITION.—None of the funds authorized to  
19 be appropriated by this Act or otherwise made available  
20 for fiscal year 2018 for atomic energy defense activities  
21 may be obligated or expended to enter into a contract  
22 with, or otherwise provide assistance to, the Russian Fed-  
23 eration.

1 (b) WAIVER.—The Secretary of Energy, without dele-  
2 gation, may waive the prohibition in subsection (a) only  
3 if—

4 (1) the Secretary determines, in writing, that a  
5 nuclear-related threat arising in the Russian Federa-  
6 tion must be addressed urgently and it is necessary  
7 to waive the prohibition to address that threat;

8 (2) the Secretary of State and the Secretary of  
9 Defense concur in the determination under para-  
10 graph (1);

11 (3) the Secretary of Energy submits to the ap-  
12 propriate congressional committees a report con-  
13 taining—

14 (A) a notification that the waiver is in the  
15 national security interest of the United States;

16 (B) justification for the waiver, including  
17 the determination under paragraph (1); and

18 (C) a description of the activities to be car-  
19 ried out pursuant to the waiver, including the  
20 expected cost and timeframe for such activities;  
21 and

22 (4) a period of seven days elapses following the  
23 date on which the Secretary submits the report  
24 under paragraph (3).

1 (c) EXCEPTION.—The prohibition under subsection  
2 (a) and the requirements under subsection (b) to waive  
3 that prohibition shall not apply to an amount, not to ex-  
4 ceed \$3,000,000, that the Secretary may make available  
5 for the Department of Energy Russian Health Studies  
6 Program.

7 (d) APPROPRIATE CONGRESSIONAL COMMITTEES  
8 DEFINED.—In this section, the term “appropriate con-  
9 gressional committees” means the following:

10 (1) The congressional defense committees.

11 (2) The Committee on Foreign Relations of the  
12 Senate and the Committee on Foreign Affairs of the  
13 House of Representatives.

## 14 **Subtitle C—Plans and Reports**

### 15 **SEC. 3131. ANNUAL SELECTED ACQUISITION REPORTS ON** 16 **CERTAIN HARDWARE RELATING TO DEFENSE** 17 **NUCLEAR NONPROLIFERATION.**

18 (a) IN GENERAL.—Title XLIII of the Atomic Energy  
19 Defense Act (50 U.S.C. 2563 et seq.), as amended by sec-  
20 tion 3114, is further amended by adding at the end the  
21 following new section:

### 22 **“SEC. 4311. ANNUAL SELECTED ACQUISITION REPORTS ON** 23 **CERTAIN HARDWARE RELATING TO DEFENSE** 24 **NUCLEAR NONPROLIFERATION.**

25 “(a) ANNUAL SELECTED ACQUISITION REPORTS.—

1           “(1) IN GENERAL.—At the end of each fiscal  
2 year, the Administrator shall submit to the congress-  
3 sional defense committees a report on each covered  
4 hardware project. The reports shall be known as Se-  
5 lected Acquisition Reports for the covered hardware  
6 project concerned.

7           “(2) MATTERS INCLUDED.—The information  
8 contained in the Selected Acquisition Report for a  
9 fiscal year for a covered hardware project shall be  
10 the information contained in the Selected Acquisition  
11 Report for such fiscal year for a major defense ac-  
12 quisition program under section 2432 of title 10,  
13 United States Code, expressed in terms of the cov-  
14 ered hardware project.

15          “(b) COVERED HARDWARE PROJECT DEFINED.—In  
16 this section, the term ‘covered hardware project’ means  
17 a project carried out under the defense nuclear non-  
18 proliferation research and development program that—

19           “(1) is focused on the production and deploy-  
20 ment of hardware, including with respect to the de-  
21 velopment and deployment of satellites or satellite  
22 payloads; and

23           “(2) exceeds \$500,000,000 in total program  
24 cost over the course of five years.”.



1 (b) CLERICAL AMENDMENT.—The table of contents  
2 for the Atomic Energy Defense Act is amended by insert-  
3 ing after the item relating to section 4310, as added by  
4 section 3114, the following new item:

“Sec. 4311. Annual Selected Acquisition Reports on certain hardware relating  
to defense nuclear nonproliferation.”.

5 **SEC. 3132. ANNUAL REPORTS ON UNFUNDED PRIORITIES**  
6 **OF NATIONAL NUCLEAR SECURITY ADMINIS-**  
7 **TRATION.**

8 (a) IN GENERAL.—Subtitle A of title XLVII of the  
9 Atomic Energy Defense Act (50 U.S.C. 2741 et seq.), as  
10 amended by section 3111(d), is further amended by add-  
11 ing at the end the following new section:

12 **“SEC. 4716. UNFUNDED PRIORITIES OF THE NATIONAL NU-**  
13 **CLEAR SECURITY ADMINISTRATION.**

14 “(a) ANNUAL REPORT.—Not later than 10 days after  
15 the date on which the budget of the President for a fiscal  
16 year is submitted to Congress pursuant to section 1105(a)  
17 of title 31, United States Code, the Administrator shall  
18 submit to the Secretary of Energy and the congressional  
19 defense committees a report on the unfunded priorities of  
20 the Administration.

21 “(b) ELEMENTS.—

22 “(1) IN GENERAL.—Each report required by  
23 subsection (a) shall specify, for each unfunded pri-  
24 ority covered by the report, the following:

1           “(A) A summary description of that pri-  
2           riority, including the objectives to be achieved if  
3           that priority is funded (whether in whole or in  
4           part).

5           “(B) The additional amount of funds rec-  
6           ommended in connection with the objectives  
7           under subparagraph (A).

8           “(C) Account information with respect to  
9           that priority.

10          “(2) PRIORITIZATION OF PRIORITIES.—Each  
11          report required by subsection (a) shall present the  
12          unfunded priorities covered by the report in order of  
13          urgency of priority.

14          “(c) UNFUNDED PRIORITY DEFINED.—In this sec-  
15          tion, the term ‘unfunded priority’, in the case of a fiscal  
16          year, means a program, activity, or mission requirement  
17          that—

18                 “(1) is not funded in the budget of the Presi-  
19                 dent for that fiscal year as submitted to Congress  
20                 pursuant to section 1105(a) of title 31, United  
21                 States Code;

22                 “(2) is necessary to fulfill a requirement associ-  
23                 ated with the mission of the Administration; and

1           “(3) would have been recommended for funding  
2 through the budget referred to in paragraph (1) by  
3 the Administrator—

4           “(A) if additional resources were available  
5 for the budget to fund the program, activity, or  
6 mission requirement; or

7           “(B) in the case of a program, activity, or  
8 mission requirement that emerged after the  
9 budget was formulated, if the program, activity,  
10 or mission requirement had emerged before the  
11 budget was formulated.”.

12       (b) CLERICAL AMENDMENT.—The table of contents  
13 for the Atomic Energy Defense Act is amended by insert-  
14 ing after the item relating to section 4715, as added by  
15 section 3111(d), the following new item:

“Sec. 4716. Unfunded priorities of the National Nuclear Security Administra-  
tion.”.

16 **SEC. 3133. MODIFICATION OF CERTAIN REPORTING RE-**  
17 **QUIREMENTS.**

18       (a) STATUS OF NUCLEAR MATERIALS PROTECTION,  
19 CONTROL, AND ACCOUNTING PROGRAM.—

20       (1) REPEAL.—Section 4303 of the Atomic En-  
21 ergy Defense Act (50 U.S.C. 2563) is repealed.

22       (2) CLERICAL AMENDMENT.—The table of con-  
23 tents for the Atomic Energy Defense Act is amended  
24 by striking the item relating to section 4303.

1 (b) STATUS OF SECURITY OF ATOMIC ENERGY DE-  
2 FENSE FACILITIES.—Section 4506 of the Atomic Energy  
3 Defense Act (50 U.S.C. 2657) is amended by striking “of  
4 each year” each place it appears and inserting “of each  
5 even-numbered year”.

6 (c) SECURITY RISKS POSED TO NUCLEAR WEAPONS  
7 COMPLEX.—

8 (1) INCLUDED IN STOCKPILE STEWARDSHIP  
9 AND MANAGEMENT PLAN.—Section 4203 of the  
10 Atomic Energy Defense Act (50 U.S.C. 2523) is  
11 amended—

12 (A) in subsection (c)—

13 (i) by redesignating paragraphs (6)  
14 and (7) as paragraphs (7) and (8), respec-  
15 tively; and

16 (ii) by inserting after paragraph (5)  
17 the following new paragraph:

18 “(6) A summary of the plan regarding the re-  
19 search and development, deployment, and lifecycle  
20 sustainment of technologies described in subsection  
21 (d)(7).”; and

22 (B) in subsection (d)—

23 (i) by redesignating paragraph (7) as  
24 paragraph (8); and

1 (ii) by inserting after paragraph (6)  
2 the following new paragraph (7):

3 “(7) A plan for the research and development,  
4 deployment, and lifecycle sustainment of the tech-  
5 nologies employed within the nuclear security enter-  
6 prise to address physical and cyber security threats  
7 during the five fiscal years following the date of the  
8 report, together with—

9 “(A) for each site in the nuclear security  
10 enterprise, a description of the technologies de-  
11 ployed to address the physical and cybersecurity  
12 threats posed to that site;

13 “(B) for each site and for the nuclear se-  
14 curity enterprise, the methods used by the Ad-  
15 ministration to establish priorities among in-  
16 vestments in physical and cybersecurity tech-  
17 nologies; and

18 “(C) a detailed description of how the  
19 funds identified for each program element spec-  
20 ified pursuant to paragraph (1) in the budget  
21 for the Administration for each fiscal year dur-  
22 ing that five-fiscal-year period will help carry  
23 out that plan.”.

24 (2) CONFORMING AMENDMENT.—Section  
25 3253(b) of the National Nuclear Security Adminis-

1           tration Act (50 U.S.C. 2453) is amended by striking  
2           paragraph (5).

3           (d) MODIFICATION OF SUBMISSION OF SELECTED  
4 ACQUISITION REPORTS.—Section 4217(a) of the Atomic  
5 Energy Defense Act (50 U.S.C. 2537(a)) is amended—

6           (1) in paragraph (1)—

7                 (A) by striking “each fiscal-year quarter”  
8                 and inserting “the first quarter of each fiscal  
9                 year”;

10                (B) by striking “or a major” and inserting  
11                “and each major”; and

12                (C) by inserting “during the preceding fis-  
13                cal year” after “4713(a)(2)”; and

14           (2) in paragraph (2)—

15                 (A) by striking “a fiscal-year quarter” and  
16                 inserting “a fiscal year”; and

17                 (B) by striking “such fiscal-year quarter”  
18                 and inserting “each fiscal-year quarter in that  
19                 fiscal year”.

20           (e) LONG-TERM PLAN FOR MEETING NATIONAL SE-  
21 CURITY REQUIREMENTS FOR UNENCUMBERED URA-  
22 NIUM.—Section 4221(a) of the Atomic Energy Defense  
23 Act (50 U.S.C. 2538c(a)) is amended by striking “Concur-  
24 rent with” and all that follows through “2026” and insert-

1 ing “Not later than December 31 of each even-numbered  
2 year through 2026”.

3 (f) DEFENSE NUCLEAR NONPROLIFERATION MAN-  
4 AGEMENT PLAN.—

5 (1) MODIFICATION OF SUBMISSION.—Section  
6 4309 of the Atomic Energy Defense Act (50 U.S.C.  
7 2575) is amended—

8 (A) by striking subsection (c);

9 (B) by redesignating subsection (b) as sub-  
10 section (c); and

11 (C) by striking subsection (a) and insert-  
12 ing the following new subsections:

13 “(a) PLAN REQUIRED.—The Administrator shall de-  
14 velop and annually update a five-year management plan  
15 for activities associated with the defense nuclear non-  
16 proliferation programs of the Administration to prevent  
17 and counter the proliferation of materials, technology,  
18 equipment, and expertise related to nuclear and radio-  
19 logical weapons in order to minimize and address the risk  
20 of nuclear terrorism and the proliferation of such weapons.

21 “(b) SUBMISSION TO CONGRESS.—(1) Not later than  
22 March 15 of each even-numbered year, the Administrator  
23 shall submit to the congressional defense committees a  
24 summary of the plan developed under subsection (a).

1       “(2) Not later than March 15 of each odd-numbered  
2 year, the Administrator shall submit to the congressional  
3 defense committees a detailed report on the plan developed  
4 under subsection (a).

5       “(3) Each summary submitted under paragraph (1)  
6 and each report submitted under paragraph (2) shall be  
7 submitted in unclassified form, but may include a classi-  
8 fied annex if necessary.”.

9               (2) ELIMINATION OF IDENTIFICATION OF FU-  
10 TURE INTERNATIONAL CONTRIBUTIONS.—Subsection  
11 (c) of such section, as redesignated by paragraph  
12 (1)(B), is further amended—

13                       (A) by striking paragraph (14); and

14                       (B) by redesignating paragraphs (15) and  
15 (16) as paragraphs (14) and (15), respectively.

16               (3) CONFORMING AMENDMENTS.—Subsection  
17 (c) of such section, as redesignated by paragraph  
18 (1)(B) and amended by paragraph (2), is further  
19 amended—

20                       (A) in paragraph (2), by striking “the plan  
21 required by subsection (a)” and inserting “the  
22 summary required by paragraph (1) of sub-  
23 section (b) or the report required by paragraph  
24 (2) of that subsection, as the case may be”;



1 (B) in paragraph (6), by striking “the plan  
2 required by subsection (a)” and inserting “the  
3 summary required by paragraph (1) of sub-  
4 section (b) or the report required by paragraph  
5 (2) of that subsection, as the case may be”;

6 (C) in paragraph (7), by striking “the plan  
7 required by subsection (a)” and inserting “the  
8 summary required by paragraph (1) of sub-  
9 section (b) or the report required by paragraph  
10 (2) of that subsection, as the case may be,”;

11 (D) in paragraph (9), by striking “the plan  
12 required by subsection (a)” and inserting “the  
13 summary required by paragraph (1) of sub-  
14 section (b) or the report required by paragraph  
15 (2) of that subsection, as the case may be,”;

16 and

17 (E) in paragraph (10), by striking “the  
18 plan required by subsection (a)” and inserting  
19 “the summary required by paragraph (1) of  
20 subsection (b) or the report required by para-  
21 graph (2) of that subsection, as the case may  
22 be,”.

1 **SEC. 3134. MODIFICATION TO STOCKPILE STEWARDSHIP,**  
2 **MANAGEMENT, AND RESPONSIVENESS PLAN.**

3 Section 4203 of the Atomic Energy Defense Act (50  
4 U.S.C. 2523), as amended by section 3133(c), is further  
5 amended—

6 (1) in subsection (c)—

7 (A) by redesignating paragraphs (7) and  
8 (8) as paragraphs (8) and (9), respectively; and

9 (B) by inserting after paragraph (6) the  
10 following new paragraph (7):

11 “(7) A summary of the assessment under sub-  
12 section (d)(8) regarding the execution of programs  
13 with current and projected budgets and any associ-  
14 ated risks.”; and

15 (2) in subsection (d)—

16 (A) by redesignating paragraph (8) as  
17 paragraph (9); and

18 (B) by inserting after paragraph (7) the  
19 following new paragraph (8):

20 “(8) An assessment of whether the programs  
21 described by the report can be executed with current  
22 and projected budgets and any associated risks.”.

1 **SEC. 3135. ASSESSMENT AND DEVELOPMENT OF PROTO-**  
2 **TYPE NUCLEAR WEAPONS OF FOREIGN**  
3 **COUNTRIES.**

4 (a) STOCKPILE STEWARDSHIP, MANAGEMENT, AND  
5 RESPONSIVENESS PLAN.—Section 4203(d)(1) of the  
6 Atomic Energy Defense Act (50 U.S.C. 2523(d)(1)) is  
7 amended—

8 (1) in subparagraph (M), by striking “; and”  
9 and inserting a semicolon;

10 (2) in subparagraph (N), by striking the period  
11 at the end and inserting “; and”; and

12 (3) by adding at the end the following:

13 “(O) as required, when assessing and de-  
14 veloping prototype nuclear weapons of foreign  
15 countries, a report from the directors of the na-  
16 tional security laboratories on the need and  
17 plan for such assessment and development that  
18 includes separate comments on the plan from  
19 the Secretary of Energy and the Director of  
20 National Intelligence.”.

21 (b) STOCKPILE RESPONSIVENESS PROGRAM.—Sec-  
22 tion 4220(c) of the Atomic Energy Defense Act (50  
23 U.S.C. 2538b(c)) is amended by adding at the end the  
24 following:

25 “(6) The retention of the ability, in consultation  
26 with the Director of National Intelligence, to assess

1 and develop prototype nuclear weapons of foreign  
2 countries and, if necessary, to conduct no-yield test-  
3 ing of those prototypes.”.

4 (c) CONFORMING REPEAL.—

5 (1) IN GENERAL.—Section 4509 of the Atomic  
6 Energy Defense Act (50 U.S.C. 2660) is repealed.

7 (2) CLERICAL AMENDMENT.—The table of con-  
8 tents for the Atomic Energy Defense Act is amended  
9 by striking the items relating to sections 4508 and  
10 4509.

11 **SEC. 3136. PLAN FOR VERIFICATION, DETECTION, AND**  
12 **MONITORING OF NUCLEAR WEAPONS AND**  
13 **FISSILE MATERIAL.**

14 (a) FINDINGS AND SENSE OF CONGRESS.—

15 (1) FINDINGS.—Congress finds the following:

16 (A) A January 2014 Defense Science  
17 Board report found that “The nuclear future  
18 will not be a linear extrapolation of the past...  
19 [and] [t]he technologies and processes designed  
20 for current treaty verification and inspections  
21 are inadequate to future monitoring realities.”.

22 (B) Section 3133 of the Carl Levin and  
23 Howard P. “Buck” McKeon National Defense  
24 Authorization Act for Fiscal Year 2015 (Public  
25 Law 113–291; 127 Stat. 3896) required an

1 interagency plan for monitoring of nuclear  
2 weapons and fissile material, and section 3132  
3 of the National Defense Authorization Act for  
4 Fiscal Year 2017 (Public Law 114–328; 130  
5 Stat. 2768) required an update of such plan. In  
6 both instances, the reports submitted failed to  
7 answer the congressional requirements, and in-  
8 stead provided only a brief summary of the Na-  
9 tional Security Council structure and processes.

10 (2) SENSE OF CONGRESS.—It is the sense of  
11 Congress that verification, detection, and monitoring  
12 of nuclear weapons and fissile material should be a  
13 priority for national security, and that the reports  
14 submitted to date do not reflect this priority, or the  
15 current and planned initiatives related to nuclear  
16 verification and detection.

17 (b) PLAN.—The President, in consultation with the  
18 Secretary of State, the Secretary of Defense, the Secretary  
19 of Energy, the Secretary of Homeland Security, and the  
20 Director of National Intelligence, shall develop a plan for  
21 verification and monitoring relating to the potential pro-  
22 liferation of nuclear weapons, components of such weap-  
23 ons, and fissile material.

24 (c) ELEMENTS.—The plan developed under sub-  
25 section (b) shall include the following:

1 (1) A plan and road map for verification, detec-  
2 tion, and monitoring, with respect to policy, oper-  
3 ations, and research, development, testing, and eval-  
4 uation, including—

5 (A) identifying requirements for such  
6 verification, detection, and monitoring;

7 (B) costs and funding requirements over  
8 10 years for such verification, detection, and  
9 monitoring; and

10 (C) identifying and integrating roles, re-  
11 sponsibilities, and planning for such  
12 verification, detection, and monitoring.

13 (2) A detailed international engagement plan  
14 for building cooperation and transparency, including  
15 bilateral and multilateral efforts, to improve inspec-  
16 tions, detection, and monitoring.

17 (3) A detailed description of—

18 (A) current and planned research and de-  
19 velopment efforts to improve monitoring, detec-  
20 tion, and in-field inspection and analysis capa-  
21 bilities, including persistent surveillance, remote  
22 monitoring, and rapid analysis of large data  
23 sets, including open-source data; and

24 (B) measures to coordinate technical and  
25 operational requirements early in the process.

1           (4) Engagement of relevant departments and  
2 agencies of the Federal Government and the military  
3 departments (including the Open Source Center and  
4 the United States Atomic Energy Detection Sys-  
5 tem), national laboratories, industry, and academia.

6           (d) DESIGNATION OF DOE.—The President shall  
7 designate the Department of Energy as the lead agency  
8 for development of the plan under subsection (b).

9           (e) BRIEFING.—Not later than 30 days after the date  
10 of the enactment of this Act, the Secretary of Energy, act-  
11 ing through the Administrator for Nuclear Security, shall  
12 provide to the appropriate congressional committees an in-  
13 terim briefing on the plan under subsection (b).

14           (f) LIMITATION.—Of the funds authorized to be ap-  
15 propriated by this Act or otherwise made available for fis-  
16 cal year 2018 for the Department of Defense for sup-  
17 porting the Executive Office of the President,  
18 \$10,000,000 may not be obligated or expended until the  
19 date on which the President submits to the appropriate  
20 congressional committees the plan under subsection  
21 (g)(1).

22           (g) SUBMISSION.—

23           (1) DEADLINE.—Not later than April 15, 2018,  
24 the President shall submit to the appropriate con-

1       gressional committees the plan developed under sub-  
2       section (b).

3           (2) FORM.—The plan under subsection (b) shall  
4       be submitted in unclassified form, but, consistent  
5       with the protection of intelligence sources and meth-  
6       ods, may include a classified annex.

7       (h) APPROPRIATE CONGRESSIONAL COMMITTEES  
8       DEFINED.—In this section, the term “appropriate con-  
9       gressional committees” means the following:

10           (1) The congressional defense committees.

11           (2) The Select Committee on Intelligence of the  
12       Senate and the Permanent Select Committee on In-  
13       telligence of the House of Representatives.

14           (3) The Committee on Foreign Relations of the  
15       Senate and the Committee on Foreign Affairs of the  
16       House of Representatives.

17           (4) The Committee on Homeland Security and  
18       Governmental Affairs of the Senate and the Com-  
19       mittee on Homeland Security of the House of Rep-  
20       resentatives.

21           (5) The Committee on Commerce, Science, and  
22       Transportation of the Senate and the Committee on  
23       Energy and Commerce of the House of Representa-  
24       tives.



1 **SEC. 3137. REVIEW OF UNITED STATES NUCLEAR AND RADI-**  
2 **OLOGICAL TERRORISM PREVENTION STRAT-**  
3 **EGY.**

4 (a) IN GENERAL.—The Secretary of Energy, acting  
5 through the Administrator for Nuclear Security, shall  
6 enter into an arrangement with the private scientific advi-  
7 sory group known as JASON to assess and recommend  
8 improvements to the strategies of the United States for  
9 preventing, countering, and responding to nuclear and ra-  
10 diological terrorism, specifically terrorism involving the  
11 use of nuclear weapons, improvised nuclear devices, or ra-  
12 diological dispersal or exposure devices, or the sabotage  
13 of nuclear facilities.

14 (b) REVIEW.—The assessment conducted under sub-  
15 section (a) shall address the adequacy of the strategies  
16 of the United States described in that subsection and iden-  
17 tify technical, policy, and resource gaps with respect to—

18 (1) identifying national and international nu-  
19 clear and radiological terrorism risks and critical  
20 emerging threats;

21 (2) preventing state-sponsored actors and non-  
22 state actors from acquiring the technologies, mate-  
23 rials, and critical expertise needed to mount nuclear  
24 or radiological attacks, including dual-use tech-  
25 nologies, materials, and expertise;

1           (3) countering efforts by state-sponsored actors  
2           and non-state actors to mount such attacks;

3           (4) responding to nuclear and radiological ter-  
4           rorism incidents to attribute their origin and help  
5           manage their consequences; and

6           (5) other important matters identified by  
7           JASON that are directly relevant to those strategies.

8           (c) RECOMMENDATIONS.—The assessment conducted  
9           under subsection (a) shall include recommendations to the  
10          Secretary of Energy, Congress, and such other Federal en-  
11          tities as JASON considers appropriate, for preventing,  
12          countering, and responding to nuclear and radiological ter-  
13          rorism, including recommendations for—

14                 (1) closing technical, policy, or resource gaps;

15                 (2) improving cooperation and appropriate inte-  
16          gration among Federal entities and Federal, State,  
17          and tribal governments;

18                 (3) improving cooperation between the United  
19          States and other countries and international organi-  
20          zations; and

21                 (4) other important matters identified by  
22          JASON that are directly relevant to the strategies  
23          of the United States described in subsection (a).

24          (d) LIAISONS.—The Secretary of Energy, the Sec-  
25          retary of Defense, the Secretary of Homeland Security,

1 the Secretary of State, and the Director of National Intel-  
2 ligence shall appoint appropriate liaisons to JASON with  
3 respect to supporting the timely conduct of the assessment  
4 required by subsection (a).

5 (e) MATERIALS.—The Secretary of Energy, the Sec-  
6 retary of Defense, the Secretary of Homeland Security,  
7 the Secretary of State, and the Director of National Intel-  
8 ligence shall provide access to JASON to materials rel-  
9 evant to the assessment required by subsection (a), con-  
10 sistent with the protection of sources and methods and  
11 other critically sensitive information.

12 (f) CLEARANCES.—The Secretary of Energy and the  
13 Director of National Intelligence shall ensure that appro-  
14 priate members and staff of JASON have the necessary  
15 clearances, obtained in an expedited manner, to conduct  
16 the assessment required by subsection (a).

17 **SEC. 3138. ASSESSMENT OF MANAGEMENT AND OPERATING**  
18 **CONTRACTS OF NATIONAL SECURITY LAB-**  
19 **ORATORIES.**

20 (a) ASSESSMENT.—Not later than 30 days after the  
21 date of the enactment of this Act, the Administrator for  
22 Nuclear Security shall seek to enter into a contract with  
23 a federally funded research and development center to con-  
24 duct an assessment of the benefits, costs, challenges, risks,  
25 efficiency, and effectiveness of the strategy of the Admin-

1 istrator with respect to management and operating con-  
2 tracts for national security laboratories. The Adminis-  
3 trator may not award such contract to a federally funded  
4 research and development center for which the Depart-  
5 ment of Energy or the National Nuclear Security Adminis-  
6 tration is the primary sponsor.

7 (b) COOPERATION.—The Administrator, and the di-  
8 rector of each national security laboratory, shall provide  
9 to the federally funded research and development center  
10 conducting the assessment under subsection (a) the infor-  
11 mation the center requires to conduct such assessment.

12 (c) SUBMISSION.—

13 (1) NNSA.—Not later than 90 days after the  
14 date on which the Administrator and a federally  
15 funded research and development center enter into  
16 the contract under subsection (a), the center shall  
17 submit to the Administrator a report on the assess-  
18 ment conducted under such subsection. Such report  
19 shall include the following:

20 (A) An assessment of the acquisition strat-  
21 egy and the contract oversight process of the  
22 Administrator, and of the use of for-profit man-  
23 agement and operating contractors at national  
24 security laboratories, and whether such strat-  
25 egy, process, and contractors provide the best

1 outcomes to the Federal Government with re-  
2 spect to performance, cost, efficiency, and effec-  
3 tiveness.

4 (B) An assessment of the total costs, for  
5 each national security laboratory, that are in-  
6 curred because of using a for-profit model for  
7 the management and operating contract that  
8 would not be incurred under a nonprofit model,  
9 and whether performance, costs, efficiency, and  
10 effectiveness would be expected to increase or  
11 decrease under a nonprofit model.

12 (C) An assessment of whether the Admin-  
13 istrator is appropriately using, managing, and  
14 overseeing the national security laboratories  
15 with respect to the nature of the laboratories as  
16 federally funded research and development cen-  
17 ters.

18 (2) CONGRESS.—Not later than 30 days after  
19 the date on which the Administrator receives the re-  
20 port under paragraph (1), the Administrator shall  
21 submit to the congressional defense committees such  
22 report, without change, together with any comments  
23 the Administrator determines appropriate.

24 (3) LIMITATION.—

1 (A) AWARD OR EXTENSION OF CON-  
2 TRACT.—None of the funds authorized to be  
3 appropriated by this Act or otherwise made  
4 available for fiscal year 2018 for the National  
5 Nuclear Security Administration may be obli-  
6 gated or expended to issue a final award, or  
7 issue a decision to extend, a management and  
8 operating contract for a national security lab-  
9 oratory until the date on which the Adminis-  
10 trator submits to the congressional defense  
11 committees the report under paragraph (2).

12 (B) WAIVER FOR EXTENSION.—The Sec-  
13 retary of Energy may waive the limitation in  
14 subparagraph (A) with respect to the extension  
15 of a management and operating contract for a  
16 national security laboratory if the Secretary—

17 (i) determines such waiver is required  
18 in the interest of national security; and

19 (ii) notifies the Committees on Armed  
20 Services of the House of Representatives  
21 and the Senate of such determination.

22 (d) SENSE OF CONGRESS.—It is the sense of Con-  
23 gress that nothing in this section should be construed to  
24 mandate or encourage an extension of an existing manage-

1 ment and operating contract for a national security lab-  
2 oratory.

3 (e) NATIONAL SECURITY LABORATORY DEFINED.—

4 In this section, the term “national security laboratory”  
5 has the meaning given that term in section 4002(7) of  
6 the Atomic Energy Defense Act (50 U.S.C. 2501(7)).

7 **SEC. 3139. EVALUATION OF CLASSIFICATION OF CERTAIN**  
8 **DEFENSE NUCLEAR WASTE.**

9 (a) EVALUATION.—The Secretary of Energy shall  
10 conduct an evaluation of the feasibility, costs, and cost  
11 savings of classifying covered defense nuclear waste as  
12 other than high-level radioactive waste, without decreasing  
13 environmental, health, or public safety requirements.

14 (b) MATTERS INCLUDED.—In conducting the evalua-  
15 tion under subsection (a), the Secretary shall consider—

16 (1) the estimated quantities and locations of  
17 covered defense nuclear waste;

18 (2) the potential disposal paths for such waste;

19 (3) the estimated disposal timeline for such  
20 waste;

21 (4) the estimated costs for disposal of such  
22 waste, and potential cost savings;

23 (5) the potential effect on existing consent or-  
24 ders, permits, and agreements;

1           (6) the basis by which the Secretary would  
2           make a decision on reclassification of such waste;  
3           and

4           (7) any such other matters relating to defense  
5           nuclear waste or other reprocessing waste that the  
6           Secretary determines appropriate.

7           (c) REPORT.—Not later than February 1, 2018, the  
8           Secretary shall submit to the appropriate congressional  
9           committees a report on the evaluation under subsection  
10          (a), including a description of—

11           (1) the consideration by the Secretary of the  
12           matters under subsection (b);

13           (2) any actions the Secretary has taken or  
14           plans to take to change the processes, rules, regula-  
15           tions, orders, or directives, relating to defense nu-  
16           clear waste, as appropriate;

17           (3) any recommendations for legislative action  
18           the Secretary determines appropriate; and

19           (4) the assessment of the Secretary regarding  
20           the benefits and risks of the actions and rec-  
21           ommendations of the Secretary under paragraphs  
22           (1) and (2).

23          (d) DIFFERENTIATION OF WASTE.—In conducting  
24          the evaluation under subsection (a) and preparing the re-  
25          port required by subsection (c), the Secretary shall distin-



1 guish between covered nuclear waste described in subpara-  
2 graph (A) of subsection (e)(2) and covered nuclear waste  
3 described in subparagraph (B) of that subsection.

4 (e) DEFINITIONS.—In this section:

5 (1) APPROPRIATE CONGRESSIONAL COMMIT-  
6 TEES.—The term “appropriate congressional com-  
7 mittees” means the following:

8 (A) The congressional defense committees.

9 (B) The Committee on Energy and Com-  
10 merce of the House of Representatives.

11 (C) The Committee on Energy and Nat-  
12 ural Resources of the Senate.

13 (2) COVERED DEFENSE NUCLEAR WASTE.—The  
14 term “covered defense nuclear waste” means radio-  
15 active waste that resulted from the reprocessing of  
16 spent nuclear fuel that was generated from atomic  
17 energy defense activities and that—

18 (A) contains more than 100 nCi/g of  
19 alpha-emitting transuranic isotopes with half-  
20 lives greater than 20 years; or

21 (B) may be classified, managed, treated,  
22 and disposed of, regardless of origin or previous  
23 classification, as other than high-level radio-  
24 active waste.

1 **SEC. 3140. IMPROVED REPORTING FOR ANTI-SMUGGLING**  
2 **RADIATION DETECTION SYSTEMS.**

3 (a) ANNUAL REPORT.—Together with the submission  
4 to Congress of the budget of the President under section  
5 1105(a) of title 31, United States Code, for each of fiscal  
6 years 2019 through 2021, the Administrator for Nuclear  
7 Security shall submit to the congressional defense commit-  
8 tees a report regarding any anti-smuggling radiation de-  
9 tection systems that the Administrator proposes to deploy  
10 during the fiscal year covered by the budget.

11 (b) MATTERS INCLUDED.—Each report under sub-  
12 section (a) shall include the following:

13 (1) The probability of detection for the anti-  
14 smuggling radiation detection systems covered by  
15 the report against realistic potential smuggling  
16 threats, including shielded and unshielded uranium,  
17 plutonium, and other special nuclear material.

18 (2) The costs associated with the deployments  
19 of such systems, including costs to the United States  
20 and costs to any host country.

21 (3) Options for technological advances that  
22 would make radiation detection less expensive or  
23 more effective.

24 (4) The benefits to the national security of the  
25 United States resulting from the deployments of  
26 such systems.

1 **SEC. 3141. PLUTONIUM CAPABILITIES.**

2 (a) REPORT.—Not later than 30 days after the date  
3 of the enactment of this Act, the Administrator for Nu-  
4 clear Security shall submit to the congressional defense  
5 committees and the Secretary of Defense a report on the  
6 recommended alternative endorsed by the Administrator  
7 for recapitalization of plutonium science and production  
8 capabilities of the nuclear security enterprise. The report  
9 shall identify the recommended alternative endorsed by  
10 the Administrator and contain the analysis of alternatives,  
11 including costs, upon which the Administrator relied in  
12 making such endorsement.

13 (b) CERTIFICATION.—Not later than 60 days after  
14 the date on which the Secretary of Defense receives the  
15 report required by subsection (a), the Chairman of the  
16 Nuclear Weapons Council shall submit to the congres-  
17 sional defense committees the written certification of the  
18 Chairman regarding whether—

19 (1) the recommended alternative described in  
20 subsection (a)—

21 (A) is acceptable to the Secretary of De-  
22 fense and the Nuclear Weapons Council and  
23 meets the requirements of the Secretary for  
24 plutonium pit production capacity and capa-  
25 bility;

1 (B) is likely to meet the pit production  
2 timelines and milestones required by section  
3 4219 of the Atomic Energy Defense Act (50  
4 U.S.C. 2538a);

5 (C) is likely to meet pit production  
6 timelines and requirements responsive to mili-  
7 tary requirements;

8 (D) is cost effective and has reasonable  
9 near-term and lifecycle costs that are mini-  
10 mized, to the extent practicable, as compared to  
11 other alternatives;

12 (E) contains minimized and manageable  
13 risks as compared to other alternatives; and

14 (F) can be acceptably reconciled with any  
15 differences in the conclusions made by the Of-  
16 fice of Cost Assessment and Program Evalua-  
17 tion of the Department of Defense in the busi-  
18 ness case analysis of plutonium pit production  
19 capability issued in 2013; and

20 (2) the Administrator has—

21 (A) documented the assumptions and con-  
22 straints used in the analysis of alternatives de-  
23 scribed in subsection (a); and

1 (B) tested and documented the sensitivity  
2 of the cost estimates for each alternative to  
3 risks and changes in key assumptions.

4 (c) ASSESSMENT.—

5 (1) IN GENERAL.—Not later than 90 days after  
6 the date of the enactment of this Act, the Director  
7 for Cost Estimating and Program Evaluation of the  
8 National Nuclear Security Administration shall pro-  
9 vide to the congressional defense committees a brief-  
10 ing containing the assessment of the Director of the  
11 analysis of alternatives described in subsection (a).

12 (2) ELEMENTS.—The briefing required by  
13 paragraph (1) shall include—

14 (A) descriptions of the scope, risks, and  
15 costs for alternatives not considered in the anal-  
16 ysis of alternatives that the Director deems via-  
17 ble; and

18 (B) any views of the Administrator regard-  
19 ing such alternatives.

20 (d) EFFECT OF FAILURE TO IDENTIFY REC-  
21 OMMENDED ALTERNATIVE.—The Administrator shall  
22 carry out the modular building strategy (as defined in sec-  
23 tion 3114(c)(3) of the National Defense Authorization Act  
24 for Fiscal Year 2013 (50 U.S.C. 2535 note)) at Los Ala-  
25 mos National Laboratory, Los Alamos, New Mexico, if,

1 by the date that is 150 days after the date of the enact-  
2 ment of this Act—

3 (1) the Administrator has not identified, in the  
4 report required by subsection (a), the recommended  
5 alternative proposed by the Administrator for recapiti-  
6 talization of plutonium science and production capa-  
7 bilities of the nuclear security enterprise; or

8 (2) the Chairman of the Nuclear Weapons  
9 Council has not certified under subsection (b) that  
10 the recommended alternative proposed by the Ad-  
11 ministrator meets the criteria described in subpara-  
12 graphs (A) through (F) of paragraph (1) of that  
13 subsection.

14 (e) NUCLEAR SECURITY ENTERPRISE DEFINED.—In  
15 this section, the term “nuclear security enterprise” has  
16 the meaning given that term in section 4002 of the Atomic  
17 Energy Defense Act (50 U.S.C. 2501).

18 **SEC. 3142. REPORT ON CRITICAL DECISION 1 ON MATERIAL**  
19 **STAGING FACILITY PROJECT.**

20 Not later than 30 days after the date of the enact-  
21 ment of this Act, the Administrator for Nuclear Security  
22 shall submit to the congressional defense committees a re-  
23 port containing the following:

24 (1) The decision memorandum of the Adminis-  
25 trator with respect to critical decision 1 in the acqui-

1 sition process for the Material Staging Facility  
2 project at the Pantex Plant, Amarillo, Texas.

3 (2) The preferred alternative approved by the  
4 Administrator for such critical decision 1.

5 (3) The cost-range estimates for such critical  
6 decision 1, including a description of the costs saved  
7 or avoided from not carrying out recapitalization  
8 and sustainment of Area 4 at the Pantex Plant.

9 (4) The schedule-range estimates for such crit-  
10 ical decision 1 that include completion of the Mate-  
11 rial Staging Facility by 2024.

12 (5) The risk factors and risk mitigation and  
13 management options relating to the Material Stag-  
14 ing Facility.

15 (6) The expected improvements to operations  
16 and security provided by the Material Staging Facil-  
17 ity, once operational, including the potential annual  
18 cost savings.

19 (7) Such other matters as the Administrator  
20 considers appropriate.

21 **SEC. 3143. PLAN TO FURTHER MINIMIZE THE USE OF HIGH-**  
22 **LY ENRICHED URANIUM FOR MEDICAL ISO-**  
23 **TOPES.**

24 (a) PLAN.—The Secretary of Energy, in consultation  
25 with the Secretary of State, shall develop and assess a

1 plan, including with respect to the benefits, risks, costs,  
2 and opportunities of the plan, to—

3 (1) take additional actions to promote the wider  
4 utilization of molybdenum-99 and technetium-99m  
5 produced without the use of highly enriched uranium  
6 targets, such as, at a minimum, by—

7 (A) eliminating the availability of highly  
8 enriched uranium for molybdenum-99 by buying  
9 back United States-origin highly enriched ura-  
10 nium in raw or target form from global molyb-  
11 denum-99 suppliers; and

12 (B) restricting or placing financial pen-  
13 alties on the import of molybdenum-99 pro-  
14 duced with highly enriched uranium targets;

15 (2) work with global molybdenum suppliers and  
16 regulators to reduce the proliferation hazard from  
17 reprocessing waste from medical isotope production  
18 containing United States-origin highly enriched ura-  
19 nium; and

20 (3) ensure an adequate supply of molybdenum-  
21 99 and technetium-99 at all times, and both assess  
22 and mitigate any risks to such supply during a tran-  
23 sition to production without the use of highly en-  
24 riched uranium.

25 (b) SUBMISSION.—



1           (1) IN GENERAL.—Not later than April 1,  
2           2018, the Secretary of Energy shall submit to the  
3           appropriate congressional committees a report con-  
4           taining the plan and assessment under subsection  
5           (a).

6           (2) FORM.—The report under paragraph (1)  
7           shall be submitted in unclassified form, but may in-  
8           clude a classified annex.

9           (3) APPROPRIATE CONGRESSIONAL COMMIT-  
10          TEES DEFINED.—In this subsection, the term “ap-  
11          propriate congressional committees” means—

12                   (A) the congressional defense committees;

13                   (B) the Committee on Foreign Affairs and  
14                   the Committee on Energy and Commerce of the  
15                   House of Representatives; and

16                   (C) the Committee on Foreign Relations  
17                   and the Committee on Energy and Natural Re-  
18                   sources of the Senate.

## 19                   **Subtitle D—Other Matters**

### 20           **SEC. 3151. SENSE OF CONGRESS REGARDING COMPENSA-** 21                   **TION OF INDIVIDUALS RELATING TO URA-** 22                   **NIUM MINING AND NUCLEAR TESTING.**

23           (a) FINDINGS.—Congress makes the following find-  
24           ings:

1           (1) The Radiation Exposure Compensation Act  
2           (42 U.S.C. 2210 note) was enacted in 1990 to pro-  
3           vide monetary compensation to individuals who con-  
4           tracted certain cancers and other serious diseases  
5           following their exposure to radiation released during  
6           atmospheric nuclear weapons testing during the Cold  
7           War or following exposure to radiation as a result of  
8           employment in the uranium industry during the  
9           Cold War.

10           (2) The Energy Employees Occupational Illness  
11           Compensation Program Act of 2000 (42 U.S.C.  
12           7384 et seq.) formally acknowledged the dangers to  
13           which some employees of sites of the Department of  
14           Energy and its vendors during the Cold War were  
15           exposed. That Act also acknowledged that, although  
16           establishing the link between occupational hazards  
17           and specific diseases can be difficult, scientific evi-  
18           dence exists to support the conclusion that some ac-  
19           tivities related to Cold War nuclear weapons produc-  
20           tion have resulted in increased risk of illness and  
21           death to workers. That Act established a formal  
22           process for the submission of claims for medical ex-  
23           penses and lump sum compensation for former em-  
24           ployees and contractors and survivors of those  
25           former employees and contractors.

1           (3) As of the date of the enactment of this Act,  
2           more than 145,775 claims have been paid out under  
3           the Radiation Exposure Compensation Act and the  
4           Energy Employees Occupational Illness Compensa-  
5           tion Program Act of 2000, for a total of at least  
6           \$16,400,000,000 in lump sum compensation and  
7           medical expenses.

8           (b) SENSE OF CONGRESS.—It is the sense of Con-  
9           gress that the United States Government should appro-  
10          priately compensate and recognize the employees, contrac-  
11          tors, and other individuals described in subsection (a).

12       **TITLE       XXXII—DEFENSE       NU-**  
13       **CLEAR   FACILITIES   SAFETY**  
14       **BOARD**

Sec. 3201. Authorization.

15       **SEC. 3201. AUTHORIZATION.**

16          (a) AUTHORIZATION.—There are authorized to be ap-  
17          propriated for fiscal year 2018, \$30,600,000 for the oper-  
18          ation of the Defense Nuclear Facilities Safety Board  
19          under chapter 21 of the Atomic Energy Act of 1954 (42  
20          U.S.C. 2286 et seq.).

21          (b) CERTIFICATION.—Not later than 10 days after  
22          the date on which the budget of the President for fiscal  
23          year 2019 or any fiscal year thereafter is submitted to  
24          Congress pursuant to section 1105(a) of title 31, United

1 States Code, the Defense Nuclear Facilities Safety Board  
2 shall submit to the congressional defense committees a let-  
3 ter certifying that the requested budget is sufficient to  
4 carry out the mission of the Defense Nuclear Facilities  
5 Safety Board during the fiscal year covered by the budget  
6 request.

7 **TITLE XXXIV—NAVAL**  
8 **PETROLEUM RESERVES**

Sec. 3401. Authorization of appropriations.

9 **SEC. 3401. AUTHORIZATION OF APPROPRIATIONS.**

10 (a) AMOUNT.—There are hereby authorized to be ap-  
11 propriated to the Secretary of Energy \$4,900,000 for fis-  
12 cal year 2018 for the purpose of carrying out activities  
13 under chapter 641 of title 10, United States Code, relating  
14 to the naval petroleum reserves.

15 (b) PERIOD OF AVAILABILITY.—Funds appropriated  
16 pursuant to the authorization of appropriations in sub-  
17 section (a) shall remain available until expended.

18 **TITLE XXXV—MARITIME**  
19 **MATTERS**

Sec. 3501. Authorization of the Maritime Administration.

Sec. 3502. Merchant Ship Sales Act of 1946.

Sec. 3503. Maritime Security Fleet Program; restriction on operation for new entrants.

Sec. 3504. Codification of sections relating to acquisition, charter, and requisition of vessels.

Sec. 3505. Assistance for small shipyards.

Sec. 3506. Report on sexual assault victim recovery in the Coast Guard.

Sec. 3507. Centers of excellence.

Sec. 3508. Foreign spill protection.

- Sec. 3509. Removal of adjunct professor limit at United States Merchant Marine Academy.
- Sec. 3510. Acceptance of guarantees in conjunction with partial donations for major projects of the United States Merchant Marine Academy.
- Sec. 3511. Authority to pay conveyance or transfer expenses in connection with acceptance of a gift to the United States Merchant Marine Academy.
- Sec. 3512. Authority to participate in Federal, State or other research grants.
- Sec. 3513. Provision of satellite communication devices during Sea Year program.
- Sec. 3514. Actions to address sexual harassment, dating violence, domestic violence, sexual assault, and stalking at the United States Merchant Marine Academy.
- Sec. 3515. Sexual assault prevention and response staff for the United States Merchant Marine Academy.
- Sec. 3516. Protection of cadets at the United States Merchant Marine Academy from sexual assault onboard commercial vessels.
- Sec. 3517. Training requirement for sexual assault investigators.

1 **SEC. 3501. AUTHORIZATION OF THE MARITIME ADMINIS-**  
2 **TRATION.**

3 (a) IN GENERAL.—There are authorized to be appro-  
4 priated to the Department of Transportation for fiscal  
5 year 2018, to be available without fiscal year limitation  
6 if so provided in appropriations Acts, for programs associ-  
7 ated with maintaining the United States merchant marine,  
8 the following amounts:

9 (1) For expenses necessary for operations of the  
10 United States Merchant Marine Academy,  
11 \$87,000,000, of which—

12 (A) \$69,000,000 shall be for Academy op-  
13 erations including—

14 (i) the implementation of section  
15 3514(b) of the National Defense Author-

1                    ization Act for Fiscal Year 2017, as added  
2                    by section 3513; and

3                    (ii) staffing, training, and other ac-  
4                    tions necessary to prevent and respond to  
5                    sexual harassment and sexual assault; and

6                    (B) \$18,000,000 shall remain available  
7                    until expended for capital asset management at  
8                    the Academy.

9                    (2) For expenses necessary to support the State  
10                   maritime academies, \$29,550,000, of which—

11                    (A) \$2,400,000 shall remain available until  
12                    September 30, 2019, for the Student Incentive  
13                    Program;

14                    (B) \$3,000,000 shall remain available until  
15                    expended for direct payments to such acad-  
16                    emies;

17                    (C) \$22,000,000 shall remain available  
18                    until expended for maintenance and repair of  
19                    State maritime academy training vessels;

20                    (D) \$1,800,000 shall remain available until  
21                    expended for training ship fuel assistance; and

22                    (E) \$350,000 shall remain available until  
23                    expended for expenses to improve the moni-  
24                    toring of the service obligations of graduates.

1           (3) For expenses necessary to support the Na-  
2           tional Security Multi-Mission Vessel Program,  
3           \$50,000,000, which shall remain available until ex-  
4           pended.

5           (4) For expenses necessary to support Maritime  
6           Administration operations and programs,  
7           \$60,020,000.

8           (5) For expenses necessary to dispose of vessels  
9           in the National Defense Reserve Fleet, \$9,000,000,  
10          which shall remain available until expended.

11          (6) For expenses necessary to maintain and  
12          preserve a United States flag merchant marine to  
13          serve the national security needs of the United  
14          States under chapter 531 of title 46, United States  
15          Code, \$300,000,000.

16          (7) For expenses necessary for the loan guar-  
17          antee program authorized under chapter 537 of title  
18          46, United States Code, \$33,000,000, of which—

19                 (A) \$30,000,000 may be used for the cost  
20                 (as defined in section 502(5) of the Federal  
21                 Credit Reform Act of 1990 (2 U.S.C. 661a(5)))  
22                 of loan guarantees under the program; and

23                 (B) \$3,000,000 may be used for adminis-  
24                 trative expenses relating to loan guarantee com-  
25                 mitments under the program.

1 (b) ASSISTANCE FOR SMALL SHIPYARDS AND MARI-  
2 TIME COMMUNITIES.—Section 54101(i) of title 46, United  
3 States Code, is amended by striking “2015” and all that  
4 follows before the period and inserting “2018, 2019, and  
5 2020 to carry out this section \$35,000,000”.

6 **SEC. 3502. MERCHANT SHIP SALES ACT OF 1946.**

7 (a) AMENDMENTS.—The Merchant Ship Sales Act of  
8 1946 (50 U.S.C. 4401 et seq.) is amended by—

9 (1) repealing the first section and sections 2, 3,  
10 5, 12, and 14;

11 (2) in section 8, redesignating subsection (d) as  
12 section 56308 of title 46, United States Code, and  
13 transferring it to appear after section 56307 of such  
14 title; and

15 (3) redesignating section 11 as section 57100 of  
16 title 46, United States Code, and transferring it to  
17 appear before section 57101 of such title.

18 (b) CONFORMING AND CLERICAL AMENDMENTS.—

19 (1) Section 2218 of title 10, United States  
20 Code, is amended by striking “section 11 of the  
21 Merchant Ship Sales Act of 1946 (50 U.S.C. App.  
22 1744)” each place it appears and inserting “section  
23 57100 of title 46”.

24 (2) Section 3134 of title 40, United States  
25 Code, is amended—



1 (A) by striking “31,” and inserting “31  
2 or”; and

3 (B) by striking “or the Merchant Ship  
4 Sales Act of 1946 (50 App. U.S.C. 1735 et  
5 seq.),”.

6 (3) Section 3703a(b)(6) of title 46, United  
7 States Code, is amended by striking “section 11 of  
8 the Merchant Ship Sales Act of 1946 (50 App.  
9 U.S.C. 1744)” and inserting “section 57100”.

10 (4) Section 52101(c)(1)(A)(i) of title 46,  
11 United States Code, is amended by striking “section  
12 11 of the Merchant Ship Sales Act of 1946 (50 App.  
13 U.S.C. 1744)” and inserting “section 57100”.

14 (5) Section 56308 of title 46, United States  
15 Code, as redesignated and transferred by subsection  
16 (a)(2) of this section, is amended—

17 (A) by striking so much as precedes “ves-  
18 sel constructed” and inserting the following:

19 **“§ 56308. Transfer of substitute vessels**

20 “In the case of any”;

21 (B) by inserting “of Transportation” after  
22 “Secretary”; and

23 (C) by striking “adjustments with respect  
24 to the retained vessels as provided for in section  
25 9, and”.

1           (6) Section 57100 of title 46, United States  
2 Code, as redesignated and transferred by subsection  
3 (a)(3) of this section, is amended—

4           (A) by striking so much as precedes the  
5 text of subsection (a) and inserting the fol-  
6 lowing:

7 **“§ 57100. National Defense Reserve Fleet**

8           “(a) FLEET COMPONENTS.—”;

9           (B) in subsection (b), by inserting before  
10 the first sentence the following: “PERMITTED  
11 USES.—”; and

12           (C) in subsection (e)—

13           (i) by inserting before the first sen-  
14 tence the following: “EXEMPTION FROM  
15 TANK VESSEL CONSTRUCTION STAND-  
16 ARDS.—”; and

17           (ii) by striking “of title 46, United  
18 States Code”.

19           (7) Section 57101 of title 46, United States  
20 Code, is amended by striking “maintained under  
21 section 11 of the Merchant Ship Sales Act of 1946  
22 (50 App. 1744)”.

23           (8) The analysis for chapter 563 of title 46,  
24 United States Code, is amended by inserting after  
25 the item relating to section 56307 the following:

“56308. Transfer of substitute vessels.”.

1           (9) The analysis for chapter 571 of title 46,  
2           United States Code, is amended by inserting before  
3           the item relating to section 57101 the following:

“57100. National Defense Reserve Fleet.”.

4 **SEC. 3503. MARITIME SECURITY FLEET PROGRAM; RE-**  
5 **STRICTION ON OPERATION FOR NEW EN-**  
6 **TRANTS.**

7           (a) RESTRICTION.—Section 53105(a) of title 46,  
8           United States Code, is amended—

9           (1) in paragraph (1)(A), by inserting “, except  
10           as provided in paragraph (2),” after “in the foreign  
11           commerce or”;

12           (2) in paragraph (1)(B), by striking “and”  
13           after the semicolon at the end;

14           (3) by redesignating paragraph (2) as para-  
15           graph (3); and

16           (4) by inserting after paragraph (1) the fol-  
17           lowing:

18           “(2) in the case of a vessel, other than a re-  
19           placement vessel under subsection (f), first covered  
20           by an operating agreement after the date of the en-  
21           actment of the National Defense Authorization Act  
22           for Fiscal Year 2018, the vessel shall not be oper-  
23           ated in the transportation of cargo between points in  
24           the United States and its territories either directly  
25           or via a foreign port; and”.

1 (b) CONFORMING AMENDMENTS.—Section 53106 of  
2 title 46, United States Code, is amended—

3 (1) in subsection (b), by striking “section  
4 53105(a)(1)” and inserting “paragraph (1) and (2)  
5 of section 53105(a), as otherwise applicable with re-  
6 spect to such vessel,”; and

7 (2) in subsection (d)(3), by striking “section  
8 53105(a)(1)” and inserting “paragraph (1) and (2)  
9 of section 53105(a), as otherwise applicable with re-  
10 spect to such vessel”.

11 **SEC. 3504. CODIFICATION OF SECTIONS RELATING TO AC-**  
12 **QUISITION, CHARTER, AND REQUISITION OF**  
13 **VESSELS.**

14 (a) EMERGENCY FOREIGN VESSEL ACQUISITION;  
15 PURCHASE OR REQUISITION OF VESSELS LYING IDLE IN  
16 UNITED STATES WATERS.—The first section of the Act  
17 of August 9, 1954 (ch. 659; 50 U.S.C. 196)—

18 (1) is redesignated as section 56309 of title 46,  
19 United States Code, and transferred to appear at  
20 the end of chapter 563 of such title, as otherwise  
21 amended by this title; and

22 (2) is amended—

23 (A) by striking “That during” and insert-  
24 ing the following:

1 **“§ 56309. Emergency foreign vessel acquisition; pur-**  
2 **chase or requisition of vessels lying idle**  
3 **in United States waters**

4 “During”;

5 (B) by striking “section 902 of the Mer-

6 chant Marine Act, 1936, as amended” each

7 place it appears and inserting “this chapter”;

8 and

9 (C) by striking “the second paragraph of

10 subsection (d) of such section 902, as amend-

11 ed” and inserting “section 56305”.

12 (b) VOLUNTARY PURCHASE OR CHARTER AGREE-

13 MENTS.—Section 2 of such Act (50 U.S.C. 197)—

14 (1) is redesignated as section 56310 of title 46,

15 United States Code, and transferred to appear after

16 section 56309 of such title (as amended by sub-

17 section (a)); and

18 (2) is amended—

19 (A) by striking so much as proceeds “Dur-

20 ing” and inserting the following:

21 **“§ 56310. Voluntary purchase or charter agreements”;**

22 **and**

23 (B) by striking “section 902 of the Mer-

24 chant Marine Act, 1936,” and inserting “this

25 chapter”.

1 (c) REQUISITIONED VESSELS.—Section 3 of such Act  
2 (50 U.S.C. 198)—

3 (1) is redesignated as section 56311 of title 46,  
4 United States Code, and transferred to appear after  
5 section 56310 of such title (as amended by sub-  
6 sections (a) and (b));

7 (2) is amended by striking so much as precedes  
8 subsection (a) and inserting the following:

9 **“§ 56311. Requisitioned vessels”; and**

10 (3) is amended—

11 (A) except as provided in subparagraphs  
12 (B) and (C), by striking “this Act” each place  
13 it appears and inserting “section 56309 or  
14 56310, as applicable”;

15 (B) in subsection (c)—

16 (i) in the first sentence, by striking  
17 “this Act” and inserting “section 56309 or  
18 56310, as applicable,”; and

19 (ii) by striking “The second para-  
20 graph of section 9 of the Shipping Act,  
21 1916, as amended,” and inserting “Section  
22 57109”; and

23 (C) in subsection (d)—

24 (i) in the first sentence by striking  
25 “provisions of section 3709 of the Revised

1 Statutes” and inserting “section 6101 of  
2 title 41”;

3 (ii) in the second sentence—

4 (I) by striking “this Act” and in-  
5 serting “section 56309 or 56310, as  
6 applicable,”; and

7 (II) by striking “said section  
8 3709” and inserting “section 6101 of  
9 title 41”;

10 (iii) by striking “title VII of the Mer-  
11 chant Marine Act, 1936” and inserting  
12 “chapter 575”; and

13 (iv) by striking subsection (f).

14 (d) DOCUMENTED DEFINED.—Chapter 563 of title  
15 46, United States Code, as amended by this section, is  
16 further amended by adding at the end the following:

17 **“§ 56312. Documented defined**

18 “In sections 56309 through 56311, the term ‘docu-  
19 mented’ means, with respect to a vessel, that a certificate  
20 of documentation has been issued for the vessel under  
21 chapter 121.”.

22 (e) CLERICAL AMENDMENT.—The analysis for chap-  
23 ter 563 of title 46, United States Code, as otherwise  
24 amended by this title, is further amended by adding at  
25 the end the following:

“56309. Emergency foreign vessel acquisition; purchase or requisition of vessels lying idle in United States waters  
“56310. Voluntary purchase or charter agreements  
“56311. Requisitioned vessels  
“56312. Documented defined”.

1 (f) REFERENCES.—Any reference in a law, regula-  
2 tion, document, paper, or other record of the United  
3 States to a section that is redesignated and transferred  
4 by this section is deemed to refer to such section as so  
5 redesignated and transferred.

6 **SEC. 3505. ASSISTANCE FOR SMALL SHIPYARDS.**

7 (a) IN GENERAL.—Section 54101 of title 46, United  
8 States Code, is amended—

9 (1) in the section heading, by striking “**and**  
10 **maritime communities**”;

11 (2) in subsection (a)(2), by striking “in commu-  
12 nities” and all that follows through the period and  
13 inserting “relating to shipbuilding, ship repair, and  
14 associated industries.”;

15 (3) by amending subsection (b) to read as fol-  
16 lows:

17 “(b) AWARDS.—

18 “(1) IN GENERAL.—In providing assistance  
19 under the program, the Administrator shall consider  
20 projects that foster—

21 “(A) efficiency, competitive operations, and  
22 quality ship construction, repair, and reconfig-  
23 uration; and



1           “(B) employee skills and enhanced produc-  
2           tivity related to shipbuilding, ship repair, and  
3           associated industries.

4           “(2) TIMING OF GRANTS.—The Administrator  
5           shall award grants under this section not later than  
6           120 days after the date of the enactment of the ap-  
7           propriations Act for the fiscal year concerned.

8           “(3) REUSE OF UNEXPENDED GRANT FUNDS.—  
9           Notwithstanding paragraph (2), amounts awarded  
10          as a grant under this section that are not expended  
11          by the grantee shall remain available to the Admin-  
12          istrator for use for grants under this section.”;

13          (4) in subsection (c)(1)—

14                 (A) by inserting “to” after “may be used”;  
15                 and

16                 (B) by striking subparagraphs (A), (B),  
17                 and (C) and inserting the following:

18                         “(A) make capital and related improve-  
19                         ments in small shipyards; and

20                         “(B) provide training for workers in ship-  
21                         building, ship repair, and associated indus-  
22                         tries.”;

23          (5) in subsection (d), by striking “unless” and  
24          all that follows before the period; and

25          (6) in subsection (e)—

1 (A) by striking paragraph (2);

2 (B) by redesignating paragraph (3) as  
3 paragraph (2); and

4 (C) in paragraph (1) by striking “Except  
5 as provided in paragraph (2),”.

6 (b) CLERICAL AMENDMENT.—The analysis for chap-  
7 ter 541 of title 46, United States Code, is amended by  
8 striking the item relating to section 54101 and inserting  
9 the following:

“54101. Assistance for small shipyards.”.

10 **SEC. 3506. REPORT ON SEXUAL ASSAULT VICTIM RECOV-**  
11 **ERY IN THE COAST GUARD.**

12 (a) IN GENERAL.—Not later than 180 days after the  
13 date of the enactment of this Act, the Commandant of  
14 the Coast Guard shall submit to the Committee on Trans-  
15 portation and Infrastructure of the House of Representa-  
16 tives and the Committee on Commerce, Science, and  
17 Transportation of the Senate a report on sexual assault  
18 prevention and response policies of the Coast Guard and  
19 strategic goals related to sexual assault victim recovery.

20 (b) CONTENTS.—The report shall—

21 (1) describe Coast Guard strategic goals relat-  
22 ing to sexual assault climate, prevention, response,  
23 and accountability, and actions taken by the Coast  
24 Guard to promote sexual assault victim recovery;

1           (2) explain how victim recovery is being incor-  
2           porated into Coast Guard strategic and pro-  
3           grammatic guidance related to sexual assault pre-  
4           vention and response;

5           (3) examine current Coast Guard sexual assault  
6           prevention and response policy with respect to—

7                   (A) Coast Guard criteria for what com-  
8                   prises sexual assault victim recovery;

9                   (B) alignment of Coast Guard personnel  
10                  policies to enhance—

11                           (i) an approach to sexual assault re-  
12                           sponse that gives priority to victim recov-  
13                           ery;

14                           (ii) upholding individual privacy and  
15                           dignity; and

16                           (iii) the opportunity for the continu-  
17                           ation of Coast Guard service by sexual as-  
18                           sault victims; and

19                   (C) sexual harassment response, including  
20                   a description of the circumstances under which  
21                   sexual harassment is considered a criminal of-  
22                   fense; and

23           (4) to ensure victims and supervisors under-  
24           stand the full scope of resources available to aid in  
25           long-term recovery, explain how the Coast Guard in-

1 forms its workforce about changes to sexual assault  
2 prevention and response policies related to victim re-  
3 covery.

4 **SEC. 3507. CENTERS OF EXCELLENCE.**

5 (a) IN GENERAL.—Chapter 541 of title 46, United  
6 States Code, is amended by adding at the end the fol-  
7 lowing:

8 **“§ 54102. Centers of excellence for domestic maritime**  
9 **workforce training and education**

10 “(a) DESIGNATION.—The Secretary of Transpor-  
11 tation may designate as a center of excellence for domestic  
12 maritime workforce training and education a covered  
13 training entity located in a State that borders on the—

14 “(1) Gulf of Mexico;

15 “(2) Atlantic Ocean;

16 “(3) Long Island Sound;

17 “(4) Pacific Ocean;

18 “(5) Great Lakes;

19 “(6) Mississippi River System;

20 “(7) Arctic; or

21 “(8) Gulf of Alaska.

22 “(b) ASSISTANCE.—The Secretary may enter into a  
23 cooperative agreement (as that term is used in section  
24 6305 of title 31) with a center of excellence designated  
25 under subsection (a) to support maritime workforce train-

1 ing and education at the center of excellence, including  
2 efforts of the center of excellence to—

3 “(1) admit additional students;

4 “(2) recruit and train faculty;

5 “(3) expand facilities;

6 “(4) create new maritime career pathways; or

7 “(5) award students credit for prior experience,  
8 including military service.

9 “(c) DEFINITIONS.—In this section,

10 “(1) COVERED TRAINING ENTITY.—the term  
11 ‘covered training entity’ means an entity that is—

12 “(A) a community or technical college; or

13 “(B) a maritime training center—

14 “(i) operated by, or under the super-  
15 vision of, a State; and

16 “(ii) with a maritime training pro-  
17 gram in operation on the date of enact-  
18 ment of this section.

19 “(2) ARCTIC.—The term ‘Arctic’ has the mean-  
20 ing that term has under section 112 of the Arctic  
21 Research and Policy Act of 1984 (15 U.S.C.  
22 4111).”.

23 (b) CLERICAL AMENDMENT.—The analysis for chap-  
24 ter 541 of title 46, United States Code, is amended by

1 inserting after the item relating to section 54101 the fol-  
2 lowing:

“54102. Centers of excellence for domestic maritime workforce training and edu-  
cation.”.

3 **SEC. 3508. FOREIGN SPILL PROTECTION.**

4 (a) **SHORT TITLE.**—This section may be cited as the  
5 “Foreign Spill Protection Act of 2017”.

6 (b) **LIABILITY OF OWNERS AND OPERATORS OF FOR-**  
7 **EIGN FACILITIES.**—

8 (1) **OIL POLLUTION CONTROL ACT AMEND-**  
9 **MENTS.**—

10 (A) **DEFINITIONS.**—Section 1001 of the  
11 Oil Pollution Act of 1990 (33 U.S.C. 2701) is  
12 amended—

13 (i) in paragraph (26)(A)—

14 (I) in clause (ii), by striking “on-  
15 shore or offshore facility, any person”  
16 and inserting “onshore facility, off-  
17 shore facility, or foreign offshore unit  
18 or other facility located seaward of the  
19 exclusive economic zone, any person  
20 or entity”; and

21 (II) in clause (iii), by striking  
22 “offshore facility, the person who”  
23 and inserting “offshore facility or for-  
24 eign offshore unit or other facility lo-

1 cated seaward of the exclusive eco-  
2 nomic zone, the person or entity  
3 that”; and

4 (ii) in paragraph (32)—

5 (I) by redesignating subpara-  
6 graphs (D) through (F) as subpara-  
7 graphs (E) through (G), respectively;

8 (II) by inserting after subpara-  
9 graph (C) the following:

10 “(D) FOREIGN FACILITIES.—In the case of  
11 a foreign offshore unit or other facility located  
12 seaward of the exclusive economic zone, any  
13 person or other entity owning or operating the  
14 facility, and any leaseholder, permit holder, as-  
15 signee, or holder of a right of use and easement  
16 granted under applicable foreign law for the  
17 area in which the facility is located.”; and

18 (III) in subparagraph (G), as so  
19 redesignated, by striking “or offshore  
20 facility, the persons who” and insert-  
21 ing “, offshore facility, or foreign off-  
22 shore unit or other facility located  
23 seaward of the exclusive economic  
24 zone, the persons or entities that”.

1 (B) ACTIONS ON BEHALF OF FUND.—Sec-  
2 tion 1015(c) of the Oil Pollution Act of 1990  
3 (33 U.S.C. 2715(c)) is amended, in the third  
4 sentence, by adding before the period at the end  
5 the following: “or other facility located seaward  
6 of the exclusive economic zone”.

7 (2) FEDERAL WATER POLLUTION CONTROL ACT  
8 AMENDMENTS.—Section 311(a)(11) of the Federal  
9 Water Pollution Control Act (33 U.S.C.  
10 1321(a)(11)) is amended—

11 (A) by striking “and any facility” and in-  
12 serting “any facility”; and

13 (B) by inserting “, and, for the purposes  
14 of applying subsections (b), (c), (e), and (o),  
15 any foreign offshore unit (as defined in section  
16 1001 of the Oil Pollution Act) or any other fa-  
17 cility located seaward of the exclusive economic  
18 zone” after “public vessel”.

19 **SEC. 3509. REMOVAL OF ADJUNCT PROFESSOR LIMIT AT**  
20 **UNITED STATES MERCHANT MARINE ACAD-**  
21 **EMY.**

22 Section 51317 of title 46, United States Code, is  
23 amended—

24 (1) in subsection (b)—



1 (A) in paragraph (1), by striking “and” at  
2 the end; and

3 (B) in paragraph (2), by striking the pe-  
4 riod at the end and inserting “; and”; and  
5 (2) by striking subsections (c) and (d).

6 **SEC. 3510. ACCEPTANCE OF GUARANTEES IN CONJUNC-**  
7 **TION WITH PARTIAL DONATIONS FOR MAJOR**  
8 **PROJECTS OF THE UNITED STATES MER-**  
9 **CHANT MARINE ACADEMY.**

10 (a) GUARANTEES.—Chapter 513 of title 46, United  
11 States Code, is amended by adding at the end the fol-  
12 lowing:

13 **“§ 51320. Acceptance of guarantees with gifts for**  
14 **major projects**

15 “(a) DEFINITIONS.—In this section:

16 “(1) MAJOR PROJECT.—The term ‘major  
17 project’ means a project estimated to cost at least  
18 \$1,000,000 for—

19 “(A) the purchase or other procurement of  
20 real or personal property; or

21 “(B) the construction, renovation, or re-  
22 pair of real or personal property.

23 “(2) MAJOR UNITED STATES COMMERCIAL  
24 BANK.—The term ‘major United States commercial  
25 bank’ means a commercial bank that—

1           “(A) is an insured bank (as defined in sec-  
2           tion 3(h) of the Federal Deposit Insurance Act  
3           (12 U.S.C. 1813(h));

4           “(B) is headquartered in the United  
5           States; and

6           “(C) has total net assets of an amount  
7           considered by the Maritime Administrator to  
8           qualify the bank as a major bank.

9           “(3) MAJOR UNITED STATES INVESTMENT MAN-  
10          AGEMENT FIRM.—The term ‘major United States in-  
11          vestment management firm’ means—

12           “(A) any broker or dealer (as such terms  
13           are defined in section 3 of the Securities Ex-  
14           change Act of 1934 (15 U.S.C. 78c));

15           “(B) any investment adviser or provider of  
16           investment supervisory services (as such terms  
17           are defined in section 202 of the Investment  
18           Advisers Act of 1940 (15 U.S.C. 80b-2)); or

19           “(C) a major United States commercial  
20           bank that—

21           “(i) is headquartered in the United  
22           States; and

23           “(ii) holds for the account of others  
24           investment assets in a total amount consid-  
25           ered by the Maritime Administrator to

1           qualify the bank as a major investment  
2           management firm.

3           “(4) QUALIFIED GUARANTEE.—The term  
4           ‘qualified guarantee’, with respect to a major  
5           project, means a guarantee that—

6                   “(A) is made by 1 or more persons in con-  
7                   nection with a donation for the project of a  
8                   total amount in cash or securities that the Mar-  
9                   itime Administrator determines is sufficient to  
10                  defray a substantial portion of the total cost of  
11                  the project;

12                   “(B) is made to facilitate or expedite the  
13                   completion of the project in reasonable anticipa-  
14                   tion that other donors will contribute sufficient  
15                   funds or other resources in amounts sufficient  
16                   to pay for completion of the project;

17                   “(C) is set forth as a written agreement  
18                   providing that the donor will furnish in cash or  
19                   securities, in addition to the donor’s other gift  
20                   or gifts for the project, any additional amount  
21                   that may become necessary for paying the cost  
22                   of completing the project by reason of a failure  
23                   to obtain from other donors or sources funds or  
24                   other resources in amounts sufficient to pay the  
25                   cost of completing the project; and

1 “(D) is accompanied by—

2 “(i) an irrevocable and unconditional  
3 standby letter of credit for the benefit of  
4 the United States Merchant Marine Acad-  
5 emy that is in the amount of the guarantee  
6 and is issued by a major United States  
7 commercial bank; or

8 “(ii) a qualified account control agree-  
9 ment.

10 “(5) QUALIFIED ACCOUNT CONTROL AGREE-  
11 MENT.—The term ‘qualified account control agree-  
12 ment’, with respect to a guarantee of a donor, means  
13 an agreement among the donor, the Maritime Ad-  
14 ministrator, and a major United States investment  
15 management firm that—

16 “(A) ensures the availability of sufficient  
17 funds or other financial resources to pay the  
18 amount guaranteed during the period of the  
19 guarantee;

20 “(B) provides for the perfection of a secu-  
21 rity interest in the assets of the account for the  
22 United States for the benefit of the United  
23 States Merchant Marine Academy with the  
24 highest priority available for liens and security  
25 interests under applicable law;

1           “(C) requires the donor to maintain in an  
2           account with the investment management firm  
3           assets having a total value that is not less than  
4           130 percent of the amount guaranteed; and

5           “(D) requires the investment management  
6           firm, whenever the value of the account is less  
7           than the value required to be maintained under  
8           subparagraph (C), to liquidate any noncash as-  
9           sets in the account and reinvest the proceeds in  
10          Treasury bills issued under section 3104 of title  
11          31.

12          “(b) ACCEPTANCE AUTHORITY.—Subject to sub-  
13          section (d), the Maritime Administrator may accept a  
14          qualified guarantee from a donor or donors for the comple-  
15          tion of a major project for the benefit of the United States  
16          Merchant Marine Academy.

17          “(c) OBLIGATION AUTHORITY.—The amount of a  
18          qualified guarantee accepted under this section shall be  
19          considered as contract authority to provide obligation au-  
20          thority for purposes of Federal fiscal and contractual re-  
21          quirements. Funds available for a project for which such  
22          a guarantee has been accepted may be obligated and ex-  
23          pended for the project without regard to whether the total  
24          amount of funds and other resources available for the

1 project (not taking into account the amount of the guar-  
2 antee) is sufficient to pay for completion of the project.

3 “(d) NOTICE.—The Maritime Administrator may not  
4 accept a qualified guarantee under this section for the  
5 completion of a major project until 30 days after the date  
6 on which a report of the facts concerning the proposed  
7 guarantee is submitted to Congress.

8 “(e) PROHIBITION ON COMMINGLING FUNDS.—The  
9 Maritime Administrator may not enter into any contract  
10 or other transaction involving the use of a qualified guar-  
11 antee and appropriated funds in the same contract or  
12 transaction.”.

13 (b) CLERICAL AMENDMENT.—The table of sections  
14 for chapter 513 of title 46, United States Code, is amend-  
15 ed by adding at the end the following:

“51320. Acceptance of guarantees with gifts for major projects.”.

16 **SEC. 3511. AUTHORITY TO PAY CONVEYANCE OR TRANSFER**  
17 **EXPENSES IN CONNECTION WITH ACCEPT-**  
18 **ANCE OF A GIFT TO THE UNITED STATES**  
19 **MERCHANT MARINE ACADEMY.**

20 Section 51315 of title 46, United States Code, is  
21 amended by inserting at the end the following:

22 “(f) PAYMENT OF EXPENSES.—The Maritime Ad-  
23 ministrator may pay all necessary expenses in connection  
24 with the conveyance or transfer of a gift, devise, or be-  
25 quest accepted under this section.”.

1 **SEC. 3512. AUTHORITY TO PARTICIPATE IN FEDERAL,**  
2 **STATE OR OTHER RESEARCH GRANTS.**

3 (a) RESEARCH GRANTS.—Chapter 513 of title 46,  
4 United States Code, as amended by sections 3510 of this  
5 title, is further amended by adding at the end the fol-  
6 lowing:

7 **“§ 51321. Grants for scientific and educational re-**  
8 **search**

9 “(a) DEFINED TERM.—In this section, the term  
10 ‘qualifying research grant’ is a grant that—

11 “(1) is awarded on a competitive basis by the  
12 Federal Government (except for the Department of  
13 Transportation), a State, a corporation, a fund, a  
14 foundation, an educational institution, or a similar  
15 entity that is organized and operated primarily for  
16 scientific or educational purposes; and

17 “(2) is to be used to carry out a research  
18 project with a scientific or educational purpose.

19 “(b) ACCEPTANCE OF QUALIFYING RESEARCH  
20 GRANTS.—The United States Merchant Marine Academy  
21 may compete for and accept qualifying research grants if  
22 the work under the grant is to be carried out by a pro-  
23 fessor or instructor of the United States Merchant Marine  
24 Academy.

25 “(c) ADMINISTRATION OF GRANT FUNDS.—

1           “(1) ESTABLISHMENT OF ACCOUNT.—The Mar-  
2           itime Administrator shall establish a separate ac-  
3           count for administering funds received from research  
4           grants under this section.

5           “(2) USE OF GRANT FUNDS.—The Super-  
6           intendent shall use grant funds deposited into the  
7           account established pursuant to paragraph (1) in ac-  
8           cordance with applicable regulations and the terms  
9           and conditions of the respective grants.

10          “(d) RELATED EXPENSES.—Subject to such limita-  
11          tions as may be provided in appropriations Acts, appro-  
12          priations available for the United States Merchant Marine  
13          Academy may be used to pay expenses incurred by the  
14          Academy in applying for, and otherwise pursuing, a quali-  
15          fying research grant.”.

16          (b) CLERICAL AMENDMENT.—The table of sections  
17          for chapter 513 of title 46, United States Code, as amend-  
18          ed by section 3510(b), is further amended by adding at  
19          the end the following:

          “51321. Grants for scientific and educational research.”.

20       **SEC. 3513. PROVISION OF SATELLITE COMMUNICATION DE-**  
21                                   **VICES DURING SEA YEAR PROGRAM.**

22          Section 3514 of the National Defense Authorization  
23          Act for Fiscal Year 2017 (Public Law 114–328; 46 U.S.C.  
24          51318 note) is amended—



1           (1) by striking “Not later than” and inserting  
2           the following:

3           “(a) VESSEL OPERATOR REQUIREMENTS.—Not later  
4 than”; and

5           (2) by adding at the end the following new sub-  
6           section:

7           “(b) PROVISION OF SATELLITE PHONE.—

8           “(1) IN GENERAL.—The Maritime Adminis-  
9           trator shall ensure that each cadet from the United  
10           States Merchant Marine Academy who is partici-  
11           pating in the Sea Year program is provided a func-  
12           tional satellite communication device. A cadet may  
13           not be denied from using the device whenever the  
14           student determines that use of the device is nec-  
15           essary to prevent or report sexual harassment or  
16           sexual assault.

17           “(2) CHECK-IN.—Not less often than once each  
18           week during a cadet’s participation in the Sea Year  
19           program, the cadet shall check-in with designated  
20           personnel at the Academy via the satellite commu-  
21           nication device provided under paragraph (1). A text  
22           message sent via the satellite device shall meet the  
23           requirement for a weekly check-in for purposes of  
24           this paragraph.”.

1 **SEC. 3514. ACTIONS TO ADDRESS SEXUAL HARASSMENT,**  
2 **DATING VIOLENCE, DOMESTIC VIOLENCE,**  
3 **SEXUAL ASSAULT, AND STALKING AT THE**  
4 **UNITED STATES MERCHANT MARINE ACAD-**  
5 **EMY.**

6 (a) EXPANSION OF REQUIRED POLICY.—Section  
7 51318(a) of title 46, United States Code, is amended—

8 (1) in paragraph (1), by striking “harassment  
9 and sexual assault” and inserting “harassment, dat-  
10 ing violence, domestic violence, sexual assault, and  
11 stalking”;

12 (2) in paragraph (2)—

13 (A) in the matter preceding subparagraph  
14 (A), by striking “harassment and sexual as-  
15 sault” and inserting “harassment, dating vio-  
16 lence, domestic violence, sexual assault, and  
17 stalking”;

18 (B) in subparagraph (A), by inserting “do-  
19 mestic violence, dating violence, stalking,” after  
20 “acquaintance rape,”;

21 (C) in subparagraph (B)—

22 (i) in the matter preceding clause (i),  
23 by striking “harassment or sexual as-  
24 sault,” and inserting “harassment, dating  
25 violence, domestic violence, sexual assault,  
26 or stalking,”;

1           (ii) in clause (i), by striking “harass-  
2           ment or sexual assault” and inserting  
3           “harassment, dating violence, domestic vio-  
4           lence, sexual assault, or stalking”; and

5           (iii) in clause (iii), by striking “crimi-  
6           nal sexual assault” and inserting “a crimi-  
7           nal sexual offense”;

8           (D) in subparagraph (D), by striking “har-  
9           assment or sexual assault” and inserting “har-  
10          assment, dating violence, domestic violence, sex-  
11          ual assault, or stalking”;

12          (E) in subparagraph (E)—

13           (i) in clause (i), by striking “harass-  
14           ment or sexual assault” and inserting  
15           “harassment, dating violence, domestic vio-  
16           lence, sexual assault, or stalking”;

17           (ii) in clause (ii), by striking “sexual  
18           assault” and inserting “sexual harassment,  
19           dating violence, domestic violence, sexual  
20           assault, or stalking”; and

21           (iii) in clause (iii), by striking “har-  
22           assment and sexual assault” and inserting  
23           “harassment, dating violence, domestic vio-  
24           lence, sexual assault, or stalking”; and

1 (F) in subparagraph (F), by striking “har-  
2 assment or sexual assault” and inserting “har-  
3 assment, dating violence, domestic violence, sex-  
4 ual assault, or stalking”;

5 (3) by redesignating paragraphs (3) and (4) as  
6 paragraphs (4) and (5), respectively;

7 (4) by inserting after paragraph (2) the fol-  
8 lowing new paragraph:

9 “(3) MINIMUM TRAINING REQUIREMENTS FOR  
10 CERTAIN INDIVIDUALS REGARDING SEXUAL HARASS-  
11 MENT, DATING VIOLENCE, DOMESTIC VIOLENCE,  
12 SEXUAL ASSAULT, AND STALKING.—

13 “(A) REQUIREMENT.—The Maritime Ad-  
14 ministrator shall direct the Superintendent of  
15 the United States Merchant Marine Academy to  
16 develop a mandatory training program at the  
17 Academy for each individual who is involved in  
18 implementing the Academy’s student discipli-  
19 nary grievance procedures, including each indi-  
20 vidual who is responsible for—

21 “(i) resolving complaints of reported  
22 sexual harassment, dating violence, domes-  
23 tic violence, sexual assault, and stalking;

1 “(ii) resolving complaints of reported  
2 violations of the sexual misconduct policy  
3 of the Academy; or

4 “(iii) conducting an interview with a  
5 victim of sexual harassment, dating vio-  
6 lence, domestic violence, sexual assault, or  
7 stalking.

8 “(B) CONSULTATION.—The Super-  
9 intendent shall develop the training program  
10 described in subparagraph (A) in consultation  
11 with national, State, or local sexual assault,  
12 dating violence, domestic violence, or stalking  
13 victim advocacy, victim services, or prevention  
14 organizations.

15 “(C) ELEMENTS.—The training required  
16 by subparagraph (A) shall include the following:

17 “(i) Information on working with and  
18 interviewing persons subjected to sexual  
19 harassment, dating violence, domestic vio-  
20 lence, sexual assault, or stalking.

21 “(ii) Information on particular types  
22 of conduct that would constitute sexual  
23 harassment, dating violence, domestic vio-  
24 lence, sexual assault, or stalking, regard-  
25 less of gender, including same-sex sexual

1 harassment, dating violence, domestic vio-  
2 lence, sexual assault, or stalking.

3 “(iii) Information on consent and the  
4 effect that drugs or alcohol may have on  
5 an individual’s ability to consent.

6 “(iv) Information on the effects of  
7 trauma, including the neurobiology of trau-  
8 ma.

9 “(v) Training regarding the use of  
10 trauma-informed interview techniques,  
11 which means asking questions of an indi-  
12 vidual who has been a victim of sexual har-  
13 assment, dating violence, domestic violence,  
14 sexual assault, or stalking in a manner  
15 that is focused on the experience of the vic-  
16 tim, does not judge or blame the victim,  
17 and is informed by evidence-based research  
18 on the neurobiology of trauma.

19 “(vi) Training on cultural awareness  
20 regarding how dating violence, domestic vi-  
21 olence, sexual assault, or stalking may im-  
22 pact midshipmen differently depending on  
23 their cultural background.

1           “(vii) Information on sexual assault  
2 dynamics, sexual assault perpetrator be-  
3 havior, and barriers to reporting.

4           “(D) IMPLEMENTATION.—

5           “(i) DEVELOPMENT AND APPROVAL  
6 SCHEDULE.—The training program re-  
7 quired by subparagraph (A) shall be devel-  
8 oped not later than 90 days after the date  
9 of the enactment of the National Defense  
10 Authorization Act for Fiscal Year 2018.

11           “(ii) COMPLETION OF TRAINING.—  
12 Each individual who is required to com-  
13 plete the training described in subpara-  
14 graph (A) shall complete such training not  
15 later than—

16           “(I) 270 days after the date of  
17 the enactment of the National De-  
18 fense Authorization Act for Fiscal  
19 Year 2018; or

20           “(II) 180 days after starting a  
21 position with responsibilities that in-  
22 clude the activities described in clause  
23 (i), (ii), or (iii) of subparagraph (A).”;  
24 and

1           (5) by inserting after paragraph (5), as so re-  
2           designated, the following new paragraph:

3           “(6) CONSISTENCY WITH THE HIGHER EDU-  
4           CATION ACT OF 1965.—The Secretary shall ensure  
5           that the policy developed under this subsection  
6           meets the requirements set out in section 485(f)(8)  
7           of the Higher Education Act of 1965 (20 U.S.C.  
8           1092(f)(8)).”.

9           (b) MINIMUM PROCEDURES FOR HANDLING RE-  
10          PORTS OF SEXUAL HARASSMENT, DATING VIOLENCE,  
11          DOMESTIC VIOLENCE, SEXUAL ASSAULT, OR STALK-  
12          ING.—Subsection (b) of section 51318 of title 46, United  
13          States Code, is amended to read as follows:

14          “(b) DEVELOPMENT PROGRAM.—

15                 “(1) IN GENERAL.—The Maritime Adminis-  
16                 trator shall ensure that the development program of  
17                 the Academy includes a section that—

18                         “(A) describes the relationship between  
19                         honor, respect, and character development and  
20                         the prevention of sexual harassment, dating vio-  
21                         lence, domestic violence, sexual assault, and  
22                         stalking at the Academy;

23                         “(B) includes a brief history of the prob-  
24                         lem of sexual harassment, dating violence, do-  
25                         mestic violence, sexual assault, and stalking in



1 the merchant marine, in the Armed Forces, and  
2 at the Academy; and

3 “(C) includes information relating to re-  
4 porting sexual harassment, dating violence, do-  
5 mestic violence, sexual assault, and stalking,  
6 victims’ rights, and dismissal for offenders.

7 “(2) MINIMUM REQUIREMENTS TO COMBAT RE-  
8 TALIACTION.—

9 “(A) REQUIREMENT FOR PLAN.—Not later  
10 than 90 days after the date of the enactment of  
11 the National Defense Authorization Act for Fis-  
12 cal Year 2018, the Maritime Administrator  
13 shall direct the Superintendent of the United  
14 States Merchant Marine Academy to implement  
15 and maintain a plan to combat retaliation  
16 against cadets at the Academy who report sex-  
17 ual harassment, dating violence, domestic vio-  
18 lence, sexual assault, or stalking.

19 “(B) VIOLATION OF CODE OF CONDUCT.—  
20 The Superintendent shall consider an act of re-  
21 taliation against a cadet at the Academy who  
22 reports sexual harassment, dating violence, do-  
23 mestic violence, sexual assault, or stalking as a  
24 Class I violation of the Midshipman Regulations  
25 of the Academy or equivalent code of conduct.

1           “(C) RETALIATION DEFINITION.—The Su-  
2           perintendent shall work with the sexual assault  
3           prevention and response staff of the Academy  
4           to define ‘retaliation’ for purposes of this sub-  
5           section.

6           “(3) MINIMUM RESOURCE REQUIREMENTS.—

7           “(A) IN GENERAL.—The Maritime Admin-  
8           istrator shall ensure the staff at the Academy  
9           are provided adequate and appropriate sexual  
10          harassment, dating violence, domestic violence,  
11          sexual assault, and stalking prevention and re-  
12          sponse training materials and resources. Such  
13          resources shall include staff as follows:

14                 “(i) Sexual assault response coordi-  
15                 nator.

16                 “(ii) Prevention educator.

17                 “(iii) Civil rights officer.

18                 “(iv) Staff member to oversee Sea  
19                 Year.

20           “(B) COMMUNICATION.—The Director of  
21           the Office of Civil Rights of the Maritime Ad-  
22           ministration shall create and maintain a direct  
23           line of communication to the sexual assault re-  
24           sponse staff of the Academy that is outside of  
25           the chain of command of the Academy.

1           “(4) MINIMUM TRAINING REQUIREMENTS.—

2           The Superintendent shall ensure that all cadets re-  
3           ceive training on the sexual harassment, dating vio-  
4           lence, domestic violence, sexual assault, and stalking  
5           prevention and response sections of the development  
6           program of the Academy, as described in paragraph  
7           (1), as follows:

8                   “(A) An initial training session, which  
9                   shall occur not later than 7 days after a cadet’s  
10                  initial arrival at the Academy.

11                   “(B) Additional training sessions, which  
12                   shall occur biannually following the cadet’s ini-  
13                   tial training session until the cadet graduates  
14                   or leaves the Academy.”.

15           (c) AGGREGATE REPORTING AND DEFINITIONS.—

16           Section 51318 of title 46, United States Code, is amended  
17           by adding at the end the following new subsections:

18                   “(e) DATA FOR AGGREGATE REPORTING.—

19                   “(1) IN GENERAL.—No requirement related to  
20                   confidentiality in this section or section 51319 of  
21                   this title may be construed to prevent a sexual as-  
22                   sault response coordinator from providing informa-  
23                   tion for any report required by law regarding sexual  
24                   harassment, dating violence, domestic violence, sex-  
25                   ual assault, or stalking.

1           “(2) IDENTITY PROTECTION.—Any information  
2           provided for a report referred to in paragraph (1)  
3           shall be provided in a manner that protects the iden-  
4           tity of the victim or witness.

5           “(f) DEFINITIONS.—In this section and section  
6 51319 of this title:

7           “(1) DATING VIOLENCE; DOMESTIC VIOLENCE;  
8           STALKING.—The terms ‘dating violence’, ‘domestic  
9           violence’, and ‘stalking’ have the meanings given  
10          those terms is section 40002(a) of the Violence  
11          Against Women Act of 1994 (42 U.S.C. 13925(a)).

12          “(2) SEXUAL ASSAULT.—The term ‘sexual as-  
13          sault’ means an offense classified as a forcible or  
14          nonforcible sex offense under the uniform crime re-  
15          porting system of the Federal Bureau of Investiga-  
16          tion.”.

17          (d) CLERICAL AMENDMENTS.—

18                 (1) SECTION HEADING.—The heading of section  
19                 51318 of title 46, United States Code, is amended  
20                 to read as follows:

21                 “**§ 51318. Policy on sexual harassment, dating vio-**  
22                         **lence, domestic violence, sexual assault,**  
23                         **and stalking”.**

24                 (2) TABLE OF SECTIONS.—The table of sections  
25                 for chapter 513 of title 46, United States Code, is

1 amended by striking the item relating to section  
2 51318 and inserting the following new item:

“51318. Policy on sexual harassment, dating violence, domestic violence, sexual assault, and stalking.”.

3 **SEC. 3515. SEXUAL ASSAULT PREVENTION AND RESPONSE**  
4 **STAFF FOR THE UNITED STATES MERCHANT**  
5 **MARINE ACADEMY.**

6 (a) IN GENERAL.—Section 51319 of title 46, United  
7 States Code, is amended—

8 (1) by redesignating subsection (b) as sub-  
9 section (c); and

10 (2) by striking subsection (a) and inserting the  
11 following new subsections:

12 “(a) SEXUAL ASSAULT RESPONSE COORDINA-  
13 TORS.—

14 “(1) REQUIREMENT FOR COORDINATORS.—The  
15 United States Merchant Marine Academy shall em-  
16 ploy or contract with at least 1 full-time sexual as-  
17 sault response coordinator who shall reside at or  
18 near the Academy. The Secretary of Transportation  
19 may assign additional full-time or part-time sexual  
20 assault response coordinators at the Academy as  
21 necessary.

22 “(2) SELECTION CRITERIA.—Each sexual as-  
23 sault response coordinator shall be selected based  
24 on—

1           “(A) experience and a demonstrated ability  
2           to effectively provide victim services related to  
3           sexual harassment, dating violence, domestic vi-  
4           olence, sexual assault, and stalking; and

5           “(B) protection of the individual under ap-  
6           plicable law to provide privileged communica-  
7           tion.

8           “(3) CONFIDENTIALITY.—A sexual assault re-  
9           sponse coordinator shall, to the extent authorized  
10          under applicable law, provide confidential services to  
11          a cadet at the Academy who reports being a victim  
12          of, or witness to, sexual harassment, dating violence,  
13          domestic violence, sexual assault, or stalking.

14          “(4) TRAINING.—

15                 “(A) VERIFICATION.—Not later than 90  
16                 days after the date of the enactment of the Na-  
17                 tional Defense Authorization Act for Fiscal  
18                 Year 2018, the Maritime Administrator, in con-  
19                 sultation with the Director of the Maritime Ad-  
20                 ministration Office of Civil Rights, shall develop  
21                 a process to verify that each sexual assault re-  
22                 sponse coordinator has completed proper train-  
23                 ing.

1           “(B) TRAINING REQUIREMENTS.—The  
2 training referred to in subparagraph (A) shall  
3 include training in—

4           “(i) working with victims of sexual  
5 harassment, dating violence, domestic vio-  
6 lence, sexual assault, and stalking;

7           “(ii) the policies, procedures, and re-  
8 sources of the Academy related to respond-  
9 ing to sexual harassment, dating violence,  
10 domestic violence, sexual assault, and  
11 stalking; and

12           “(iii) national, State, and local victim  
13 services and resources available to victims  
14 of sexual harassment, dating violence, do-  
15 mestic violence, sexual assault, and stalk-  
16 ing.

17           “(C) COMPLETION OF TRAINING.—A sex-  
18 ual assault response coordinator shall complete  
19 the training referred to in subparagraphs (A)  
20 and (B) not later than—

21           “(i) 270 days after enactment of the  
22 National Defense Authorization Act for  
23 Fiscal Year 2018; or

24           “(ii) 180 days after starting in the  
25 role of sexual assault response coordinator.

1           “(5) DUTIES.—A sexual assault response coordi-  
2           nator shall—

3                   “(A) confidentially receive a report from a  
4           victim of sexual harassment, dating violence,  
5           domestic violence, sexual assault, or stalking;

6                   “(B) inform the victim of—

7                           “(i) the victim’s rights under applica-  
8           ble law;

9                           “(ii) options for reporting an incident  
10          of sexual harassment, dating violence, do-  
11          mestic violence, sexual assault, or stalking  
12          to the Academy and law enforcement;

13                          “(iii) how to access available services,  
14          including emergency medical care, medical  
15          forensic or evidentiary examinations, legal  
16          services, services provided by rape crisis  
17          centers and other victim service providers,  
18          services provided by the volunteer sexual  
19          assault victim advocates at the Academy,  
20          and crisis intervention counseling and on-  
21          going counseling;

22                          “(iv) such coordinator’s ability to as-  
23          sist in arranging access to such services,  
24          with the consent of the victim;



1           “(v) available accommodations, such  
2           as allowing the victim to change living ar-  
3           rangements and obtain accessibility serv-  
4           ices;

5           “(vi) such coordinator’s ability to as-  
6           sist in arranging such accommodations,  
7           with the consent of the victim;

8           “(vii) the victim’s rights and the  
9           Academy’s responsibilities regarding orders  
10          of protection, no contact orders, restrain-  
11          ing orders, or similar lawful orders issued  
12          by the Academy or a criminal, civil, or  
13          tribal court; and

14          “(viii) privacy limitations under appli-  
15          cable law;

16          “(C) represent the interests of any cadet  
17          at the Academy who reports being a victim of  
18          sexual harassment, dating violence, domestic vi-  
19          olence, sexual assault, or stalking, even if such  
20          interests are in conflict with the interests of the  
21          Academy;

22          “(D) advise the victim of, and provide  
23          written materials regarding, the information de-  
24          scribed in subparagraph (B);

1           “(E) liaise with appropriate staff at the  
2 Academy, with the victim’s consent, to arrange  
3 reasonable accommodations through the Acad-  
4 emy to allow the victim to change living ar-  
5 rangements, obtain accessibility services, or ac-  
6 cess other accommodations;

7           “(F) maintain the privacy and confiden-  
8 tiality of the victim, and shall not notify the  
9 Academy or any other authority of the identity  
10 of the victim or the alleged circumstances sur-  
11 rounding the reported incident unless—

12                   “(i) otherwise required by applicable  
13 law;

14                   “(ii) requested to do so by the victim  
15 who has been fully and accurately informed  
16 about what procedures shall occur if the  
17 information is shared; or

18                   “(iii) notwithstanding clause (i) or  
19 clause (ii), there is risk of imminent harm  
20 to other individuals;

21           “(G) assist the victim in contacting and re-  
22 porting an incident of sexual harassment, dat-  
23 ing violence, domestic violence, sexual assault,  
24 or stalking to the Academy or law enforcement,  
25 if requested to do so by the victim who has been

1 fully and accurately informed about what proce-  
2 dures shall occur if information is shared; and

3 “(H) submit to the Director of the Mari-  
4 time Administration Office of Civil Rights an  
5 annual report summarizing how the resources  
6 supplied to the coordinator were used during  
7 the prior year, including the number of victims  
8 assisted by the coordinator.

9 “(b) OVERSIGHT.—

10 “(1) IN GENERAL.—

11 “(A) REPORTING.—Each sexual assault re-  
12 sponse coordinator shall—

13 “(i) report directly to the Super-  
14 intendent; and

15 “(ii) have concurrent reporting re-  
16 sponsibility to the Executive Director of  
17 the Maritime Administration on matters  
18 related to the Maritime Administration and  
19 the Department of Transportation and  
20 upon belief that the Academy leadership is  
21 acting inappropriately regarding sexual as-  
22 sault prevention and response matters.

23 “(B) SUPPORT.—The Maritime Adminis-  
24 tration Office of Civil Rights shall provide sup-  
25 port to the sexual assault response coordinator

1 at the Academy on all sexual harassment, dat-  
2 ing violence, domestic violence, sexual assault,  
3 or stalking prevention matters.

4 “(2) PROHIBITION ON INVESTIGATION BY THE  
5 ACADEMY.—Any request by a victim for an accom-  
6 modation, as described in subsection (a)(5)(E),  
7 made by a sexual assault response coordinator shall  
8 not trigger an investigation by the Academy, even if  
9 such coordinator deals only with matters relating to  
10 sexual harassment, dating violence, domestic vio-  
11 lence, sexual assault, or stalking.

12 “(3) PROHIBITION ON RETALIATION.—A sexual  
13 assault response coordinator, victim advocate, or  
14 companion may not be disciplined, penalized, or oth-  
15 erwise retaliated against by the Academy for rep-  
16 resenting the interests of the victim, even if such in-  
17 terests are in conflict with the interests of the Acad-  
18 emy.”.

19 (b) ACCESS OF ACADEMY CADETS TO DOD SAFE  
20 OR EQUIVALENT HELPLINE.—

21 (1) IN GENERAL.—The Secretary of Transpor-  
22 tation shall arrange for cadets at the United States  
23 Merchant Marine Academy to have access to, and  
24 use of, the Department of Defense SAFE Helpline  
25 or an equivalent helpline to report incidents of sex-

1 ual harassment, dating violence, domestic violence,  
2 sexual assault, or stalking.

3 (2) TRAINING.—The training provided to per-  
4 sonnel of the helpline to which cadets at the Acad-  
5 emy are given access shall include training on the  
6 resources available to cadets at the Academy in con-  
7 nection with sexual assault, sexual harassment, do-  
8 mestic violence, dating violence, and stalking.

9 (3) DEFINITIONS.—In this section, the terms  
10 “dating violence”, “domestic violence”, “sexual as-  
11 sault”, and “stalking” have the meanings given  
12 those terms in section 51318 of title 46, United  
13 States Code.

14 (c) REPEAL OF DUPLICATE REQUIREMENT.—Sub-  
15 section (c) of section 51319 of title 46, United States  
16 Code, as redesignated by subsection (a)(1), is amended—

17 (1) by striking paragraph (5);

18 (2) by redesignating paragraph (6) as para-  
19 graph (5); and

20 (3) in paragraph (5), as so redesignated, by  
21 striking “(3), (4), and (5)” and inserting “(3) and  
22 (4)”.

1 **SEC. 3516. PROTECTION OF CADETS AT THE UNITED**  
2 **STATES MERCHANT MARINE ACADEMY FROM**  
3 **SEXUAL ASSAULT ONBOARD COMMERCIAL**  
4 **VESSELS.**

5 (a) IN GENERAL.—Chapter 513 of title 46, United  
6 States Code, as amended by section 3512 of this title, is  
7 further amended by adding at the end the following new  
8 section:

9 **“§ 51322. Protection of cadets from sexual assault on-**  
10 **board vessels**

11 “(a) RIDING GANGS.—

12 “(1) CERTIFICATION OF COMPLIANCE.—The  
13 Maritime Administrator shall require the owner or  
14 operator of any commercial vessel that is carrying a  
15 cadet from the United States Merchant Marine  
16 Academy to certify compliance of the vessel with the  
17 International Convention for Safety of Life at Sea,  
18 1974 (32 UST 47) and section 8106 of this title.

19 “(2) INFORMATION FOR CADETS.—The Mari-  
20 time Administrator shall ensure that the Academy  
21 informs cadets preparing for Sea Year of the obliga-  
22 tions that vessel owners and operators have to pro-  
23 vide for the security of individuals aboard a vessel  
24 under United States law, including chapter 81 and  
25 section 70103(c) of this title.

26 “(b) CHECKS OF COMMERCIAL VESSELS.—

1           “(1) REQUIREMENT.—Not less frequently than  
2           biennially, staff of the Academy or staff of the Mari-  
3           time Administration shall conduct both random and  
4           targeted unannounced checks of not less than 10  
5           percent of the commercial vessels that host a cadet  
6           from the Academy.

7           “(2) REMOVAL OF STUDENTS.—If staff of the  
8           Academy or staff of the Maritime Administration de-  
9           termine that a commercial vessel is in violation of  
10          the sexual assault policy developed by the Academy  
11          through a check conducted under paragraph (1), the  
12          staff may—

13                 “(A) remove any cadet of the Academy  
14                 from the vessel; and

15                 “(B) report the violation to the owner or  
16                 operator of the vessel.

17          “(c) MAINTENANCE OF SEXUAL ASSAULT TRAINING  
18          RECORDS.—The Maritime Administrator shall require the  
19          owner or operator of a commercial vessel, or the seafarer  
20          union for a commercial vessel, to maintain records of sex-  
21          ual assault training for the crew and passengers of any  
22          vessel hosting a cadet from the Academy.

23          “(d) SEA YEAR SURVEY.—

24                 “(1) REQUIREMENT.—The Maritime Adminis-  
25                 trator shall require each cadet from the Academy,

1       upon completion of the cadet's Sea Year, to complete  
2       a survey regarding the environment and conditions  
3       during the Sea Year of the vessel to which the cadet  
4       was assigned.

5               “(2) AVAILABILITY.—The Maritime Adminis-  
6       trator shall make available to the public for each  
7       year—

8                       “(A) the questions used in the survey re-  
9                       quired by paragraph (1); and

10                      “(B) the aggregated data received from  
11                      such surveys.”.

12       (b) CLERICAL AMENDMENT.—The table of sections  
13       for chapter 513 of title 46, United States Code, as amend-  
14       ed by section 3512 of this title, is further amended by  
15       adding at the end the following new item:

“51322. Protection of cadets from sexual assault onboard vessels.”.

16       **SEC. 3517. TRAINING REQUIREMENT FOR SEXUAL ASSAULT**  
17                       **INVESTIGATORS.**

18       Each employee of the Office of Inspector General of  
19       the Department of Transportation who conducts investiga-  
20       tions and who is assigned to the Regional Investigations  
21       Office in New York, New York, shall—

22               (1) participate in specialized training in con-  
23       ducting sexual assault investigations; and

24               (2) attend at least 1 Federal Law Enforcement  
25       Training Center (FLETC) sexual assault investiga-



1       tion course, or equivalent sexual assault investiga-  
2       tion training course, as determined by the Inspector  
3       General, each year.

## 4       **DIVISION D—FUNDING TABLES**

### 5       **SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TA-** 6       **BLES.**

7       (a) **IN GENERAL.**—Whenever a funding table in this  
8       division specifies a dollar amount authorized for a project,  
9       program, or activity, the obligation and expenditure of the  
10      specified dollar amount for the project, program, or activ-  
11      ity is hereby authorized, subject to the availability of ap-  
12      propriations.

13      (b) **MERIT-BASED DECISIONS.**—A decision to com-  
14      mit, obligate, or expend funds with or to a specific entity  
15      on the basis of a dollar amount authorized pursuant to  
16      subsection (a) shall—

17              (1) be based on merit-based selection proce-  
18              dures in accordance with the requirements of sec-  
19              tions 2304(k) and 2374 of title 10, United States  
20              Code, or on competitive procedures; and

21              (2) comply with other applicable provisions of  
22              law.

23      (c) **RELATIONSHIP TO TRANSFER AND PROGRAM-**  
24      **MING AUTHORITY.**—An amount specified in the funding  
25      tables in this division may be transferred or repro-

1 grammed under a transfer or reprogramming authority  
 2 provided by another provision of this Act or by other law.  
 3 The transfer or reprogramming of an amount specified in  
 4 such funding tables shall not count against a ceiling on  
 5 such transfers or reprogrammings under section 1001 or  
 6 section 1512 of this Act or any other provision of law,  
 7 unless such transfer or reprogramming would move funds  
 8 between appropriation accounts.

9 (d) **APPLICABILITY TO CLASSIFIED ANNEX.**—This  
 10 section applies to any classified annex that accompanies  
 11 this Act.

12 (e) **ORAL AND WRITTEN COMMUNICATIONS.**—No  
 13 oral or written communication concerning any amount  
 14 specified in the funding tables in this division shall super-  
 15 sede the requirements of this section.

16 **TITLE XLI—PROCUREMENT**

Sec. 4101. Procurement.

Sec. 4102. Procurement for overseas contingency operations.

17 **SEC. 4101. PROCUREMENT.**

<b>SEC. 4101. PROCUREMENT</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
<b>AIRCRAFT PROCUREMENT, ARMY</b>			
<b>FIXED WING</b>			
002	UTILITY F/W AIRCRAFT .....	75,115	75,115
004	MQ-1 UAV .....	30,206	90,206
	UFR: ER Improved Gray Eagle Air Vehicles .....		[60,000]
<b>ROTARY</b>			
005	HELICOPTER, LIGHT UTILITY (LUH) .....	108,383	108,383
006	AH-64 APACHE BLOCK IIIA REMAN .....	725,976	764,976
	UFR: Procures remanufactured AH64Es .....		[39,000]
007	ADVANCE PROCUREMENT (CY) .....	170,910	170,910
008	AH-64 APACHE BLOCK IIIB NEW BUILD .....	374,100	647,800
	UFR: Procures AH-64E .....		[273,700]
009	ADVANCE PROCUREMENT (CY) .....	71,900	71,900
010	UH-60 BLACKHAWK M MODEL (MYP) .....	938,308	1,046,308
	Unfunded requirement—additional 5 for ARNG .....		[108,000]
011	ADVANCE PROCUREMENT (CY) .....	86,295	86,295
012	UH-60 BLACK HAWK A AND L MODELS .....	76,516	93,216
	Unfunded requirement—UH-60Vs .....		[16,700]
013	CH-47 HELICOPTER .....	202,576	557,076

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
	Emergent requirements—additional 4 CH-47F Block I .....		[108,000]
	Unfunded requirement—additional 4 MH-47Gs .....		[246,500]
014	ADVANCE PROCUREMENT (CY) .....	17,820	17,820
	<b>MODIFICATION OF AIRCRAFT</b>		
015	MQ-1 PAYLOAD (MIP) .....	5,910	21,910
	UFR: Procures of Common Sensor Payloads .....		[16,000]
016	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS) .....	15,000	15,000
017	GRAY EAGLE MODS2 .....	74,291	74,291
018	MULTI SENSOR ABN RECON (MIP) .....	68,812	98,287
	UFR: Procures of Electronic Intelligence (ELINT) upgrades .....		[29,475]
019	AH-64 MODS .....	238,141	382,941
	Unfunded requirement .....		[144,800]
020	CH-47 CARGO HELICOPTER MODS (MYP) .....	20,166	81,166
	Unfunded requirement .....		[61,000]
021	GRCS SEMA MODS (MIP) .....	5,514	5,514
022	ARL SEMA MODS (MIP) .....	11,650	11,650
023	EMARSS SEMA MODS (MIP) .....	15,279	15,279
024	UTILITY/CARGO AIRPLANE MODS .....	57,737	57,737
025	UTILITY HELICOPTER MODS .....	5,900	40,709
	Unfunded requirement .....		[34,809]
026	NETWORK AND MISSION PLAN .....	142,102	142,102
027	COMMS, NAV SURVEILLANCE .....	166,050	207,630
	Unfunded requirement—ARC-201D encrypted radios .....		[41,580]
028	GATM ROLLUP .....	37,403	37,403
029	RQ-7 UAV MODS .....	83,160	194,160
	UFR: Procures Shadow V2 BLK III systems .....		[111,000]
030	UAS MODS .....	26,109	26,429
	UFR: Procures OSRVT systems .....		[320]
	<b>GROUND SUPPORT AVIONICS</b>		
031	AIRCRAFT SURVIVABILITY EQUIPMENT .....	70,913	70,913
032	SURVIVABILITY CM .....	5,884	5,884
033	CMWS .....	26,825	51,825
	UFR: Limited Interim Missile Warning System (LIMWS) Quick Reaction Capability .....		[25,000]
034	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	6,337	31,337
	UFR: CIRCM B-Kits .....		[25,000]
	<b>OTHER SUPPORT</b>		
035	AVIONICS SUPPORT EQUIPMENT .....	7,038	7,038
036	COMMON GROUND EQUIPMENT .....	47,404	56,304
	Unfunded requirement—grow the Army .....		[1,800]
	Unfunded requirement—Non destructive test equip .....		[7,100]
037	AIRCREW INTEGRATED SYSTEMS .....	47,066	47,066
038	AIR TRAFFIC CONTROL .....	83,790	84,905
	UFR: Airspace Information System shelter and Alternate Workstation .....		[1,115]
039	INDUSTRIAL FACILITIES .....	1,397	1,397
040	LAUNCHER, 2.75 ROCKET .....	1,911	1,911
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY</b> .....	<b>4,149,894</b>	<b>5,500,793</b>
	<b>MISSILE PROCUREMENT, ARMY</b>		
	<b>SURFACE-TO-AIR MISSILE SYSTEM</b>		
001	LOWER TIER AIR AND MISSILE DEFENSE (AMD) .....	140,826	140,826
002	MSE MISSILE .....	1,106,040	1,106,040
003	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I .....	57,742	57,742
	<b>AIR-TO-SURFACE MISSILE SYSTEM</b>		
005	HELLFIRE SYS SUMMARY .....	94,790	104,790
	UFR: Procures maximum Hellfire missile .....		[10,000]
006	JOINT AIR-TO-GROUND MSLS (JAGM) .....	178,432	160,126
	Excess due to delays .....		[-18,306]
	<b>ANTI-TANK/ASSAULT MISSILE SYS</b>		
008	JAVELIN (AAWS-M) SYSTEM SUMMARY .....	110,123	257,423
	UFR: Procures additional Javelin .....		[147,300]
009	TOW 2 SYSTEM SUMMARY .....	85,851	85,851
010	ADVANCE PROCUREMENT (CY) .....	19,949	19,949
011	GUIDED MLRS ROCKET (GMLRS) .....	595,182	606,882
	Program reduction—unit cost savings .....		[-2,800]
	UFR: Tooling and practice rounds .....		[14,500]
012	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) .....	28,321	34,651
	UFR: Funds Reduced Range Practice Rockets .....		[6,330]
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) .....		435,728
	Unfunded requirement—ERI .....		[197,000]
	Unfunded requirement—grow the Army .....		[238,728]
014	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) .....		46,600
	Unfunded requirement .....		[46,600]
	<b>MODIFICATIONS</b>		
015	PATRIOT MODS .....	496,073	496,527
	UFR: Procures additional ELES .....		[454]
016	ATACMS MODS .....	186,040	186,040
017	GMLRS MOD .....	531	531

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
018	STINGER MODS .....	63,090	91,890
	UFR: Maximizes Stinger .....		[28,800]
019	AVENGER MODS .....	62,931	62,931
020	ITAS/TOW MODS .....	3,500	3,500
021	MLRS MODS .....	138,235	187,035
	UFR: Procures M270A1 MLRS launchers .....		[48,800]
022	HIMARS MODIFICATIONS .....	9,566	9,566
	<b>SPARES AND REPAIR PARTS</b>		
023	SPARES AND REPAIR PARTS .....	18,915	18,915
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
024	AIR DEFENSE TARGETS .....	5,728	5,728
026	PRODUCTION BASE SUPPORT .....	1,189	1,189
	<b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....	<b>3,403,054</b>	<b>4,120,460</b>
	<b>PROCUREMENT OF W&amp;TCV, ARMY</b>		
	<b>TRACKED COMBAT VEHICLES</b>		
001	BRADLEY PROGRAM .....		111,000
	UFR: Recap 1 Infantry Battalion Set of M2A4 .....		[111,000]
002	ARMORED MULTI PURPOSE VEHICLE (AMPV) .....	193,715	193,715
	<b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>		
004	STRYKER (MOD) .....	97,552	274,552
	UFR: Second SBCT set of 30mm .....		[177,000]
005	STRYKER UPGRADE .....		348,000
	Unfunded requirement – completes 4th DVH SBCT .....		[348,000]
006	BRADLEY PROGRAM (MOD) .....	444,851	444,851
007	M109 FOV MODIFICATIONS .....	64,230	64,230
008	PALADIN INTEGRATED MANAGEMENT (PIM) .....	646,413	646,413
009	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) .....	72,402	194,402
	UFR: Procures one ABCT set of HERCULES (M88A2) .....		[122,000]
010	ASSAULT BRIDGE (MOD) .....	5,855	5,855
011	ASSAULT BREACHER VEHICLE .....	34,221	64,221
	UFR: Procures Assault Breacher Vehicles, Combat Dozer Blades, Full Width Mine Plows. ....		[30,000]
012	M88 FOV MODS .....	4,826	4,826
013	JOINT ASSAULT BRIDGE .....	128,350	128,350
014	M1 ABRAMS TANK (MOD) .....	248,826	419,826
	UFR: Completes the first Brigade set of Trophy (NDI APS) for Abrams w/ ERI OCO (1 APS Set). ....		[171,000]
015	ABRAMS UPGRADE PROGRAM .....	275,000	650,000
	UFR: Recapitalization of 29 Abrams tanks to M1A2SEPv3 .....		[375,000]
	<b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>		
018	M240 MEDIUM MACHINE GUN (7.62MM) .....	1,992	3,292
	UFR: Procures additional .....		[1,300]
019	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S .....	6,520	26,520
	UFR: Procures M3E1 light weight Carl Gustaf weapon systems .....		[20,000]
020	MORTAR SYSTEMS .....	21,452	34,552
	UFR: Procures M121 120mm Mortars .....		[13,100]
021	XM320 GRENADE LAUNCHER MODULE (GLM) .....	4,524	5,323
	UFR: Procures M320A1 40mm Grenade Launchers .....		[799]
023	CARBINE .....	43,150	51,150
	UFR: Procures M4A1 carbines .....		[8,000]
024	COMMON REMOTELY OPERATED WEAPONS STATION .....	750	10,750
	UFR: Accelerate CROWS modifications .....		[10,000]
025	HANDGUN .....	8,326	8,704
	UFR: Procures Modular Handgun Systems .....		[378]
	<b>MOD OF WEAPONS AND OTHER COMBAT VEH</b>		
026	MK-19 GRENADE MACHINE GUN MODS .....	2,000	2,000
027	M777 MODS .....	3,985	89,772
	UFR: Funds M777 lightweight towed howitzers .....		[85,787]
028	M4 CARBINE MODS .....	31,315	31,315
029	M2 50 CAL MACHINE GUN MODS .....	47,414	52,364
	UFR: Procures M2A1 .50cal machine .....		[2,350]
	UFR: Procures Mk93 MG mounts, M2A1 .50cal MGs, M205 tripods .....		[2,600]
030	M249 SAW MACHINE GUN MODS .....	3,339	3,339
031	M240 MEDIUM MACHINE GUN MODS .....	4,577	11,159
	UFR: Procures M192 tripods, M240B 7.62mm, M240L 7.62mm, Gun Optics .....		[6,582]
032	SNIPER RIFLES MODIFICATIONS .....	1,488	1,488
033	M119 MODIFICATIONS .....	12,678	12,678
034	MORTAR MODIFICATION .....	3,998	3,998
035	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) .....	2,219	2,219
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
036	ITEMS LESS THAN \$5.0M (WOCV-WTCV) .....	5,075	7,775
	UFR: Procures M150 Rifle Combat Optic (RCO); M68 Close Combat Optics (CCO). ....		[2,700]
037	PRODUCTION BASE SUPPORT (WOCV-WTCV) .....	992	992
039	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) .....	1,573	1,573
	<b>UNDISTRIBUTED</b>		
042	UNDISTRIBUTED .....		1,200

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
	Security Force Assistance Brigade .....		[1,200]
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....	<b>2,423,608</b>	<b>3,912,404</b>
	<b>PROCUREMENT OF AMMUNITION, ARMY</b>		
	<b>SMALL/MEDIUM CAL AMMUNITION</b>		
001	CTG, 5.56MM, ALL TYPES .....	39,767	46,867
	UFR: Additional ammunition .....		[7,100]
002	CTG, 7.62MM, ALL TYPES .....	46,804	61,704
	UFR: Additional ammunition .....		[14,900]
003	CTG, HANDGUN, ALL TYPES .....	10,413	10,503
	UFR: Additional ammunition .....		[90]
004	CTG, .50 CAL, ALL TYPES .....	62,837	71,727
	UFR: Additional ammunition .....		[8,890]
005	CTG, 20MM, ALL TYPES .....	8,208	8,208
006	CTG, 25MM, ALL TYPES .....	8,640	40,502
	UFR: Additional ammunition .....		[31,862]
007	CTG, 30MM, ALL TYPES .....	76,850	79,000
	UFR: Additional ammunition .....		[2,150]
008	CTG, 40MM, ALL TYPES .....	108,189	125,380
	UFR: Additional ammunition .....		[17,191]
	<b>MORTAR AMMUNITION</b>		
009	60MM MORTAR, ALL TYPES .....	57,359	59,859
	UFR: Additional ammunition .....		[2,500]
010	81MM MORTAR, ALL TYPES .....	49,471	52,580
	Unfunded requirement .....		[3,109]
011	120MM MORTAR, ALL TYPES .....	91,528	109,720
	UFR: Additional 120mm .....		[18,192]
	<b>TANK AMMUNITION</b>		
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES .....	133,500	173,800
	UFR: Additional Tank cartridge .....		[40,300]
	<b>ARTILLERY AMMUNITION</b>		
013	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES .....	44,200	44,200
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES .....	187,149	346,330
	UFR: Additional ammunition .....		[159,181]
015	PROJ 155MM EXTENDED RANGE M982 .....	49,000	232,500
	UFR: Excalibur .....		[183,500]
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....	83,046	163,768
	UFR: Additional PGK, prop charges, artillery fuzes .....		[48,601]
	UFR: Required to execute simultaneous OPLAN .....		[32,121]
	<b>MINES</b>		
017	MINES & CLEARING CHARGES, ALL TYPES .....	3,942	6,942
	UFR: Additional ammunition .....		[3,000]
	<b>ROCKETS</b>		
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....	5,000	66,881
	UFR: Additional rockets, grenades .....		[61,881]
020	ROCKET, HYDRA 70, ALL TYPES .....	161,155	229,155
	UFR: Additional APKWS .....		[68,000]
	<b>OTHER AMMUNITION</b>		
021	CAD/PAD, ALL TYPES .....	7,441	7,441
022	DEMOLITION MUNITIONS, ALL TYPES .....	19,345	21,606
	UFR: Additional munitions .....		[2,261]
023	GRENADES, ALL TYPES .....	22,759	48,120
	UFR: Additional ammunition .....		[25,361]
024	SIGNALS, ALL TYPES .....	2,583	3,412
	UFR: Additional signal munitions .....		[829]
025	SIMULATORS, ALL TYPES .....	13,084	13,534
	UFR: Additional signal munitions .....		[450]
	<b>MISCELLANEOUS</b>		
026	AMMO COMPONENTS, ALL TYPES .....	12,237	12,237
027	NON-LETHAL AMMUNITION, ALL TYPES .....	1,500	1,650
	UFR: Non-Lethal Hand Grenade Munitions .....		[150]
028	ITEMS LESS THAN \$5 MILLION (AMMO) .....	10,730	14,395
	UFR: Additional ammunition .....		[3,665]
029	AMMUNITION PECULIAR EQUIPMENT .....	16,425	16,425
030	FIRST DESTINATION TRANSPORTATION (AMMO) .....	15,221	15,221
	<b>PRODUCTION BASE SUPPORT</b>		
032	INDUSTRIAL FACILITIES .....	329,356	429,356
	UFR: Upgrade at GOCO Army ammunition plants .....		[100,000]
033	CONVENTIONAL MUNITIONS DEMILITARIZATION .....	197,825	197,825
034	ARMS INITIATIVE .....	3,719	3,719
	<b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....	<b>1,879,283</b>	<b>2,714,567</b>
	<b>OTHER PROCUREMENT, ARMY</b>		
	<b>TACTICAL VEHICLES</b>		
001	TACTICAL TRAILERS/DOLLY SETS .....	9,716	9,716
002	SEMITRAILERS, FLATBED: .....	14,151	36,151
	UFR: Procures 100 % of equipment shortage in Europe for M872 .....		[22,000]
003	AMBULANCE, 4 LITTER, 5/4 TON, 4X4 .....	53,000	68,000

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
Line	Item	FY 2018 Request	Conference Authorized
	UFR: Procures HMMWV ambulances .....		[15,000]
004	GROUND MOBILITY VEHICLES (GMV) .....	40,935	40,935
006	JOINT LIGHT TACTICAL VEHICLE .....	804,440	804,440
007	TRUCK, DUMP, 20T (CCE) .....	967	967
008	FAMILY OF MEDIUM TACTICAL VEH (FMTV) .....	78,650	241,944
	UFR: Procures vehicles .....		[154,100]
	Unfunded requirement—trailers .....		[9,194]
009	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP .....	19,404	19,404
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) .....	81,656	88,784
	UFR: Procures Forward Repair Systems (FRS) .....		[7,128]
011	PLS ESP .....	7,129	59,729
	UFR: Provides transportation of ammunition and break-bulk cargo .....		[52,600]
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....		112,250
	Unfunded requirement .....		[112,250]
013	TACTICAL WHEELED VEHICLE PROTECTION KITS .....	43,040	43,040
014	MODIFICATION OF IN SVC EQUIP .....	83,940	157,792
	UFR: Additional Buffalo and MMPV .....		[73,852]
<b>NON-TACTICAL VEHICLES</b>			
016	HEAVY ARMORED SEDAN .....	269	269
017	PASSENGER CARRYING VEHICLES .....	1,320	1,320
018	NONTACTICAL VEHICLES, OTHER .....	6,964	6,964
<b>COMM—JOINT COMMUNICATIONS</b>			
019	WIN-T—GROUND FORCES TACTICAL NETWORK .....	420,492	420,492
020	SIGNAL MODERNIZATION PROGRAM .....	92,718	92,718
021	TACTICAL NETWORK TECHNOLOGY MOD IN SVC .....	150,497	227,997
	Program reduction .....		[-10,000]
	Unfunded requirement .....		[87,500]
022	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY .....	6,065	6,065
023	JCSE EQUIPMENT (USREDCOM) .....	5,051	5,051
<b>COMM—SATELLITE COMMUNICATIONS</b>			
024	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS .....	161,383	161,383
025	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS .....	62,600	62,600
026	SHF TERM .....	11,622	11,622
028	SMART-T (SPACE) .....	6,799	6,799
029	GLOBAL BRDCST SVC—GBS .....	7,065	7,065
031	ENROUTE MISSION COMMAND (EMC) .....	21,667	21,667
<b>COMM—COMBAT SUPPORT COMM</b>			
033	MOD-IN-SERVICE PROFILER .....	70	70
<b>COMM—C3 SYSTEM</b>			
034	ARMY GLOBAL CMD & CONTROL SYS (AGCCS) .....	2,658	2,658
<b>COMM—COMBAT COMMUNICATIONS</b>			
036	HANDHELD MANPACK SMALL FORM FIT (HMS) .....	355,351	363,760
	Unfunded requirement .....		[8,409]
037	MID-TIER NETWORKING VEHICULAR RADIO (MNVr) .....	25,100	25,100
038	RADIO TERMINAL SET, MIDS LVT(2) .....	11,160	11,160
040	TRACTOR DESK .....	2,041	2,041
041	TRACTOR RIDE .....	5,534	13,734
	UFR: Procurement of Offensive Cyber Operations .....		[8,200]
042	SPIDER APLA REMOTE CONTROL UNIT .....	996	996
043	SPIDER FAMILY OF NETWORKED MUNITIONS INCR .....	4,500	6,858
	UFR: Procures SPIDER INC 1A systems .....		[2,358]
045	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM .....	4,411	4,411
046	UNIFIED COMMAND SUITE .....	15,275	15,275
047	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE .....	15,964	15,964
<b>COMM—INTELLIGENCE COMM</b>			
049	CI AUTOMATION ARCHITECTURE .....	9,560	9,560
050	DEFENSE MILITARY DECEPTION INITIATIVE .....	4,030	4,030
<b>INFORMATION SECURITY</b>			
054	COMMUNICATIONS SECURITY (COMSEC) .....	107,804	130,667
	UFR: Security Data System and End Cryptographic Units .....		[22,863]
055	DEFENSIVE CYBER OPERATIONS .....	53,436	61,436
	UFR: Funds Deployable DCO Systems for COMPO 2&3 Cyber Protection Teams .....		[8,000]
056	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO .....	690	690
057	PERSISTENT CYBER TRAINING ENVIRONMENT .....	4,000	4,000
<b>COMM—LONG HAUL COMMUNICATIONS</b>			
058	BASE SUPPORT COMMUNICATIONS .....	43,751	43,751
<b>COMM—BASE COMMUNICATIONS</b>			
059	INFORMATION SYSTEMS .....	118,101	118,101
060	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM .....	4,490	4,490
061	HOME STATION MISSION COMMAND CENTERS (HSMCC) .....	20,050	20,050
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....	186,251	186,251
<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>			
065	JTT/CIBS-M .....	12,154	19,754
	UFR: Procures critical spare parts .....		[7,600]
068	DCGS-A (MIP) .....	274,782	274,782
070	TROJAN (MIP) .....	16,052	29,212
	UFR: Procures TROJAN SPIRIT .....		[13,160]

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....	51,034	51,034
072	CI HUMINT AUTO REPRTING AND COLL(CHARCS) .....	7,815	7,815
073	CLOSE ACCESS TARGET RECONNAISSANCE (CATR) .....	8,050	8,050
074	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM-M .....	567	567
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>		
076	LIGHTWEIGHT COUNTER MORTAR RADAR .....	20,459	20,459
077	EW PLANNING & MANAGEMENT TOOLS (EWPMT) .....	5,805	5,805
078	AIR VIGILANCE (AV) .....	5,348	5,348
079	CREW .....		17,500
	Unfunded requirement—EOD DR SKOs .....		[17,500]
080	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIE .....		5,000
	Unfunded requirement .....		[5,000]
081	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....	469	469
082	CI MODERNIZATION .....	285	285
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>		
083	SENTINEL MODS .....	28,491	100,491
	UFR: Procures additional Sentinel Radars .....		[72,000]
084	NIGHT VISION DEVICES .....	166,493	229,389
	UFR: Accelerates fielding of the LTLM .....		[15,749]
	Unfunded requirement—grow the Army .....		[47,147]
085	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....	13,947	16,097
	UFR: Procures Small Tactical Optical Rifle Mounted laser range finder .....		[2,150]
087	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....	21,380	598,613
	UFR: IFPC/Averger Battalions and Warn Suites .....		[577,233]
088	FAMILY OF WEAPON SIGHTS (FWS) .....	59,105	59,105
089	ARTILLERY ACCURACY EQUIP .....	2,129	2,129
091	JOINT BATTLE COMMAND—PLATFORM (JBC-P) .....	282,549	342,649
	UFR: Replenishes Joint Battle Command- Platform .....		[60,100]
092	JOINT EFFECTS TARGETING SYSTEM (JETS) .....	48,664	48,664
093	MOD OF IN-SVC EQUIP (LLDR) .....	5,198	5,198
094	COMPUTER BALLISTICS: LHMCB XM32 .....	8,117	8,117
095	MORTAR FIRE CONTROL SYSTEM .....	31,813	47,513
	UFR: Procures Mortar Fire Control systems (M95, M96) .....		[15,700]
096	COUNTERFIRE RADARS .....	329,057	393,257
	UFR: Procures AN/TPQ-53 Counterfire Target Acquisition Radar System .....		[64,200]
	<b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>		
097	FIRE SUPPORT C2 FAMILY .....	8,700	13,458
	UFR: Additional Advanced Field Artillery Tactical Data System (AFATDS) ...		[4,758]
098	AIR & MSL DEFENSE PLANNING & CONTROL SYS .....	26,635	123,613
	UFR: Supports fielding (AMD) mission command assets to a Army Corps HQ		[96,978]
100	LIFE CYCLE SOFTWARE SUPPORT (LCSS) .....	1,992	1,992
101	NETWORK MANAGEMENT INITIALIZATION AND SERVICE .....	15,179	15,179
102	MANEUVER CONTROL SYSTEM (MCS) .....	132,572	137,174
	UFR: Tactical Mission Command Equipment .....		[4,602]
103	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A) .....	37,201	37,201
104	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP) .....	16,140	16,140
105	RECONNAISSANCE AND SURVEYING INSTRUMENT SET .....	6,093	20,848
	UFR: Procures Engineer Instrument Set Field Reconnaissance and Survey Kits.		[14,755]
106	MOD OF IN-SVC EQUIPMENT (ENFIRE) .....	1,134	1,134
	<b>ELECT EQUIP—AUTOMATION</b>		
107	ARMY TRAINING MODERNIZATION .....	11,575	11,575
108	AUTOMATED DATA PROCESSING EQUIP .....	91,983	91,983
109	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM .....	4,465	4,465
110	HIGH PERF COMPUTING MOD PGM (HPCMP) .....	66,363	66,363
111	CONTRACT WRITING SYSTEM .....	1,001	1,001
112	RESERVE COMPONENT AUTOMATION SYS (RCAS) .....	26,183	26,183
	<b>ELECT EQUIP—AUDIO VISUAL SYS (A/V)</b>		
113	TACTICAL DIGITAL MEDIA .....	4,441	4,441
114	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) .....	3,414	16,414
	UFR: Accelerate procurement of Global Positioning System-Survey .....		[3,000]
	UFR: Procures Automated Integrated Survey Instrument (AIS) systems .....		[10,000]
	<b>ELECT EQUIP—SUPPORT</b>		
115	PRODUCTION BASE SUPPORT (C-E) .....	499	499
116	BCT EMERGING TECHNOLOGIES .....	25,050	25,050
	<b>CLASSIFIED PROGRAMS</b>		
116A	CLASSIFIED PROGRAMS .....	4,819	4,819
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>		
117	PROTECTIVE SYSTEMS .....	1,613	1,613
118	FAMILY OF NON-LETHAL EQUIPMENT (FNLE) .....	9,696	9,696
120	CBRN DEFENSE .....	11,110	11,110
	<b>BRIDGING EQUIPMENT</b>		
121	TACTICAL BRIDGING .....	16,610	16,610
122	TACTICAL BRIDGE, FLOAT-RIBBON .....	21,761	43,761
	UFR: Procures Bridge Erection Boats .....		[22,000]
124	COMMON BRIDGE TRANSPORTER (CBT) RECAP .....	21,046	61,446
	UFR: Procure Common Bridge Transporters .....		[40,400]
	<b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>		

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
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125	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST .....	5,000	10,600
	UFR: Procures hand held mine detectors .....		[5,600]
126	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS) .....	32,442	43,242
	UFR: Equipment for 15th and 16th ABCT .....		[10,800]
127	AREA MINE DETECTION SYSTEM (AMDS) .....	10,571	10,571
128	HUSKY MOUNTEDE DETECTION SYSTEM (HMDS) .....	21,695	24,095
	UFR: Procures Husky Mounted Detection System .....		[2,400]
129	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS) .....	4,516	19,616
	UFR: Procures M160s .....		[15,100]
130	EOD ROBOTICS SYSTEMS RECAPITALIZATION .....	10,073	15,073
	UFR: Procures the Talon 5A robot .....		[5,000]
131	ROBOTICS AND APPLIQUE SYSTEMS .....	3,000	3,000
133	REMOTE DEMOLITION SYSTEMS .....	5,847	7,039
	UFR: Procures Radio Frequency Remote Activated Munitions .....		[1,192]
134	< \$5M. COUNTERMINE EQUIPMENT .....	1,530	1,530
135	FAMILY OF BOATS AND MOTORS .....	4,302	4,302
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>		
136	HEATERS AND ECUS .....	7,405	16,461
	UFR: Procures Improved Environmental Control Units .....		[9,056]
137	SOLDIER ENHANCEMENT .....	1,095	1,095
138	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....	5,390	5,390
139	GROUND SOLDIER SYSTEM .....	38,219	42,808
	UFR: Procures NETT Warrior .....		[4,589]
140	MOBILE SOLDIER POWER .....	10,456	12,018
	UFR: Procures ISPDS-C systems for a Security Forces Assistance Bde .....		[1,562]
142	FIELD FEEDING EQUIPMENT .....	15,340	29,740
	UFR: BCT support equipment .....		[14,400]
143	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....	30,607	30,607
144	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS .....	10,426	18,900
	UFR: Engineering equipment .....		[8,474]
	<b>PETROLEUM EQUIPMENT</b>		
146	QUALITY SURVEILLANCE EQUIPMENT .....	6,903	6,903
147	DISTRIBUTION SYSTEMS, PETROLEUM & WATER .....	47,597	47,597
	<b>MEDICAL EQUIPMENT</b>		
148	COMBAT SUPPORT MEDICAL .....	43,343	43,343
	<b>MAINTENANCE EQUIPMENT</b>		
149	MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....	33,774	47,070
	UFR: Shop equipment .....		[13,296]
150	ITEMS LESS THAN \$5.0M (MAINT EQ) .....	2,728	3,682
	UFR: Additional equipment for growing Army .....		[954]
	<b>CONSTRUCTION EQUIPMENT</b>		
151	GRADER, ROAD MTZD, HVY, 6X4 (CCE) .....	989	15,719
	UFR: Procures 48 Graders for the 16th ABCT .....		[14,730]
152	SCRAPERS, EARTHMOVING .....	11,180	11,180
154	TRACTOR, FULL TRACKED .....		48,679
	Unfunded requirement—T9 Dozers .....		[48,679]
155	ALL TERRAIN CRANES .....	8,935	11,935
	UFR: Procures cranes to support bridging assets .....		[3,000]
157	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....	64,339	84,899
	UFR: Procures HMEE for the 16th ABCT .....		[20,560]
158	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP .....	2,563	2,563
160	CONST EQUIP ESP .....	19,032	26,032
	UFR: Procures Engineer Mission Module—Water Distributors and 31 Vibratory Rollers.		[7,000]
161	ITEMS LESS THAN \$5.0M (CONST EQUIP) .....	6,899	11,911
	UFR: Procures 2 Vibratory Plate Compactors (VPC) for the 16th ABCT .....		[5,012]
	<b>RAIL FLOAT CONTAINERIZATION EQUIPMENT</b>		
162	ARMY WATERCRAFT ESP .....	20,110	20,110
163	ITEMS LESS THAN \$5.0M (FLOAT/RAIL) .....	2,877	2,877
	<b>GENERATORS</b>		
164	GENERATORS AND ASSOCIATED EQUIP .....	115,635	132,845
	UFR: Additional equipment for growing Army .....		[17,210]
165	TACTICAL ELECTRIC POWER RECAPITALIZATION .....	7,436	7,436
	<b>MATERIAL HANDLING EQUIPMENT</b>		
166	FAMILY OF FORKLIFTS .....	9,000	10,635
	UFR: Procures additional 5K LCRTF .....		[1,635]
	<b>TRAINING EQUIPMENT</b>		
167	COMBAT TRAINING CENTERS SUPPORT .....	88,888	126,638
	Unfunded requirement .....		[37,750]
168	TRAINING DEVICES, NONSYSTEM .....	285,989	285,989
169	CLOSE COMBAT TACTICAL TRAINER .....	45,718	45,718
170	AVIATION COMBINED ARMS TACTICAL TRAINER .....	30,568	30,568
171	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING .....	5,406	5,406
	<b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>		
172	CALIBRATION SETS EQUIPMENT .....	5,564	5,564
173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....	30,144	30,144
174	TEST EQUIPMENT MODERNIZATION (TEMOD) .....	7,771	7,771
	<b>OTHER SUPPORT EQUIPMENT</b>		



<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
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175	M25 STABILIZED BINOCULAR .....	3,956	3,956
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	5,000	10,000
	UFR: Support 10 initiatives per year .....		[5,000]
177	PHYSICAL SECURITY SYSTEMS (OPA3) .....	60,047	60,047
178	BASE LEVEL COMMON EQUIPMENT .....	13,239	13,239
179	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) .....	60,192	99,432
	UFR: Additional support equipment .....		[39,240]
180	PRODUCTION BASE SUPPORT (OTH) .....	2,271	2,271
181	SPECIAL EQUIPMENT FOR USER TESTING .....	5,319	5,319
182	TRACTOR YARD .....	5,935	5,935
	<b>OPA2</b>		
184	INITIAL SPARES—C&E .....	38,269	38,269
	<b>UNDISTRIBUTED</b>		
185	UNDISTRIBUTED .....		56,000
	Security Force Assistance Brigade .....		[56,000]
	<b>TOTAL OTHER PROCUREMENT, ARMY</b> .....	<b>6,469,331</b>	<b>8,485,056</b>
	<b>JOINT IMPROVISED-THREAT DEFEAT FUND</b>		
	<b>NETWORK ATTACK</b>		
001	RAPID ACQUISITION AND THREAT RESPONSE .....	14,442	14,442
	<b>TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND</b> .....	<b>14,442</b>	<b>14,442</b>
	<b>AIRCRAFT PROCUREMENT, NAVY</b>		
	<b>COMBAT AIRCRAFT</b>		
002	F/A-18E/F (FIGHTER) HORNET .....	1,200,146	1,939,146
	UFR: Additional F/A-18 E/F Super Hornets .....		[739,000]
003	ADVANCE PROCUREMENT (CY) .....	52,971	52,971
004	JOINT STRIKE FIGHTER CV .....	582,324	1,382,324
	UFR: Additional F-35C (Navy) .....		[540,000]
	UFR: Additional F-35C (USMC) .....		[260,000]
005	ADVANCE PROCUREMENT (CY) .....	263,112	263,112
006	JSF STOVL .....	2,398,139	2,923,739
	UFR: Additional F-35B .....		[525,600]
007	ADVANCE PROCUREMENT (CY) .....	413,450	413,450
008	CH-53K (HEAVY LIFT) .....	567,605	567,605
009	ADVANCE PROCUREMENT (CY) .....	147,046	147,046
010	V-22 (MEDIUM LIFT) .....	677,404	1,199,404
	UFR: Additional MV-22/V-22 .....		[166,000]
	UFR: Additional MV-22B .....		[356,000]
011	ADVANCE PROCUREMENT (CY) .....	27,422	27,422
012	H-1 UPGRADES (UH-1Y/AH-1Z) .....	678,429	898,929
	UFR: Additional AH-1Z .....		[220,500]
013	ADVANCE PROCUREMENT (CY) .....	42,082	42,082
016	P-8A POSEIDON .....	1,245,251	1,751,751
	UFR: Additional P-8A Poseidon .....		[506,500]
017	ADVANCE PROCUREMENT (CY) .....	140,333	140,333
018	E-2D ADV HAWKEYE .....	733,910	733,910
019	ADVANCE PROCUREMENT (CY) .....	102,026	102,026
	<b>OTHER AIRCRAFT</b>		
022	KC-130J .....	129,577	484,877
	UFR: Additional KC-130J .....		[355,300]
023	ADVANCE PROCUREMENT (CY) .....	25,497	25,497
024	MQ-4 TRITON .....	522,126	517,126
	Excess cost growth .....		[-5,000]
025	ADVANCE PROCUREMENT (CY) .....	57,266	57,266
026	MQ-8 UAV .....	49,472	49,472
027	STUASL0 UAV .....	880	60,080
	UFR: Procure additional aircraft .....		[59,200]
	<b>MODIFICATION OF AIRCRAFT</b>		
030	AEA SYSTEMS .....	52,960	52,960
031	AV-8 SERIES .....	43,555	43,555
032	ADVERSARY .....	2,565	2,565
033	F-18 SERIES .....	1,043,661	992,211
	F/A-18 Infrared Search and Track (IRST) Block 1 system .....		[-100,000]
	UFR: ALQ-214 USMC Retrofit .....		[32,550]
	UFR: ALR-67 Retrofit A-KITS and Partial B-Kits .....		[16,000]
034	H-53 SERIES .....	38,712	38,712
035	SH-60 SERIES .....	95,333	95,333
036	H-1 SERIES .....	101,886	101,886
037	EP-3 SERIES .....	7,231	7,231
038	P-3 SERIES .....	700	700
039	E-2 SERIES .....	97,563	97,563
040	TRAINER A/C SERIES .....	8,184	8,184
041	C-2A .....	18,673	18,673
042	C-130 SERIES .....	83,541	83,541
043	FEWSG .....	630	630
044	CARGO/TRANSPORT A/C SERIES .....	10,075	10,075
045	E-6 SERIES .....	223,508	223,508

<b>SEC. 4101. PROCUREMENT</b> (In Thousands of Dollars)			
Line	Item	FY 2018 Request	Conference Authorized
046	EXECUTIVE HELICOPTERS SERIES .....	38,787	38,787
047	SPECIAL PROJECT AIRCRAFT .....	8,304	8,304
048	T-45 SERIES .....	148,071	148,071
049	POWER PLANT CHANGES .....	19,827	19,827
050	JPATS SERIES .....	27,007	27,007
051	COMMON ECM EQUIPMENT .....	146,642	146,642
052	COMMON AVIONICS CHANGES .....	123,507	123,507
053	COMMON DEFENSIVE WEAPON SYSTEM .....	2,317	2,317
054	ID SYSTEMS .....	49,524	49,524
055	P-8 SERIES .....	18,665	18,665
056	MAGTF EW FOR AVIATION .....	10,111	10,111
057	MQ-8 SERIES .....	32,361	32,361
059	V-22 (TILT/ROTOR ACFT) OSPREY .....	228,321	228,321
060	F-35 STOVL SERIES .....	34,963	34,963
061	F-35 CV SERIES .....	31,689	31,689
062	QRC .....	24,766	24,766
063	MQ-4 SERIES .....	39,996	39,996
<b>AIRCRAFT SPARES AND REPAIR PARTS</b>			
064	SPARES AND REPAIR PARTS .....	1,681,914	1,882,514
	UFR: F-35B Spares .....		[32,600]
	UFR: Fund to max executable .....		[168,000]
<b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>			
065	COMMON GROUND EQUIPMENT .....	388,052	405,552
	UFR: F/A-18C/D Training Systems .....		[17,500]
066	AIRCRAFT INDUSTRIAL FACILITIES .....	24,613	24,613
067	WAR CONSUMABLES .....	39,614	39,614
068	OTHER PRODUCTION CHARGES .....	1,463	1,463
069	SPECIAL SUPPORT EQUIPMENT .....	48,500	48,500
070	FIRST DESTINATION TRANSPORTATION .....	1,976	1,976
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY .....</b>	<b>15,056,235</b>	<b>18,945,985</b>
<b>WEAPONS PROCUREMENT, NAVY</b>			
<b>MODIFICATION OF MISSILES</b>			
001	TRIDENT II MODS .....	1,143,595	1,143,595
<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>			
002	MISSILE INDUSTRIAL FACILITIES .....	7,086	7,086
<b>STRATEGIC MISSILES</b>			
003	TOMAHAWK .....	134,375	134,375
<b>TACTICAL MISSILES</b>			
004	AMRAAM .....	197,109	209,109
	UFR: Munitions Wholeness .....		[12,000]
005	SIDEWINDER .....	79,692	79,692
006	JSOW .....	5,487	5,487
007	STANDARD MISSILE .....	510,875	510,875
008	SMALL DIAMETER BOMB II .....	20,968	20,968
009	RAM .....	58,587	106,587
	UFR: Additional RAM BLK II .....		[48,000]
010	JOINT AIR GROUND MISSILE (JAGM) .....	3,789	3,789
013	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM) .....	3,122	12,522
	UFR: AGM-176A Griffin Missile Qualifications .....		[9,400]
014	AERIAL TARGETS .....	124,757	124,757
015	OTHER MISSILE SUPPORT .....	3,420	3,420
016	LRASM .....	74,733	74,733
<b>MODIFICATION OF MISSILES</b>			
017	ESSM .....	74,524	74,524
019	HARPOON MODS .....	17,300	17,300
020	HARM MODS .....	183,368	183,368
021	STANDARD MISSILES MODS .....	11,729	11,729
<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>			
022	WEAPONS INDUSTRIAL FACILITIES .....	4,021	4,021
023	FLEET SATELLITE COMM FOLLOW-ON .....	46,357	46,357
<b>ORDNANCE SUPPORT EQUIPMENT</b>			
025	ORDNANCE SUPPORT EQUIPMENT .....	47,159	47,159
<b>TORPEDOES AND RELATED EQUIP</b>			
026	SSTD .....	5,240	5,240
027	MK-48 TORPEDO .....	44,771	70,871
	MK 48 HWT .....		[26,100]
028	ASW TARGETS .....	12,399	12,399
<b>MOD OF TORPEDOES AND RELATED EQUIP</b>			
029	MK-54 TORPEDO MODS .....	104,044	104,044
030	MK-48 TORPEDO ADCAP MODS .....	38,954	38,954
031	QUICKSTRIKE MINE .....	10,337	10,337
<b>SUPPORT EQUIPMENT</b>			
032	TORPEDO SUPPORT EQUIPMENT .....	70,383	70,383
033	ASW RANGE SUPPORT .....	3,864	3,864
<b>DESTINATION TRANSPORTATION</b>			
034	FIRST DESTINATION TRANSPORTATION .....	3,961	3,961
<b>GUNS AND GUN MOUNTS</b>			

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
035	SMALL ARMS AND WEAPONS .....	11,332	11,332
	<b>MODIFICATION OF GUNS AND GUN MOUNTS</b>		
036	CIWS MODS .....	72,698	72,698
037	COAST GUARD WEAPONS .....	38,931	38,931
038	GUN MOUNT MODS .....	76,025	76,025
039	LCS MODULE WEAPONS .....	13,110	13,110
040	CRUISER MODERNIZATION WEAPONS .....	34,825	34,825
041	AIRBORNE MINE NEUTRALIZATION SYSTEMS .....	16,925	16,925
	<b>SPARES AND REPAIR PARTS</b>		
043	SPARES AND REPAIR PARTS .....	110,255	110,255
	<b>TOTAL WEAPONS PROCUREMENT, NAVY .....</b>	<b>3,420,107</b>	<b>3,515,607</b>
	<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>		
	<b>NAVY AMMUNITION</b>		
001	GENERAL PURPOSE BOMBS .....	34,882	34,882
002	JDAM .....	57,343	57,343
003	AIRBORNE ROCKETS, ALL TYPES .....	79,318	79,318
004	MACHINE GUN AMMUNITION .....	14,112	14,112
005	PRACTICE BOMBS .....	47,027	47,027
006	CARTRIDGES & CART ACTUATED DEVICES .....	57,718	57,718
007	AIR EXPENDABLE COUNTERMEASURES .....	65,908	65,908
008	JATOS .....	2,895	2,895
010	5 INCH/54 GUN AMMUNITION .....	22,112	22,112
011	INTERMEDIATE CALIBER GUN AMMUNITION .....	12,804	12,804
012	OTHER SHIP GUN AMMUNITION .....	41,594	41,594
013	SMALL ARMS & LANDING PARTY AMMO .....	49,401	49,401
014	PYROTECHNIC AND DEMOLITION .....	9,495	9,495
016	AMMUNITION LESS THAN \$5 MILLION .....	3,080	3,080
	<b>MARINE CORPS AMMUNITION</b>		
019	60MM, ALL TYPES .....		11,000
	Unfunded requirement—Full range practice rounds .....		[11,000]
020	MORTARS .....	24,118	24,118
021	81MM, ALL TYPES .....		14,500
	Unfunded requirement—Full range practice rounds .....		[14,500]
023	DIRECT SUPPORT MUNITIONS .....	64,045	64,045
024	INFANTRY WEAPONS AMMUNITION .....	91,456	91,456
027	ARTILLERY, ALL TYPES .....		17,000
	Unfunded requirement—HE Training Rounds .....		[17,000]
029	COMBAT SUPPORT MUNITIONS .....	11,788	11,788
032	AMMO MODERNIZATION .....	17,862	17,862
033	ARTILLERY MUNITIONS .....	79,427	79,427
034	ITEMS LESS THAN \$5 MILLION .....	5,960	5,960
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC .....</b>	<b>792,345</b>	<b>834,845</b>
	<b>SHIPBUILDING AND CONVERSION, NAVY</b>		
	<b>FLEET BALLISTIC MISSILE SHIPS</b>		
001	ADVANCE PROCUREMENT (CY) .....	842,853	842,853
	<b>OTHER WARSHIPS</b>		
002	CARRIER REPLACEMENT PROGRAM .....	4,441,772	4,441,772
004	VIRGINIA CLASS SUBMARINE .....	3,305,315	3,305,315
005	ADVANCE PROCUREMENT (CY) .....	1,920,596	2,618,596
	3rd FY20 SSN, EOQ or SIB expansion .....		[698,000]
006	CVN REFUELING OVERHAULS .....	1,604,890	1,569,669
	AN/SPN-46 overhaul/upgrade cost growth .....		[-3,126]
	AN/SPQ-9B radar unjustified request .....		[-2,746]
	IFF interrogator set unjustified request .....		[-2,094]
	JPALS cost growth .....		[-555]
	UCLASS early to need .....		[-26,700]
007	ADVANCE PROCUREMENT (CY) .....	75,897	75,897
008	DDG 1000 .....	223,968	173,968
	Unjustified cost growth .....		[-50,000]
009	DDG-51 .....	3,499,079	5,283,079
	1 additional DDG for FY18-22 MYP contract .....		[1,750,000]
	Ship Signal Exploitation Equipment .....		[34,000]
010	ADVANCE PROCUREMENT (CY) .....	90,336	340,336
	EOQ for FY18-22 MYP contract .....		[250,000]
011	LITTORAL COMBAT SHIP .....	636,146	1,536,146
	LCS .....		[900,000]
	<b>AMPHIBIOUS SHIPS</b>		
013	LPD-17 .....		1,500,000
	LX(R) or LPD-30 .....		[1,500,000]
014	EXPEDITIONARY SEA BASE (ESB) .....		635,000
	ESB .....		[635,000]
015	LHA REPLACEMENT .....	1,710,927	1,710,927
	<b>AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST</b>		
018	TAO FLEET OILER .....	465,988	465,988
019	ADVANCE PROCUREMENT (CY) .....	75,068	75,068
020	TOWING, SALVAGE, AND RESCUE SHIP (ATS) .....	76,204	76,204

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
023	LCU 1700 .....	31,850	31,850
024	OUTFITTING .....	548,703	542,626
	Virginia class outfitting cost growth .....		[-1,689]
	Virginia class post-delivery cost growth .....		[-4,388]
025	SHIP TO SHORE CONNECTOR .....	212,554	524,554
	UFR: 5 additional Ship-to-Shore Connector .....		[312,000]
026	SERVICE CRAFT .....	23,994	62,994
	UFR: Berthing barge .....		[39,000]
029	COMPLETION OF PY SHIPBUILDING PROGRAMS .....	117,542	117,542
032	CABLE SHIP .....		250,000
	Procure cable ship .....		[250,000]
	<b>TOTAL SHIPBUILDING AND CONVERSION, NAVY .....</b>	<b>19,903,682</b>	<b>26,180,384</b>
	<b>OTHER PROCUREMENT, NAVY</b>		
	<b>SHIP PROPULSION EQUIPMENT</b>		
003	SURFACE POWER EQUIPMENT .....	41,910	41,910
004	HYBRID ELECTRIC DRIVE (HED) .....	6,331	6,331
	<b>GENERATORS</b>		
005	SURFACE COMBATANT HM&E .....	27,392	27,392
	<b>NAVIGATION EQUIPMENT</b>		
006	OTHER NAVIGATION EQUIPMENT .....	65,943	65,943
	<b>PERISCOPES</b>		
007	SUB PERISCOPES & IMAGING EQUIP .....		29,000
	Submarine Warfare Federated Tactical Systems .....		[29,000]
	<b>OTHER SHIPBOARD EQUIPMENT</b>		
008	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG .....	151,240	151,240
009	DDG MOD .....	603,355	650,864
	AWS upgrade kits unit cost growth .....		[-4,526]
	Conjunctive alteration definition and integration previously funded .....		[-5,185]
	Destroyer modernization .....		[65,000]
	DM013 installation insufficient budget justification .....		[-6,780]
	DVSS and wireless communications equipment insufficient budget justification .....		[-1,000]
010	FIREFIGHTING EQUIPMENT .....	15,887	15,887
011	COMMAND AND CONTROL SWITCHBOARD .....	2,240	2,240
012	LHA/LHD MIDLIFE .....	30,287	30,287
014	POLLUTION CONTROL EQUIPMENT .....	17,293	17,293
015	SUBMARINE SUPPORT EQUIPMENT .....	27,990	27,990
016	VIRGINIA CLASS SUPPORT EQUIPMENT .....	46,610	46,610
017	LCS CLASS SUPPORT EQUIPMENT .....	47,955	47,955
018	SUBMARINE BATTERIES .....	17,594	17,594
019	LPD CLASS SUPPORT EQUIPMENT .....	61,908	61,908
021	STRATEGIC PLATFORM SUPPORT EQUIP .....	15,812	15,812
022	DSSP EQUIPMENT .....	4,178	4,178
023	CG MODERNIZATION .....	306,050	306,050
024	LCAC .....	5,507	5,507
025	UNDERWATER EOD PROGRAMS .....	55,922	55,922
026	ITEMS LESS THAN \$5 MILLION .....	96,909	96,909
027	CHEMICAL WARFARE DETECTORS .....	3,036	3,036
028	SUBMARINE LIFE SUPPORT SYSTEM .....	10,364	10,364
	<b>REACTOR PLANT EQUIPMENT</b>		
029	REACTOR POWER UNITS .....	324,925	324,925
030	REACTOR COMPONENTS .....	534,468	534,468
	<b>OCEAN ENGINEERING</b>		
031	DIVING AND SALVAGE EQUIPMENT .....	10,619	10,619
	<b>SMALL BOATS</b>		
032	STANDARD BOATS .....	46,094	46,094
	<b>PRODUCTION FACILITIES EQUIPMENT</b>		
034	OPERATING FORCES IPE .....	191,541	191,541
	<b>OTHER SHIP SUPPORT</b>		
036	LCS COMMON MISSION MODULES EQUIPMENT .....	34,666	34,666
037	LCS MCM MISSION MODULES .....	55,870	89,870
	UFR: Additional MCM USV .....		[34,000]
039	LCS SUW MISSION MODULES .....	52,960	52,960
040	LCS IN-SERVICE MODERNIZATION .....	74,426	158,426
	LCS Modernization .....		[84,000]
	<b>LOGISTIC SUPPORT</b>		
042	LSD MIDLIFE & MODERNIZATION .....	89,536	49,536
	Contract cost savings .....		[-40,000]
	<b>SHIP SONARS</b>		
043	SPQ-9B RADAR .....	30,086	20,086
	Program underexecution .....		[-10,000]
044	AN/SQQ-89 SURF ASW COMBAT SYSTEM .....	102,222	102,222
046	SSN ACOUSTIC EQUIPMENT .....	287,553	287,553
047	UNDERSEA WARFARE SUPPORT EQUIPMENT .....	13,653	13,653
	<b>ASW ELECTRONIC EQUIPMENT</b>		
049	SUBMARINE ACOUSTIC WARFARE SYSTEM .....	21,449	21,449
050	SSTD .....	12,867	12,867
051	FIXED SURVEILLANCE SYSTEM .....	300,102	300,102

SEC. 4101. PROCUREMENT (In Thousands of Dollars)			
Line	Item	FY 2018 Request	Conference Authorized
052	SURTASS .....	30,180	40,180
	UFR: 1 Additional .....		[10,000]
	<b>ELECTRONIC WARFARE EQUIPMENT</b>		
054	AN/SLQ-32 .....	240,433	240,433
	<b>RECONNAISSANCE EQUIPMENT</b>		
055	SHIPBOARD IW EXPLOIT .....	187,007	227,007
	UFR: 3 SSEE Increment F and Paragon/Graywing .....		[40,000]
056	AUTOMATED IDENTIFICATION SYSTEM (AIS) .....	510	510
	<b>OTHER SHIP ELECTRONIC EQUIPMENT</b>		
058	COOPERATIVE ENGAGEMENT CAPABILITY .....	23,892	23,892
060	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) .....	10,741	10,741
061	ATDLS .....	38,016	38,016
062	NAVY COMMAND AND CONTROL SYSTEM (NCCS) .....	4,512	4,512
063	MINESWEEPING SYSTEM REPLACEMENT .....	31,531	31,531
064	SHALLOW WATER MCM .....	8,796	8,796
065	NAVSTAR GPS RECEIVERS (SPACE) .....	15,923	15,923
066	AMERICAN FORCES RADIO AND TV SERVICE .....	2,730	2,730
067	STRATEGIC PLATFORM SUPPORT EQUIP .....	6,889	6,889
	<b>AVIATION ELECTRONIC EQUIPMENT</b>		
070	ASHORE ATC EQUIPMENT .....	71,882	71,882
071	AFLOAT ATC EQUIPMENT .....	44,611	44,611
077	ID SYSTEMS .....	21,239	21,239
078	NAVAL MISSION PLANNING SYSTEMS .....	11,976	11,976
	<b>OTHER SHORE ELECTRONIC EQUIPMENT</b>		
080	TACTICAL/MOBILE C4I SYSTEMS .....	32,425	32,425
081	DCGS-N .....	13,790	13,790
082	CANES .....	322,754	322,754
083	RADIAC .....	10,718	10,718
084	CANES-INTELL .....	48,028	48,028
085	GPETE .....	6,861	6,861
086	MASF .....	8,081	8,081
087	INTEG COMBAT SYSTEM TEST FACILITY .....	5,019	5,019
088	EMI CONTROL INSTRUMENTATION .....	4,188	4,188
089	ITEMS LESS THAN \$5 MILLION .....	105,292	105,292
	<b>SHIPBOARD COMMUNICATIONS</b>		
090	SHIPBOARD TACTICAL COMMUNICATIONS .....	23,695	23,695
091	SHIP COMMUNICATIONS AUTOMATION .....	103,990	103,990
092	COMMUNICATIONS ITEMS UNDER \$5M .....	18,577	18,577
	<b>SUBMARINE COMMUNICATIONS</b>		
093	SUBMARINE BROADCAST SUPPORT .....	29,669	29,669
094	SUBMARINE COMMUNICATION EQUIPMENT .....	86,204	86,204
	<b>SATELLITE COMMUNICATIONS</b>		
095	SATELLITE COMMUNICATIONS SYSTEMS .....	14,654	14,654
096	NAVY MULTIBAND TERMINAL (NMT) .....	69,764	69,764
	<b>SHORE COMMUNICATIONS</b>		
097	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....	4,256	4,256
	<b>CRYPTOGRAPHIC EQUIPMENT</b>		
099	INFO SYSTEMS SECURITY PROGRAM (ISSP) .....	89,663	89,663
100	MIO INTEL EXPLOITATION TEAM .....	961	961
	<b>CRYPTOLOGIC EQUIPMENT</b>		
101	CRYPTOLOGIC COMMUNICATIONS EQUIP .....	11,287	11,287
	<b>OTHER ELECTRONIC SUPPORT</b>		
110	COAST GUARD EQUIPMENT .....	36,584	36,584
	<b>SONOBUOYS</b>		
112	SONOBUOYS—ALL TYPES .....	173,616	173,616
	<b>AIRCRAFT SUPPORT EQUIPMENT</b>		
113	WEAPONS RANGE SUPPORT EQUIPMENT .....	72,110	72,110
114	AIRCRAFT SUPPORT EQUIPMENT .....	108,482	108,482
115	ADVANCED ARRESTING GEAR (AAG) .....	10,900	10,900
116	METEOROLOGICAL EQUIPMENT .....	21,137	21,137
117	DCRS/DPL .....	660	660
118	AIRBORNE MINE COUNTERMEASURES .....	20,605	20,605
119	AVIATION SUPPORT EQUIPMENT .....	34,032	34,032
	<b>SHIP GUN SYSTEM EQUIPMENT</b>		
120	SHIP GUN SYSTEMS EQUIPMENT .....	5,277	5,277
	<b>SHIP MISSILE SYSTEMS EQUIPMENT</b>		
121	SHIP MISSILE SUPPORT EQUIPMENT .....	272,359	272,359
122	TOMAHAWK SUPPORT EQUIPMENT .....	73,184	73,184
	<b>FBM SUPPORT EQUIPMENT</b>		
123	STRATEGIC MISSILE SYSTEMS EQUIP .....	246,221	246,221
	<b>ASW SUPPORT EQUIPMENT</b>		
124	SSN COMBAT CONTROL SYSTEMS .....	129,972	129,972
125	ASW SUPPORT EQUIPMENT .....	23,209	23,209
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>		
126	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	15,596	15,596
127	ITEMS LESS THAN \$5 MILLION .....	5,981	5,981
	<b>OTHER EXPENDABLE ORDNANCE</b>		
128	SUBMARINE TRAINING DEVICE MODS .....	74,550	74,550

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
130	SURFACE TRAINING EQUIPMENT .....	83,022	83,022
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>		
131	PASSENGER CARRYING VEHICLES .....	5,299	5,299
132	GENERAL PURPOSE TRUCKS .....	2,946	2,946
133	CONSTRUCTION & MAINTENANCE EQUIP .....	34,970	34,970
134	FIRE FIGHTING EQUIPMENT .....	2,541	2,541
135	TACTICAL VEHICLES .....	19,699	19,699
136	AMPHIBIOUS EQUIPMENT .....	12,162	12,162
137	POLLUTION CONTROL EQUIPMENT .....	2,748	2,748
138	ITEMS UNDER \$5 MILLION .....	18,084	18,084
139	PHYSICAL SECURITY VEHICLES .....	1,170	1,170
	<b>SUPPLY SUPPORT EQUIPMENT</b>		
141	SUPPLY EQUIPMENT .....	21,797	21,797
143	FIRST DESTINATION TRANSPORTATION .....	5,572	5,572
144	SPECIAL PURPOSE SUPPLY SYSTEMS .....	482,916	482,916
	<b>TRAINING DEVICES</b>		
146	TRAINING AND EDUCATION EQUIPMENT .....	25,624	25,624
	<b>COMMAND SUPPORT EQUIPMENT</b>		
147	COMMAND SUPPORT EQUIPMENT .....	59,076	55,765
	Consolidate requirements Navy Enterprise Resource Planning .....		[-3,311]
149	MEDICAL SUPPORT EQUIPMENT .....	4,383	4,383
151	NAVAL MIP SUPPORT EQUIPMENT .....	2,030	2,030
152	OPERATING FORCES SUPPORT EQUIPMENT .....	7,500	7,500
153	C4ISR EQUIPMENT .....	4,010	4,010
154	ENVIRONMENTAL SUPPORT EQUIPMENT .....	23,644	23,644
155	PHYSICAL SECURITY EQUIPMENT .....	101,982	101,982
156	ENTERPRISE INFORMATION TECHNOLOGY .....	19,789	19,789
	<b>OTHER</b>		
160	NEXT GENERATION ENTERPRISE SERVICE .....	104,584	104,584
	<b>CLASSIFIED PROGRAMS</b>		
161A	CLASSIFIED PROGRAMS .....	23,707	23,707
	<b>SPARES AND REPAIR PARTS</b>		
161	SPARES AND REPAIR PARTS .....	278,565	278,565
	<b>UNDISTRIBUTED</b>		
162	UNDISTRIBUTED .....		50,000
	Classified Project 0428 .....		[50,000]
	<b>TOTAL OTHER PROCUREMENT, NAVY</b> .....	<b>8,277,789</b>	<b>8,518,987</b>
	<b>PROCUREMENT, MARINE CORPS</b>		
	<b>TRACKED COMBAT VEHICLES</b>		
001	AAV7A1 PIP .....	107,665	107,665
002	AMPHIBIOUS COMBAT VEHICLE 1.1 .....	161,511	161,511
003	LAV PIP .....	17,244	17,244
	<b>ARTILLERY AND OTHER WEAPONS</b>		
004	EXPEDITIONARY FIRE SUPPORT SYSTEM .....	626	626
005	155MM LIGHTWEIGHT TOWED HOWITZER .....	20,259	20,259
006	HIGH MOBILITY ARTILLERY ROCKET SYSTEM .....	59,943	59,943
007	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION .....	19,616	19,616
	<b>OTHER SUPPORT</b>		
008	MODIFICATION KITS .....	17,778	17,778
	<b>GUIDED MISSILES</b>		
010	GROUND BASED AIR DEFENSE .....	9,432	9,432
011	JAVELIN .....	41,159	41,159
012	FOLLOW ON TO SMAW .....	25,125	25,125
013	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H) .....	51,553	51,553
	<b>COMMAND AND CONTROL SYSTEMS</b>		
016	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C .....	44,928	44,928
	<b>REPAIR AND TEST EQUIPMENT</b>		
017	REPAIR AND TEST EQUIPMENT .....	33,056	33,056
	<b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>		
020	ITEMS UNDER \$5 MILLION (COMM & ELEC) .....	17,644	37,844
	UFR: Night Optics for Sniper Rifle .....		[20,200]
021	AIR OPERATIONS C2 SYSTEMS .....	18,393	18,393
	<b>RADAR + EQUIPMENT (NON-TEL)</b>		
022	RADAR SYSTEMS .....	12,411	12,411
023	GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....	139,167	139,167
024	RQ-21 UAS .....	77,841	77,841
	<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>		
025	GCSS-MC .....	1,990	1,990
026	FIRE SUPPORT SYSTEM .....	22,260	22,260
027	INTELLIGENCE SUPPORT EQUIPMENT .....	55,759	55,759
029	UNMANNED AIR SYSTEMS (INTEL) .....	10,154	23,654
	UFR: Long Endurance Small UAS .....		[13,500]
030	DCGS-MC .....	13,462	13,462
031	UAS PAYLOADS .....	14,193	14,193
	<b>OTHER SUPPORT (NON-TEL)</b>		
035	NEXT GENERATION ENTERPRISE NETWORK (NGEN) .....	98,511	98,511
036	COMMON COMPUTER RESOURCES .....	66,894	66,894

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
037	COMMAND POST SYSTEMS .....	186,912	206,912
	Additional NOTM-A Systems for emerging operational requirements .....		[20,000]
038	RADIO SYSTEMS .....	34,361	34,361
039	COMM SWITCHING & CONTROL SYSTEMS .....	54,615	54,615
040	COMM & ELEC INFRASTRUCTURE SUPPORT .....	44,455	44,455
	<b>CLASSIFIED PROGRAMS</b>		
040A	CLASSIFIED PROGRAMS .....	4,214	4,214
	<b>ADMINISTRATIVE VEHICLES</b>		
042	COMMERCIAL CARGO VEHICLES .....	66,951	66,951
	<b>TACTICAL VEHICLES</b>		
043	MOTOR TRANSPORT MODIFICATIONS .....	21,824	21,824
044	JOINT LIGHT TACTICAL VEHICLE .....	233,639	233,639
045	FAMILY OF TACTICAL TRAILERS .....	1,938	1,938
046	TRAILERS .....	10,282	10,282
	<b>ENGINEER AND OTHER EQUIPMENT</b>		
048	ENVIRONMENTAL CONTROL EQUIP ASSORT .....	1,405	1,405
050	TACTICAL FUEL SYSTEMS .....	1,788	1,788
051	POWER EQUIPMENT ASSORTED .....	9,910	9,910
052	AMPHIBIOUS SUPPORT EQUIPMENT .....	5,830	5,830
053	EOD SYSTEMS .....	27,240	27,240
	<b>MATERIALS HANDLING EQUIPMENT</b>		
054	PHYSICAL SECURITY EQUIPMENT .....	53,477	53,477
	<b>GENERAL PROPERTY</b>		
056	TRAINING DEVICES .....	76,185	85,064
	UFR: ITESS-II Force on Force Training System .....		[8,879]
058	FAMILY OF CONSTRUCTION EQUIPMENT .....	26,286	26,286
059	FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV) .....	1,583	1,583
	<b>OTHER SUPPORT</b>		
060	ITEMS LESS THAN \$5 MILLION .....	7,716	7,716
	<b>SPARES AND REPAIR PARTS</b>		
062	SPARES AND REPAIR PARTS .....	35,640	35,640
	<b>TOTAL PROCUREMENT, MARINE CORPS</b> .....	<b>2,064,825</b>	<b>2,127,404</b>
	<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>		
	<b>TACTICAL FORCES</b>		
001	F-35 .....	4,544,684	5,634,684
	Additional Tooling in Support of Unfunded Priority .....		[60,000]
	UFR: Procure additional F-35As .....		[1,030,000]
002	ADVANCE PROCUREMENT (CY) .....	780,300	780,300
002A	O/A-X LIGHT ATTACK FIGHTER .....		400,000
	O/A-X Light Attack Fighter .....		[400,000]
	<b>TACTICAL AIRLIFT</b>		
003	KC-46A TANKER .....	2,545,674	2,945,674
	UFR: Procure KC-46 .....		[400,000]
	<b>OTHER AIRLIFT</b>		
004	C-130J .....	57,708	159,708
	Technical adjustments for Weapon System Trainers .....		[102,000]
006	HC-130J .....	198,502	298,502
	UFR: Procure HC-130s .....		[100,000]
008	MC-130J .....	379,373	979,373
	UFR: Procures MC-130s .....		[600,000]
009	ADVANCE PROCUREMENT (CY) .....	30,000	30,000
	<b>MISSION SUPPORT AIRCRAFT</b>		
012	CIVIL AIR PATROL A/C .....	2,695	2,695
	<b>OTHER AIRCRAFT</b>		
014	TARGET DRONES .....	109,841	109,841
017	MQ-9 .....	117,141	117,141
017A	COMPASS CALL .....		108,173
	Technical adjustment .....		[108,173]
	<b>STRATEGIC AIRCRAFT</b>		
018	B-2A .....	96,727	96,727
019	B-1B .....	155,634	121,634
	Excess funding .....		[-34,000]
020	B-52 .....	109,295	109,295
021	LARGE AIRCRAFT INFRARED COUNTERMEASURES .....	4,046	4,046
	<b>TACTICAL AIRCRAFT</b>		
022	A-10 .....	6,010	109,010
	UFR: A-10 Wings .....		[103,000]
023	F-15 .....	417,193	417,193
024	F-16 .....	203,864	203,864
025	F-22A .....	161,630	161,630
026	ADVANCE PROCUREMENT (CY) .....	15,000	15,000
027	F-35 MODIFICATIONS .....	68,270	68,270
028	INCREMENT 3.2B .....	105,756	105,756
030	KC-46A TANKER .....	6,213	6,213
	<b>AIRLIFT AIRCRAFT</b>		
031	C-5 .....	36,592	36,592
032	C-5M .....	6,817	6,817

<b>SEC. 4101. PROCUREMENT</b> (In Thousands of Dollars)			
Line	Item	FY 2018 Request	Conference Authorized
033	C-17A .....	125,522	125,522
034	C-21 .....	13,253	13,253
035	C-32A .....	79,449	79,449
036	C-37A .....	15,423	15,423
037	C-130J .....	10,727	0
	Technical adjustments .....		[-10,727]
	<b>TRAINER AIRCRAFT</b>		
038	GLIDER MODS .....	136	136
039	T-6 .....	35,706	35,706
040	T-1 .....	21,477	21,477
041	T-38 .....	51,641	51,641
	<b>OTHER AIRCRAFT</b>		
042	U-2 MODS .....	36,406	36,406
043	KC-10A (ATCA) .....	4,243	4,243
044	C-12 .....	5,846	5,846
045	VC-25A MOD .....	52,107	52,107
046	C-40 .....	31,119	31,119
047	C-130 .....	66,310	195,310
	C-130H NP2000 Prop .....		[55,000]
	C-130H T56 3.5 .....		[74,000]
048	C-130J MODS .....	171,230	181,957
	Technical adjustments .....		[10,727]
049	C-135 .....	69,428	69,428
050	OC-135B .....	23,091	23,091
051	COMPASS CALL MODS .....	166,541	102,968
	Technical adjustment .....		[-108,173]
	UFR: Avionics Viability Program (AVP) upgrades .....		[10,000]
	UFR: Expected disconnect in air vehicle .....		[10,000]
	UFR: Mission and support equipment .....		[24,600]
052	COMBAT FLIGHT INSPECTION (CFIN) .....	495	495
053	RC-135 .....	201,559	201,559
054	E-3 .....	189,772	189,772
055	E-4 .....	30,493	30,493
056	E-8 .....	13,232	13,232
057	AIRBORNE WARNING AND CONTROL SYSTEM .....	164,786	164,786
058	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	24,716	24,716
059	H-1 .....	3,730	3,730
060	H-60 .....	75,989	92,089
	Unfunded requirement .....		[16,100]
061	RQ-4 MODS .....	43,968	101,868
	HA-ISR Payload Adapters .....		[18,300]
	UFR: Replace RQ-4 TFT Antennas .....		[39,600]
062	HC/MC-130 MODIFICATIONS .....	67,674	67,674
063	OTHER AIRCRAFT .....	59,068	59,068
065	MQ-9 MODS .....	264,740	264,740
066	CV-22 MODS .....	60,990	60,990
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
067	INITIAL SPARES/REPAIR PARTS .....	1,041,569	1,121,169
	Additional F-35 Initial Spares .....		[79,600]
	<b>COMMON SUPPORT EQUIPMENT</b>		
068	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	75,846	75,846
069	OTHER PRODUCTION CHARGES .....	8,524	8,524
071	T-53A TRAINER .....	501	501
	<b>POST PRODUCTION SUPPORT</b>		
072	B-2A .....	447	447
073	B-2A .....	38,509	38,509
074	B-52 .....	199	199
075	C-17A .....	12,028	12,028
078	RC-135 .....	29,700	29,700
079	F-15 .....	20,000	20,000
080	F-15 .....	2,524	2,524
081	F-16 .....	18,051	5,651
	Program reduction .....		[-12,400]
082	F-22A .....	119,566	119,566
083	OTHER AIRCRAFT .....	85,000	85,000
085	RQ-4 POST PRODUCTION CHARGES .....	86,695	86,695
086	CV-22 MODS .....	4,500	4,500
	<b>INDUSTRIAL PREPAREDNESS</b>		
087	INDUSTRIAL RESPONSIVENESS .....	14,739	30,739
	Program increase .....		[16,000]
088	C-130J .....	102,000	0
	Technical adjustments for Weapon System Trainers .....		[-102,000]
	<b>WAR CONSUMABLES</b>		
089	WAR CONSUMABLES .....	37,647	37,647
	<b>OTHER PRODUCTION CHARGES</b>		
090	OTHER PRODUCTION CHARGES .....	1,339,160	1,339,160
092	OTHER AIRCRAFT .....	600	600
	<b>CLASSIFIED PROGRAMS</b>		



<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
092A	CLASSIFIED PROGRAMS .....	53,212	53,212
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE .....</b>	<b>15,430,849</b>	<b>18,420,649</b>
	<b>MISSILE PROCUREMENT, AIR FORCE</b>		
	<b>MISSILE REPLACEMENT EQUIPMENT—BALLISTIC</b>		
001	MISSILE REPLACEMENT EQ-BALLISTIC .....	99,098	99,098
	<b>TACTICAL</b>		
002	JOINT AIR-SURFACE STANDOFF MISSILE .....	441,367	441,367
003	LRASMO .....	44,728	61,728
	UFR: Long Range Anti-Ship Missile (LRASM) .....		[17,000]
004	SIDEWINDER (AIM-9X) .....	125,350	125,350
005	AMRAAM .....	304,327	304,327
006	PREDATOR HELLFIRE MISSILE .....	34,867	34,867
007	SMALL DIAMETER BOMB .....	266,030	266,030
	<b>INDUSTRIAL FACILITIES</b>		
008	INDUSTRIAL PREPAREDNS/POL PREVENTION .....	926	926
	<b>CLASS IV</b>		
009	ICBM FUZE MOD .....	6,334	6,334
010	MM III MODIFICATIONS .....	80,109	80,109
011	AGM-65D MAVERICK .....	289	289
013	AIR LAUNCH CRUISE MISSILE (ALCM) .....	36,425	36,425
014	SMALL DIAMETER BOMB .....	14,086	14,086
	<b>MISSILE SPARES AND REPAIR PARTS</b>		
015	INITIAL SPARES/REPAIR PARTS .....	101,153	101,153
	<b>SPECIAL PROGRAMS</b>		
020	SPECIAL UPDATE PROGRAMS .....	44,917	44,917
	<b>CLASSIFIED PROGRAMS</b>		
020A	CLASSIFIED PROGRAMS .....	708,176	708,176
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE .....</b>	<b>2,308,182</b>	<b>2,325,182</b>
	<b>SPACE PROCUREMENT, AIR FORCE</b>		
	<b>SPACE PROGRAMS</b>		
001	ADVANCED EHF .....	56,974	56,974
002	AF SATELLITE COMM SYSTEM .....	57,516	57,516
003	COUNTERSPACE SYSTEMS .....	28,798	28,798
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	146,972	146,972
005	WIDEBAND GAPFILLER SATELLITES(SPACE) .....	80,849	80,849
006	GPS III SPACE SEGMENT .....	85,894	85,894
007	GLOBAL POSITIONING (SPACE) .....	2,198	2,198
008	SPACEBORNE EQUIP (COMSEC) .....	25,048	25,048
010	MILSATCOM .....	33,033	33,033
011	EVOLVED EXPENDABLE LAUNCH CAPABILITY .....	957,420	957,420
012	EVOLVED EXPENDABLE LAUNCH VEH(SPACE) .....	606,488	606,488
013	SBIR HIGH (SPACE) .....	981,009	1,054,809
	UFR: SBIRS equipment .....		[73,800]
014	ADVANCE PROCUREMENT (CY) .....	132,420	132,420
015	NUDET DETECTION SYSTEM .....	6,370	6,370
016	SPACE MODS .....	37,203	37,203
017	SPACELIFT RANGE SYSTEM SPACE .....	113,874	113,874
	<b>SSPARES</b>		
018	INITIAL SPARES/REPAIR PARTS .....	18,709	18,709
	<b>TOTAL SPACE PROCUREMENT, AIR FORCE .....</b>	<b>3,370,775</b>	<b>3,444,575</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>		
	<b>ROCKETS</b>		
001	ROCKETS .....	147,454	147,454
	<b>CARTRIDGES</b>		
002	CARTRIDGES .....	161,744	161,744
	<b>BOMBS</b>		
003	PRACTICE BOMBS .....	28,509	28,509
004	GENERAL PURPOSE BOMBS .....	329,501	329,501
005	MASSIVE ORDNANCE PENETRATOR (MOP) .....	38,382	38,382
006	JOINT DIRECT ATTACK MUNITION .....	319,525	319,525
007	B61 .....	77,068	77,068
008	ADVANCE PROCUREMENT (CY) .....	11,239	11,239
	<b>OTHER ITEMS</b>		
009	CAD/PAD .....	53,469	53,469
010	EXPLOSIVE ORDNANCE DISPOSAL (EOD) .....	5,921	5,921
011	SPARES AND REPAIR PARTS .....	678	678
012	MODIFICATIONS .....	1,409	1,409
013	ITEMS LESS THAN \$5 MILLION .....	5,047	5,047
	<b>FLARES</b>		
015	FLARES .....	143,983	143,983
	<b>FUZES</b>		
016	FUZES .....	24,062	24,062
	<b>SMALL ARMS</b>		
017	SMALL ARMS .....	28,611	28,611
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE .....</b>	<b>1,376,602</b>	<b>1,376,602</b>

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
Line	Item	FY 2018 Request	Conference Authorized
<b>OTHER PROCUREMENT, AIR FORCE</b>			
<b>PASSENGER CARRYING VEHICLES</b>			
001	PASSENGER CARRYING VEHICLES .....	15,651	15,651
<b>CARGO AND UTILITY VEHICLES</b>			
002	MEDIUM TACTICAL VEHICLE .....	54,607	67,907
	Unfunded requirement .....		[13,300]
003	CAP VEHICLES .....	1,011	1,011
004	CARGO AND UTILITY VEHICLES .....	28,670	78,020
	Unfunded requirement .....		[49,350]
<b>SPECIAL PURPOSE VEHICLES</b>			
005	SECURITY AND TACTICAL VEHICLES .....	59,398	69,362
	UFR: Set the Theater initiative, PACOM .....		[9,964]
006	SPECIAL PURPOSE VEHICLES .....	19,784	30,391
	Unfunded requirement .....		[10,607]
<b>FIRE FIGHTING EQUIPMENT</b>			
007	FIRE FIGHTING/CRASH RESCUE VEHICLES .....	14,768	14,768
<b>MATERIALS HANDLING EQUIPMENT</b>			
008	MATERIALS HANDLING VEHICLES .....	13,561	59,089
	UFR: Set the Theater (StT) PACOM .....		[45,528]
<b>BASE MAINTENANCE SUPPORT</b>			
009	RUNWAY SNOW REMOV & CLEANING EQUIP .....	3,429	11,550
	Unfunded requirement .....		[8,121]
010	BASE MAINTENANCE SUPPORT VEHICLES .....	60,075	73,305
	UFR: Set the Theater (StT) PACOM .....		[13,230]
<b>COMM SECURITY EQUIPMENT(COMSEC)</b>			
011	COMSEC EQUIPMENT .....	115,000	123,000
	UFR: Cyber Squadron Initiative .....		[8,000]
<b>INTELLIGENCE PROGRAMS</b>			
013	INTERNATIONAL INTEL TECH & ARCHITECTURES .....	22,335	22,335
014	INTELLIGENCE TRAINING EQUIPMENT .....	5,892	5,892
015	INTELLIGENCE COMM EQUIPMENT .....	34,072	34,072
<b>ELECTRONICS PROGRAMS</b>			
016	AIR TRAFFIC CONTROL & LANDING SYS .....	66,143	104,843
	UFR: Cyber Squadron Initiative (WSCR) .....		[6,000]
	UFR: Deployable Radar Approach Control .....		[16,500]
	UFR: D-ILS Procurement .....		[16,200]
017	NATIONAL AIRSPACE SYSTEM .....	12,641	12,641
018	BATTLE CONTROL SYSTEM—FIXED .....	6,415	7,815
	UFR: Battle Control System (BCS) Tech Refresh .....		[1,400]
019	THEATER AIR CONTROL SYS IMPROVEMENTS .....	23,233	23,233
020	WEATHER OBSERVATION FORECAST .....	40,116	40,116
021	STRATEGIC COMMAND AND CONTROL .....	72,810	72,810
022	CHEYENNE MOUNTAIN COMPLEX .....	9,864	9,864
023	MISSION PLANNING SYSTEMS .....	15,486	15,486
025	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN) .....	9,187	9,187
<b>SPCL COMM-ELECTRONICS PROJECTS</b>			
026	GENERAL INFORMATION TECHNOLOGY .....	51,826	51,826
027	AF GLOBAL COMMAND & CONTROL SYS .....	3,634	3,634
028	MOBILITY COMMAND AND CONTROL .....	10,083	10,083
029	AIR FORCE PHYSICAL SECURITY SYSTEM .....	201,866	219,866
	Unfunded requirement—Intrusion Detection Systems .....		[18,000]
030	COMBAT TRAINING RANGES .....	115,198	115,198
031	MINIMUM ESSENTIAL EMERGENCY COMM N .....	292	292
032	WIDE AREA SURVEILLANCE (WAS) .....	62,087	62,087
033	C3 COUNTERMEASURES .....	37,764	37,764
034	GCSS-AF FOS .....	2,826	2,826
035	DEFENSE ENTERPRISE ACCOUNTING AND MGMT SYSTEM .....	1,514	1,514
036	THEATER BATTLE MGT C2 SYSTEM .....	9,646	9,646
037	AIR & SPACE OPERATIONS CTR-WPN SYS .....	25,533	25,533
<b>AIR FORCE COMMUNICATIONS</b>			
040	BASE INFORMATION TRANSPRT INFRAST (BITI) WIRED .....	28,159	28,159
041	AFNET .....	160,820	186,820
	UFR: ARAD Enterprise Software .....		[26,000]
042	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....	5,135	5,135
043	USCENTCOM .....	18,719	18,719
<b>ORGANIZATION AND BASE</b>			
044	TACTICAL C-E EQUIPMENT .....	123,206	123,206
045	COMBAT SURVIVOR EVADER LOCATER .....	3,004	3,004
046	RADIO EQUIPMENT .....	15,736	15,736
047	CCTV/AUDIOVISUAL EQUIPMENT .....	5,480	5,480
048	BASE COMM INFRASTRUCTURE .....	130,539	130,539
<b>MODIFICATIONS</b>			
049	COMM ELECT MODS .....	70,798	70,798
<b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>			
051	ITEMS LESS THAN \$5 MILLION .....	52,964	116,864
	UFR: Battlefield Airman Combat Equipment .....		[59,400]
	UFR: Procure Parachute Phantom Oxygen System .....		[500]

<b>SEC. 4101. PROCUREMENT</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
	Unfunded requirements .....		[4,000]
	<b>DEPOT PLANT+MTRLS HANDLING EQ</b>		
052	MECHANIZED MATERIAL HANDLING EQUIP .....	10,381	10,381
	<b>BASE SUPPORT EQUIPMENT</b>		
053	BASE PROCURED EQUIPMENT .....	15,038	20,038
	Program increase—Civil Engineers Construction, Surveying, and Mapping Equipment.		[5,000]
054	ENGINEERING AND EOD EQUIPMENT .....	26,287	58,837
	Unfunded requirement .....		[32,550]
055	MOBILITY EQUIPMENT .....	8,470	45,150
	UFR: Basic Expeditionary Airfield Resources spare requirements in support of the Set the Theater, PACOM.		[36,680]
056	ITEMS LESS THAN \$5 MILLION .....	28,768	28,768
	<b>SPECIAL SUPPORT PROJECTS</b>		
058	DARP RC135 .....	25,985	25,985
059	DCGS-AF .....	178,423	178,423
061	SPECIAL UPDATE PROGRAM .....	881,980	881,980
	<b>CLASSIFIED PROGRAMS</b>		
062A	CLASSIFIED PROGRAMS .....	16,848,568	16,848,568
	<b>SPARES AND REPAIR PARTS</b>		
064	SPARES AND REPAIR PARTS .....	26,675	26,675
	<b>TOTAL OTHER PROCUREMENT, AIR FORCE</b> .....	<b>19,891,552</b>	<b>20,271,882</b>
	<b>PROCUREMENT, DEFENSE-WIDE</b>		
	<b>MAJOR EQUIPMENT, OSD</b>		
042	MAJOR EQUIPMENT, OSD .....	36,999	36,999
	<b>MAJOR EQUIPMENT, NSA</b>		
041	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP) .....	5,938	5,938
	<b>MAJOR EQUIPMENT, WHS</b>		
045	MAJOR EQUIPMENT, WHS .....	10,529	10,529
	<b>MAJOR EQUIPMENT, DISA</b>		
007	INFORMATION SYSTEMS SECURITY .....	24,805	24,805
008	TELEPORT PROGRAM .....	46,638	46,638
009	ITEMS LESS THAN \$5 MILLION .....	15,541	15,541
010	NET CENTRIC ENTERPRISE SERVICES (NCES) .....	1,161	1,161
011	DEFENSE INFORMATION SYSTEM NETWORK .....	126,345	126,345
012	CYBER SECURITY INITIATIVE .....	1,817	1,817
013	WHITE HOUSE COMMUNICATION AGENCY .....	45,243	45,243
014	SENIOR LEADERSHIP ENTERPRISE .....	294,139	294,139
016	JOINT REGIONAL SECURITY STACKS (JRSS) .....	188,483	188,483
017	JOINT SERVICE PROVIDER .....	100,783	100,783
	<b>MAJOR EQUIPMENT, DLA</b>		
019	MAJOR EQUIPMENT .....	2,951	2,951
	<b>MAJOR EQUIPMENT, DSS</b>		
023	MAJOR EQUIPMENT .....	1,073	1,073
	<b>MAJOR EQUIPMENT, DCAA</b>		
001	ITEMS LESS THAN \$5 MILLION .....	1,475	1,475
	<b>MAJOR EQUIPMENT, TJS</b>		
043	MAJOR EQUIPMENT, TJS .....	9,341	9,341
044	MAJOR EQUIPMENT, TJS—CE2T2 .....	903	903
	<b>MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY</b>		
027	THAAD .....	960,732	960,732
027A	GROUND BASED MIDCOURSE .....	180,000	180,000
027B	ADVANCE PROCUREMENT (CY) .....	88,000	88,000
028	AEGIS BMD .....	876,018	876,018
029	ADVANCE PROCUREMENT (CY) .....	38,738	38,738
030	BMDs AN/TPY-2 RADARS .....	11,947	11,947
031	ARROW UPPER TIER .....		120,000
	Program increase for co-production .....		[120,000]
032	DAVID'S SLING .....		120,000
	Program increase for co-production .....		[120,000]
033	AEGIS ASHORE PHASE III .....	59,739	59,739
034	IRON DOME .....	42,000	92,000
	Increase for Co-production of Iron Dome Tamir interceptors .....		[50,000]
035	AEGIS BMD HARDWARE AND SOFTWARE .....	160,330	160,330
	<b>MAJOR EQUIPMENT, DHRA</b>		
003	PERSONNEL ADMINISTRATION .....	14,588	14,588
	<b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b>		
025	VEHICLES .....	204	204
026	OTHER MAJOR EQUIPMENT .....	12,363	12,363
	<b>MAJOR EQUIPMENT, DODEA</b>		
021	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS .....	1,910	1,910
	<b>MAJOR EQUIPMENT, DCMA</b>		
002	MAJOR EQUIPMENT .....	4,347	4,347
	<b>MAJOR EQUIPMENT, DMACT</b>		
020	MAJOR EQUIPMENT .....	13,464	13,464
	<b>CLASSIFIED PROGRAMS</b>		
045A	CLASSIFIED PROGRAMS .....	657,759	657,759

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<b>SEC. 4101. PROCUREMENT</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
<b>AVIATION PROGRAMS</b>			
049	ROTARY WING UPGRADES AND SUSTAINMENT .....	158,988	145,488
	SOCOM requested transfer .....		[-13,500]
050	UNMANNED ISR .....	13,295	13,295
051	NON-STANDARD AVIATION .....	4,892	4,892
052	U-28 .....	5,769	5,769
053	MH-47 CHINOOK .....	87,345	87,345
055	CV-22 MODIFICATION .....	42,178	42,178
057	MQ-9 UNMANNED AERIAL VEHICLE .....	21,660	21,660
059	PRECISION STRIKE PACKAGE .....	229,728	229,728
060	AC/MC-130J .....	179,934	179,934
061	C-130 MODIFICATIONS .....	28,059	28,059
<b>SHIPBUILDING</b>			
062	UNDERWATER SYSTEMS .....	92,606	79,806
	SOCOM requested transfer .....		[-12,800]
<b>AMMUNITION PROGRAMS</b>			
063	ORDNANCE ITEMS <\$5M .....	112,331	112,331
<b>OTHER PROCUREMENT PROGRAMS</b>			
064	INTELLIGENCE SYSTEMS .....	82,538	82,538
065	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	11,042	11,042
066	OTHER ITEMS <\$5M .....	54,592	54,592
067	COMBATANT CRAFT SYSTEMS .....	23,272	23,272
068	SPECIAL PROGRAMS .....	16,053	16,053
069	TACTICAL VEHICLES .....	63,304	63,304
070	WARRIOR SYSTEMS <\$5M .....	252,070	252,070
071	COMBAT MISSION REQUIREMENTS .....	19,570	19,570
072	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....	3,589	3,589
073	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	17,953	17,953
075	OPERATIONAL ENHANCEMENTS .....	241,429	254,679
	UFR: Medium Precision Strike munitions .....		[13,250]
<b>CBDP</b>			
076	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS .....	135,031	135,031
077	CB PROTECTION & HAZARD MITIGATION .....	141,027	141,027
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE .....</b>	<b>6,074,558</b>	<b>6,351,508</b>
<b>JOINT URGENT OPERATIONAL NEEDS FUND</b>			
<b>JOINT URGENT OPERATIONAL NEEDS FUND</b>			
001	JOINT URGENT OPERATIONAL NEEDS FUND .....	99,795	0
	Program reduction .....		[-99,795]
	<b>TOTAL JOINT URGENT OPERATIONAL NEEDS FUND .....</b>	<b>99,795</b>	<b>0</b>
<b>NATIONAL GUARD AND RESERVE EQUIPMENT</b>			
<b>UNDISTRIBUTED</b>			
007	UNDISTRIBUTED .....		250,000
	Program increase .....		[250,000]
	<b>TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT .....</b>		<b>250,000</b>
	<b>TOTAL PROCUREMENT .....</b>	<b>116,406,908</b>	<b>137,311,332</b>

1 **SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY**

2 **OPERATIONS.**

<b>SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
<b>AIRCRAFT PROCUREMENT, ARMY</b>			
<b>FIXED WING</b>			
004	MQ-1 UAV .....	87,300	87,300
<b>ROTARY</b>			
006	AH-64 APACHE BLOCK IIIA REMAN .....	39,040	39,040
<b>MODIFICATION OF AIRCRAFT</b>			
015	MQ-1 PAYLOAD (MIP) .....	41,400	41,400
018	MULTI SENSOR ABN RECON (MIP) .....	33,475	33,475
023	EMARSS SEMA MODS (MIP) .....	36,000	36,000
027	COMMS, NAV SURVEILLANCE .....	4,289	4,289
<b>GROUND SUPPORT AVIONICS</b>			
033	CMWS .....	139,742	139,742
034	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	43,440	43,440
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY .....</b>	<b>424,686</b>	<b>424,686</b>
<b>MISSILE PROCUREMENT, ARMY</b>			
<b>AIR-TO-SURFACE MISSILE SYSTEM</b>			

<b>SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS</b>			
<b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
005	HELLFIRE SYS SUMMARY .....	278,073	278,073
	<b>ANTI-TANK/ASSAULT MISSILE SYS</b>		
008	JAVELIN (AAWS-M) SYSTEM SUMMARY .....	8,112	8,112
009	TOW 2 SYSTEM SUMMARY .....	3,907	3,907
011	GUIDED MLRS ROCKET (GMLRS) .....	191,522	191,522
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) .....	41,000	41,000
014	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) .....	8,669	8,669
	<b>MODIFICATIONS</b>		
018	STINGER MODS .....	28,000	28,000
	<b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....	<b>559,283</b>	<b>559,283</b>
	<b>PROCUREMENT OF W&amp;TCV, ARMY</b>		
	<b>TRACKED COMBAT VEHICLES</b>		
001	BRADLEY PROGRAM .....	200,000	200,000
002	ARMORED MULTI PURPOSE VEHICLE (AMPV) .....	253,903	253,903
	<b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>		
006	BRADLEY PROGRAM (MOD) .....	30,000	30,000
008	PALADIN INTEGRATED MANAGEMENT (PIM) .....	125,736	125,736
014	M1 ABRAMS TANK (MOD) .....	138,700	138,700
015	ABRAMS UPGRADE PROGRAM .....	442,800	442,800
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....	<b>1,191,139</b>	<b>1,191,139</b>
	<b>PROCUREMENT OF AMMUNITION, ARMY</b>		
	<b>SMALL/MEDIUM CAL AMMUNITION</b>		
003	CTG, HANDGUN, ALL TYPES .....	5	5
004	CTG, .50 CAL, ALL TYPES .....	121	121
005	CTG, 20MM, ALL TYPES .....	1,605	1,605
007	CTG, 30MM, ALL TYPES .....	35,000	35,000
	<b>ARTILLERY AMMUNITION</b>		
015	PROJ 155MM EXTENDED RANGE M982 .....	23,234	23,234
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....	20,023	20,023
	<b>MINES</b>		
017	MINES & CLEARING CHARGES, ALL TYPES .....	11,615	11,615
	<b>ROCKETS</b>		
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....	25,000	25,000
020	ROCKET, HYDRA 70, ALL TYPES .....	75,820	75,820
	<b>OTHER AMMUNITION</b>		
024	SIGNALS, ALL TYPES .....	1,013	1,013
	<b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....	<b>193,436</b>	<b>193,436</b>
	<b>OTHER PROCUREMENT, ARMY</b>		
	<b>TACTICAL VEHICLES</b>		
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) .....	25,874	25,874
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....	38,628	38,628
014	MODIFICATION OF IN SVC EQUIP .....	64,647	64,647
015	MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS .....	17,508	17,508
	<b>COMM—JOINT COMMUNICATIONS</b>		
020	SIGNAL MODERNIZATION PROGRAM .....	4,900	4,900
	<b>COMM—COMBAT COMMUNICATIONS</b>		
041	TRACTOR RIDE .....	1,000	1,000
	<b>COMM—BASE COMMUNICATIONS</b>		
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....	2,500	2,500
	<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>		
068	DCGS-A (MIP) .....	39,515	39,515
070	TROJAN (MIP) .....	21,310	21,310
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....	2,300	2,300
072	CI HUMINT AUTO REPRTING AND COLL(CHARCS) .....	14,460	14,460
075	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP) .....	5,180	5,180
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>		
080	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIE .....	16,935	16,935
081	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....	18,874	18,874
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>		
084	NIGHT VISION DEVICES .....	377	377
085	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....	60	60
087	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....	57,500	57,500
093	MOD OF IN-SVC EQUIP (LLDR) .....	3,974	3,974
095	MORTAR FIRE CONTROL SYSTEM .....	2,947	2,947
	<b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>		
098	AIR & MSL DEFENSE PLANNING & CONTROL SYS .....	9,100	9,100
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>		
119	BASE DEFENSE SYSTEMS (BDS) .....	3,726	3,726
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>		
136	HEATERS AND ECU'S .....	270	270
142	FIELD FEEDING EQUIPMENT .....	145	145
143	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....	1,980	1,980
	<b>MEDICAL EQUIPMENT</b>		
148	COMBAT SUPPORT MEDICAL .....	25,690	25,690
	<b>MAINTENANCE EQUIPMENT</b>		

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<b>SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS</b>			
<b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
149	MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....	1,124	1,124
	<b>CONSTRUCTION EQUIPMENT</b>		
153	HYDRAULIC EXCAVATOR .....	3,850	3,850
157	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....	1,932	1,932
	<b>GENERATORS</b>		
164	GENERATORS AND ASSOCIATED EQUIP .....	569	569
	<b>TRAINING EQUIPMENT</b>		
168	TRAINING DEVICES, NONSYSTEM .....	2,700	2,700
	<b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>		
173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....	7,500	7,500
	<b>OTHER SUPPORT EQUIPMENT</b>		
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	8,500	8,500
	<b>TOTAL OTHER PROCUREMENT, ARMY</b> .....	<b>405,575</b>	<b>405,575</b>
	<b>JOINT IMPROVISED-THREAT DEFEAT FUND</b>		
	<b>NETWORK ATTACK</b>		
001	RAPID ACQUISITION AND THREAT RESPONSE .....	483,058	483,058
	<b>TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND</b> .....	<b>483,058</b>	<b>483,058</b>
	<b>AIRCRAFT PROCUREMENT, NAVY</b>		
	<b>OTHER AIRCRAFT</b>		
027	STUASLO UAV .....	3,900	3,900
	<b>MODIFICATION OF AIRCRAFT</b>		
034	H-53 SERIES .....	950	950
035	SH-60 SERIES .....	15,382	15,382
037	EP-3 SERIES .....	7,220	7,220
047	SPECIAL PROJECT AIRCRAFT .....	19,855	19,855
051	COMMON ECM EQUIPMENT .....	75,530	75,530
062	QRC .....	15,150	15,150
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
064	SPARES AND REPAIR PARTS .....	18,850	18,850
	<b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>		
066	AIRCRAFT INDUSTRIAL FACILITIES .....	463	463
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY</b> .....	<b>157,300</b>	<b>157,300</b>
	<b>WEAPONS PROCUREMENT, NAVY</b>		
	<b>STRATEGIC MISSILES</b>		
003	TOMAHAWK .....	100,086	100,086
	<b>TACTICAL MISSILES</b>		
007	STANDARD MISSILE .....	35,208	35,208
011	HELLFIRE .....	8,771	8,771
012	LASER MAVERICK .....	5,040	5,040
	<b>MODIFICATION OF MISSILES</b>		
017	ESSM .....	1,768	1,768
	<b>GUNS AND GUN MOUNTS</b>		
035	SMALL ARMS AND WEAPONS .....	1,500	1,500
	<b>TOTAL WEAPONS PROCUREMENT, NAVY</b> .....	<b>152,373</b>	<b>152,373</b>
	<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>		
	<b>NAVY AMMUNITION</b>		
001	GENERAL PURPOSE BOMBS .....	74,021	74,021
002	JDAM .....	106,941	106,941
003	AIRBORNE ROCKETS, ALL TYPES .....	1,184	1,184
007	AIR EXPENDABLE COUNTERMEASURES .....	15,700	15,700
008	JATOS .....	540	540
012	OTHER SHIP GUN AMMUNITION .....	19,689	19,689
013	SMALL ARMS & LANDING PARTY AMMO .....	1,963	1,963
014	PYROTECHNIC AND DEMOLITION .....	765	765
016	AMMUNITION LESS THAN \$5 MILLION .....	866	866
	<b>MARINE CORPS AMMUNITION</b>		
020	MORTARS .....	1,290	1,290
023	DIRECT SUPPORT MUNITIONS .....	1,355	1,355
024	INFANTRY WEAPONS AMMUNITION .....	1,854	1,854
033	ARTILLERY MUNITIONS .....	10,272	10,272
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC</b> .....	<b>236,440</b>	<b>236,440</b>
	<b>OTHER PROCUREMENT, NAVY</b>		
	<b>OTHER SHIPBOARD EQUIPMENT</b>		
025	UNDERWATER EOD PROGRAMS .....	12,348	12,348
	<b>SMALL BOATS</b>		
032	STANDARD BOATS .....	18,000	18,000
	<b>SHIP SONARS</b>		
046	SSN ACOUSTIC EQUIPMENT .....	43,500	43,500
	<b>AVIATION ELECTRONIC EQUIPMENT</b>		
078	NAVAL MISSION PLANNING SYSTEMS .....	2,550	2,550
	<b>OTHER SHORE ELECTRONIC EQUIPMENT</b>		
080	TACTICAL/MOBILE C4I SYSTEMS .....	7,900	7,900
081	DCGS-N .....	6,392	6,392

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	Conference Authorized
	<b>CRYPTOGRAPHIC EQUIPMENT</b>		
100	MIO INTEL EXPLOITATION TEAM .....	3,100	3,100
	<b>CRYPTOLOGIC EQUIPMENT</b>		
101	CRYPTOLOGIC COMMUNICATIONS EQUIP .....	2,280	2,280
	<b>AIRCRAFT SUPPORT EQUIPMENT</b>		
119	AVIATION SUPPORT EQUIPMENT .....	29,245	29,245
	<b>SHIP MISSILE SYSTEMS EQUIPMENT</b>		
121	SHIP MISSILE SUPPORT EQUIPMENT .....	2,436	2,436
	<b>ASW SUPPORT EQUIPMENT</b>		
125	ASW SUPPORT EQUIPMENT .....	28,400	28,400
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>		
126	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	31,970	31,970
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>		
132	GENERAL PURPOSE TRUCKS .....	496	496
134	FIRE FIGHTING EQUIPMENT .....	2,304	2,304
135	TACTICAL VEHICLES .....	2,336	2,336
	<b>SUPPLY SUPPORT EQUIPMENT</b>		
141	SUPPLY EQUIPMENT .....	164	164
143	FIRST DESTINATION TRANSPORTATION .....	420	420
	<b>COMMAND SUPPORT EQUIPMENT</b>		
147	COMMAND SUPPORT EQUIPMENT .....	21,650	21,650
152	OPERATING FORCES SUPPORT EQUIPMENT .....	15,800	15,800
154	ENVIRONMENTAL SUPPORT EQUIPMENT .....	1,000	1,000
155	PHYSICAL SECURITY EQUIPMENT .....	15,890	15,890
	<b>CLASSIFIED PROGRAMS</b>		
161A	CLASSIFIED PROGRAMS .....	2,200	2,200
	<b>SPARES AND REPAIR PARTS</b>		
161	SPARES AND REPAIR PARTS .....	1,178	1,178
	<b>TOTAL OTHER PROCUREMENT, NAVY</b> .....	<b>251,559</b>	<b>251,559</b>
	<b>PROCUREMENT, MARINE CORPS</b>		
	<b>ARTILLERY AND OTHER WEAPONS</b>		
006	HIGH MOBILITY ARTILLERY ROCKET SYSTEM .....	5,360	5,360
	<b>GUIDED MISSILES</b>		
011	JAVELIN .....	2,833	2,833
012	FOLLOW ON TO SMAW .....	49	49
013	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H) .....	5,024	5,024
	<b>REPAIR AND TEST EQUIPMENT</b>		
017	REPAIR AND TEST EQUIPMENT .....	8,241	8,241
	<b>OTHER SUPPORT (TEL)</b>		
019	MODIFICATION KITS .....	750	750
	<b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>		
020	ITEMS UNDER \$5 MILLION (COMM & ELEC) .....	200	200
	<b>RADAR + EQUIPMENT (NON-TEL)</b>		
024	RQ-21 UAS .....	8,400	8,400
	<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>		
026	FIRE SUPPORT SYSTEM .....	50	50
027	INTELLIGENCE SUPPORT EQUIPMENT .....	3,000	3,000
	<b>OTHER SUPPORT (NON-TEL)</b>		
037	COMMAND POST SYSTEMS .....	5,777	5,777
038	RADIO SYSTEMS .....	4,590	4,590
	<b>ENGINEER AND OTHER EQUIPMENT</b>		
053	EOD SYSTEMS .....	21,000	21,000
	<b>TOTAL PROCUREMENT, MARINE CORPS</b> .....	<b>65,274</b>	<b>65,274</b>
	<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>		
	<b>OTHER AIRCRAFT</b>		
017	MQ-9 .....	271,080	271,080
	<b>AIRLIFT AIRCRAFT</b>		
033	C-17A .....	26,850	26,850
	<b>OTHER AIRCRAFT</b>		
048	C-130J MODS .....	8,400	8,400
051	COMPASS CALL MODS .....	56,720	56,720
056	E-8 .....	3,000	3,000
062	HC/MC-130 MODIFICATIONS .....	153,080	153,080
063	OTHER AIRCRAFT .....	10,381	10,381
065	MQ-9 MODS .....	56,400	56,400
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
067	INITIAL SPARES/REPAIR PARTS .....	129,450	129,450
	<b>COMMON SUPPORT EQUIPMENT</b>		
068	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	25,417	25,417
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> .....	<b>740,778</b>	<b>740,778</b>
	<b>MISSILE PROCUREMENT, AIR FORCE</b>		
	<b>TACTICAL</b>		
006	PREDATOR HELLFIRE MISSILE .....	294,480	294,480
007	SMALL DIAMETER BOMB .....	90,920	90,920
	<b>CLASS IV</b>		

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<b>SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS</b>			
<b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
011	AGM-65D MAVERICK .....	10,000	10,000
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE .....</b>	<b>395,400</b>	<b>395,400</b>
	<b>SPACE PROCUREMENT, AIR FORCE</b>		
	<b>SPACE PROGRAMS</b>		
010	MILSATCOM .....	2,256	2,256
	<b>TOTAL SPACE PROCUREMENT, AIR FORCE .....</b>	<b>2,256</b>	<b>2,256</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>		
	<b>ROCKETS</b>		
001	ROCKETS .....	49,050	49,050
	<b>CARTRIDGES</b>		
002	CARTRIDGES .....	11,384	11,384
	<b>BOMBS</b>		
006	JOINT DIRECT ATTACK MUNITION .....	390,577	390,577
	<b>FLARES</b>		
015	FLARES .....	3,498	3,498
	<b>FUZES</b>		
016	FUZES .....	47,000	47,000
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE .....</b>	<b>501,509</b>	<b>501,509</b>
	<b>OTHER PROCUREMENT, AIR FORCE</b>		
	<b>PASSENGER CARRYING VEHICLES</b>		
001	PASSENGER CARRYING VEHICLES .....	3,855	3,855
	<b>CARGO AND UTILITY VEHICLES</b>		
004	CARGO AND UTILITY VEHICLES .....	1,882	1,882
	<b>SPECIAL PURPOSE VEHICLES</b>		
005	SECURITY AND TACTICAL VEHICLES .....	1,100	1,100
006	SPECIAL PURPOSE VEHICLES .....	32,479	32,479
	<b>FIRE FIGHTING EQUIPMENT</b>		
007	FIRE FIGHTING/CRASH RESCUE VEHICLES .....	22,583	22,583
	<b>MATERIALS HANDLING EQUIPMENT</b>		
008	MATERIALS HANDLING VEHICLES .....	5,353	5,353
	<b>BASE MAINTENANCE SUPPORT</b>		
009	RUNWAY SNOW REMOV & CLEANING EQUIP .....	11,315	11,315
010	BASE MAINTENANCE SUPPORT VEHICLES .....	40,451	40,451
	<b>INTELLIGENCE PROGRAMS</b>		
013	INTERNATIONAL INTEL TECH & ARCHITECTURES .....	8,873	8,873
015	INTELLIGENCE COMM EQUIPMENT .....	2,000	2,000
	<b>ELECTRONICS PROGRAMS</b>		
016	AIR TRAFFIC CONTROL & LANDING SYS .....	56,500	56,500
019	THEATER AIR CONTROL SYS IMPROVEMENTS .....	4,970	4,970
	<b>SPCL COMM-ELECTRONICS PROJECTS</b>		
029	AIR FORCE PHYSICAL SECURITY SYSTEM .....	3,000	3,000
	<b>ORGANIZATION AND BASE</b>		
048	BASE COMM INFRASTRUCTURE .....	55,000	55,000
	<b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>		
051	ITEMS LESS THAN \$5 MILLION .....	8,469	8,469
	<b>BASE SUPPORT EQUIPMENT</b>		
053	BASE PROCURED EQUIPMENT .....	7,500	7,500
054	ENGINEERING AND EOD EQUIPMENT .....	80,427	80,427
056	ITEMS LESS THAN \$5 MILLION .....	110,405	110,405
	<b>SPECIAL SUPPORT PROJECTS</b>		
058	DARP RC135 .....	700	700
059	DCGS-AF .....	9,200	9,200
	<b>CLASSIFIED PROGRAMS</b>		
062A	CLASSIFIED PROGRAMS .....	3,542,825	3,542,825
	<b>TOTAL OTHER PROCUREMENT, AIR FORCE .....</b>	<b>4,008,887</b>	<b>4,008,887</b>
	<b>PROCUREMENT, DEFENSE-WIDE</b>		
	<b>MAJOR EQUIPMENT, DISA</b>		
008	TELEPORT PROGRAM .....	1,979	1,979
018	DEFENSE INFORMATION SYSTEMS NETWORK .....	12,000	12,000
	<b>CLASSIFIED PROGRAMS</b>		
045A	CLASSIFIED PROGRAMS .....	43,653	43,653
	<b>AVIATION PROGRAMS</b>		
046	MANNED ISR .....	15,900	15,900
047	MC-12 .....	20,000	20,000
050	UNMANNED ISR .....	38,933	38,933
051	NON-STANDARD AVIATION .....	9,600	9,600
052	U-28 .....	8,100	22,900
	Program increase—combat loss replacement .....		[14,800]
053	MH-47 CHINOOK .....	10,270	10,270
057	MQ-9 UNMANNED AERIAL VEHICLE .....	19,780	19,780
061	C-130 MODIFICATIONS .....	3,750	3,750
	<b>AMMUNITION PROGRAMS</b>		
063	ORDNANCE ITEMS <\$5M .....	62,643	62,643
	<b>OTHER PROCUREMENT PROGRAMS</b>		



<b>SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
064	INTELLIGENCE SYSTEMS .....	12,000	12,000
069	TACTICAL VEHICLES .....	38,527	38,527
070	WARRIOR SYSTEMS <\$5M .....	20,215	20,215
073	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	7,134	7,134
075	OPERATIONAL ENHANCEMENTS .....	193,542	209,442
	Unfunded requirement- Joint Task Force Platform Expansion .....		[15,900]
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE .....</b>	<b>518,026</b>	<b>548,726</b>
	<b>TOTAL PROCUREMENT .....</b>	<b>10,286,979</b>	<b>10,317,679</b>

1 **TITLE XLII—RESEARCH, DEVEL-**  
 2 **OPMENT, TEST, AND EVALUA-**  
 3 **TION**

Sec. 4201. Research, development, test, and evaluation.  
 Sec. 4202. Research, development, test, and evaluation for overseas contingency operations.

4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 5 **TION.**

<b>SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION</b> (In Thousands of Dollars)				
<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY</b>				
<b>BASIC RESEARCH</b>				
001	0601101A	IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....	12,010	12,010
002	0601102A	DEFENSE RESEARCH SCIENCES .....	263,590	263,590
003	0601103A	UNIVERSITY RESEARCH INITIATIVES .....	67,027	67,027
004	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS .....	87,395	92,395
		Basic research program increase .....		[5,000]
		<b>SUBTOTAL BASIC RESEARCH .....</b>	<b>430,022</b>	<b>435,022</b>
<b>APPLIED RESEARCH</b>				
005	0602105A	MATERIALS TECHNOLOGY .....	29,640	29,640
006	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY .....	35,730	35,730
007	0602122A	TRACTOR HIP .....	8,627	8,627
008	0602211A	AVIATION TECHNOLOGY .....	66,086	66,086
009	0602270A	ELECTRONIC WARFARE TECHNOLOGY .....	27,144	27,144
010	0602303A	MISSILE TECHNOLOGY .....	43,742	43,742
011	0602307A	ADVANCED WEAPONS TECHNOLOGY .....	22,785	22,785
012	0602308A	ADVANCED CONCEPTS AND SIMULATION .....	28,650	28,650
013	0602601A	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY .....	67,232	67,232
014	0602618A	BALLISTICS TECHNOLOGY .....	85,309	85,309
015	0602622A	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY.	4,004	4,004
016	0602623A	JOINT SERVICE SMALL ARMS PROGRAM .....	5,615	5,615
017	0602624A	WEAPONS AND MUNITIONS TECHNOLOGY .....	41,455	41,455
018	0602705A	ELECTRONICS AND ELECTRONIC DEVICES .....	58,352	60,352
		Program increase .....		[2,000]
019	0602709A	NIGHT VISION TECHNOLOGY .....	34,723	34,723
020	0602712A	COUNTERMINE SYSTEMS .....	26,190	26,190
021	0602716A	HUMAN FACTORS ENGINEERING TECHNOLOGY .....	24,127	24,127
022	0602720A	ENVIRONMENTAL QUALITY TECHNOLOGY .....	21,678	21,678
023	0602782A	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY .....	33,123	33,123
024	0602783A	COMPUTER AND SOFTWARE TECHNOLOGY .....	14,041	14,041
025	0602784A	MILITARY ENGINEERING TECHNOLOGY .....	67,720	67,720
026	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY .....	20,216	20,216
027	0602786A	WARFIGHTER TECHNOLOGY .....	39,559	44,559
		Program increase .....		[5,000]
028	0602787A	MEDICAL TECHNOLOGY .....	83,434	83,434
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>889,182</b>	<b>896,182</b>
<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>				

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Conference Authorized
029	0603001A	WARFIGHTER ADVANCED TECHNOLOGY .....	44,863	44,863
030	0603002A	MEDICAL ADVANCED TECHNOLOGY .....	67,780	67,780
031	0603003A	AVIATION ADVANCED TECHNOLOGY .....	160,746	160,746
032	0603004A	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY .....	84,079	84,079
033	0603005A	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY.	125,537	125,537
034	0603006A	SPACE APPLICATION ADVANCED TECHNOLOGY .....	12,231	12,231
035	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY.	6,466	6,466
036	0603009A	TRACTOR HIKE .....	40,552	40,552
037	0603015A	NEXT GENERATION TRAINING & SIMULATION SYSTEMS .....	16,434	16,434
039	0603125A	COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT .....	26,903	26,903
040	0603130A	TRACTOR NAIL .....	4,880	4,880
041	0603131A	TRACTOR EGGS .....	4,326	4,326
042	0603270A	ELECTRONIC WARFARE TECHNOLOGY .....	31,296	31,296
043	0603313A	MISSILE AND ROCKET ADVANCED TECHNOLOGY .....	62,850	64,850
		Simulation upgrades for land based anti-ship missile development ....		[2,000]
044	0603322A	TRACTOR CAGE .....	12,323	12,323
045	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM.	182,331	182,331
046	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY.	17,948	17,948
047	0603607A	JOINT SERVICE SMALL ARMS PROGRAM .....	5,796	5,796
048	0603710A	NIGHT VISION ADVANCED TECHNOLOGY .....	47,135	47,135
049	0603728A	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS	10,421	10,421
050	0603734A	MILITARY ENGINEERING ADVANCED TECHNOLOGY .....	32,448	27,448
		Combat engineering system .....		[-5,000]
051	0603772A	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY.	52,206	52,206
052	0603794A	C3 ADVANCED TECHNOLOGY .....	33,426	33,426
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.</b>	<b>1,082,977</b>	<b>1,079,977</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
053	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION .....	9,634	9,634
055	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	42,649	42,649
056	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV .....	72,909	72,909
057	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV	7,135	7,135
058	0603639A	TANK AND MEDIUM CALIBER AMMUNITION .....	41,452	72,352
		UFR: Munitions and CM development .....		[24,450]
		Unfunded requirement—JLTV lethality 30mm upgrade .....		[4,000]
		Unfunded requirement—RF countermeasures .....		[2,450]
059	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV .....	32,739	82,739
		Unfunded requirement .....		[50,000]
060	0603747A	SOLDIER SUPPORT AND SURVIVABILITY .....	10,157	10,157
061	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV ..	27,733	29,353
		UFR: Funds of the Advanced Miniaturized Data Acquisition System-Next.		[1,620]
062	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT .....	12,347	12,347
063	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL .....	10,456	10,456
064	0603790A	NATO RESEARCH AND DEVELOPMENT .....	2,588	2,588
065	0603801A	AVIATION—ADV DEV .....	14,055	14,055
066	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV .....	35,333	35,333
067	0603807A	MEDICAL SYSTEMS—ADV DEV .....	33,491	33,491
068	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT .....	20,239	35,239
		Enhanced lightweight body armor and combat helmets technology ....		[15,000]
069	0604017A	ROBOTICS DEVELOPMENT .....	39,608	39,608
070	0604100A	ANALYSIS OF ALTERNATIVES .....	9,921	9,921
071	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR .....	76,728	76,728
072	0604115A	TECHNOLOGY MATURATION INITIATIVES .....	115,221	115,221
073	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD) .....	20,000	20,000
074	0604118A	TRACTOR BEAM .....	10,400	10,400
075	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT) .....	164,967	164,967
076	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING.	1,600	1,600
077	0604319A	INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2—INTERCEPT (IFPC2).	11,303	11,303
078	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT ....	56,492	56,492
079	1206308A	ARMY SPACE SYSTEMS INTEGRATION .....	20,432	20,432
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>899,589</b>	<b>997,109</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
080	0604201A	AIRCRAFT AVIONICS .....	30,153	42,153
		UFR: Funds implementation of Assured Position, Navigation, and Timing (A-PNT).		[12,000]
081	0604270A	ELECTRONIC WARFARE DEVELOPMENT .....	71,671	71,671

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Conference Authorized
083	0604290A	MID-TIER NETWORKING VEHICULAR RADIO (MNV)R) .....	10,589	10,589
084	0604321A	ALL SOURCE ANALYSIS SYSTEM .....	4,774	4,774
085	0604328A	TRACTOR CAGE .....	17,252	30,252
		UFR: Provides the Army's Cyber Mission Force (CMF) with classified cyber tools.		[13,000]
086	0604601A	INFANTRY SUPPORT WEAPONS .....	87,643	88,793
		UFR: Acceleration of qualification of XM914 and XM913 .....		[6,000]
		XM-25 contract termination .....		[-4,850]
087	0604604A	MEDIUM TACTICAL VEHICLES .....	6,039	6,039
088	0604611A	JAVELIN .....	21,095	21,095
089	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES .....	10,507	10,507
090	0604633A	AIR TRAFFIC CONTROL .....	3,536	3,536
092	0604642A	LIGHT TACTICAL WHEELED VEHICLES .....	7,000	7,000
093	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV .....	36,242	36,242
094	0604710A	NIGHT VISION SYSTEMS—ENG DEV .....	108,504	126,004
		UFR: Develop Thermal Weapon Sights .....		[17,500]
095	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT .....	3,702	3,702
096	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV .....	43,575	43,575
097	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.	28,726	28,726
098	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT .....	18,562	18,562
099	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT .....	8,344	8,344
100	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV	11,270	11,270
101	0604768A	BRILLIANT ANTI-ARMOR SUBMUNITION (BAT) .....	10,000	10,000
102	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE .....	18,566	18,566
103	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION .....	145,360	145,360
104	0604802A	WEAPONS AND MUNITIONS—ENG DEV .....	145,232	157,410
		UFR: 105mm Anti-Personnel / Wall Breach Ammunition .....		[8,000]
		UFR: Devops the 40mm Low Velocity M320 Door Breaching cartridge.		[4,178]
105	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV .....	90,965	90,965
106	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV.	9,910	9,910
107	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.	39,238	39,238
108	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV .....	34,684	34,684
109	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.	164,409	164,409
110	0604820A	RADAR DEVELOPMENT .....	32,968	32,968
111	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS) ....	49,554	49,554
112	0604823A	FIREFINDER .....	45,605	45,605
113	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL .....	16,127	16,127
114	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD ....	98,600	133,600
		UFR: Expands installation of Active Protection Systems .....		[25,000]
		UFR: Modular Active Protection System .....		[10,000]
115	0604854A	ARTILLERY SYSTEMS—EMD .....	1,972	3,972
		Unfunded requirement—IT3 demonstrator .....		[2,000]
116	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT .....	81,776	81,776
117	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A) ..	172,361	172,361
118	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV) .....	199,778	199,778
119	0605029A	INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C).	4,418	4,418
120	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC) .....	15,877	15,877
121	0605031A	JOINT TACTICAL NETWORK (JTN) .....	44,150	44,150
122	0605032A	TRACTOR TIRE .....	34,670	113,570
		UFR: Develops Offensive Cyber Operations capabilities .....		[78,900]
123	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EXPEDITIONARY (GBOSS-E).	5,207	5,207
124	0605034A	TACTICAL SECURITY SYSTEM (TSS) .....	4,727	4,727
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRC) .....	105,778	105,778
126	0605036A	COMBATING WEAPONS OF MASS DESTRUCTION (CWMD) .....	6,927	6,927
127	0605037A	EVIDENCE COLLECTION AND DETAINEE PROCESSING .....	214	214
128	0605038A	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE.	16,125	16,125
129	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT .....	55,165	55,165
130	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER) .....	20,076	20,076
131	0605047A	CONTRACT WRITING SYSTEM .....	20,322	20,322
132	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM) .....	55,810	210,810
		UFR: Supports Directed Requirement for Limited Interim Missile Warning System to detect Enemy (MANPADS).		[155,000]
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT .....	30,879	30,879
134	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1 ....	175,069	175,069
135	0605053A	GROUND ROBOTICS .....	70,760	70,760
137	0605380A	AMF JOINT TACTICAL RADIO SYSTEM (JTRS) .....	8,965	8,965
138	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM) .....	34,626	34,626
140	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD) .....	336,420	252,320
		Program Reduction .....		[-84,100]
143	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP) .....	6,882	9,382

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Conference Authorized
		UFR: Funds development for Remote Ground Terminal .....		[2,500]
144	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.	23,467	23,467
145	0605830A	AVIATION GROUND SUPPORT EQUIPMENT .....	6,930	6,930
146	0210609A	PALADIN INTEGRATED MANAGEMENT (PIM) .....	6,112	6,112
147	0303032A	TROJAN—RH12 .....	4,431	4,431
150	0304270A	ELECTRONIC WARFARE DEVELOPMENT .....	14,616	14,616
151	1205117A	TRACTOR BEARS .....	17,928	17,928
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>3,012,840</b>	<b>3,257,968</b>
		<b>RDT&amp;E MANAGEMENT SUPPORT</b>		
152	0604256A	THREAT SIMULATOR DEVELOPMENT .....	22,862	22,862
153	0604258A	TARGET SYSTEMS DEVELOPMENT .....	13,902	13,902
154	0604759A	MAJOR T&E INVESTMENT .....	102,901	102,901
155	0605103A	RAND ARROYO CENTER .....	20,140	20,140
156	0605301A	ARMY KWAJALEIN ATOLL .....	246,663	246,663
157	0605326A	CONCEPTS EXPERIMENTATION PROGRAM .....	29,820	29,820
159	0605601A	ARMY TEST RANGES AND FACILITIES .....	307,588	307,588
160	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS ..	49,242	49,242
161	0605604A	SURVIVABILITY/LETHALITY ANALYSIS .....	41,843	41,843
162	0605606A	AIRCRAFT CERTIFICATION .....	4,804	4,804
163	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES .....	7,238	7,238
164	0605706A	MATERIEL SYSTEMS ANALYSIS .....	21,890	21,890
165	0605709A	EXPLOITATION OF FOREIGN ITEMS .....	12,684	12,684
166	0605712A	SUPPORT OF OPERATIONAL TESTING .....	51,040	51,040
167	0605716A	ARMY EVALUATION CENTER .....	56,246	56,246
168	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG .....	1,829	1,829
169	0605801A	PROGRAMWIDE ACTIVITIES .....	55,060	55,060
170	0605803A	TECHNICAL INFORMATION ACTIVITIES .....	33,934	33,934
171	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY.	43,444	43,444
172	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT ....	5,087	5,087
173	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA .....	54,679	54,679
174	0606001A	MILITARY GROUND-BASED CREW TECHNOLOGY .....	7,916	7,916
175	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE ...	61,254	61,254
176	0303260A	DEFENSE MILITARY DECEPTION INITIATIVE .....	1,779	1,779
		<b>SUBTOTAL RDT&amp;E MANAGEMENT SUPPORT</b>	<b>1,253,845</b>	<b>1,253,845</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
178	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM .....	8,929	8,929
179	0603813A	TRACTOR PULL .....	4,014	4,014
180	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT .....	4,094	4,094
181	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	15,738	15,738
182	0607133A	TRACTOR SMOKE .....	4,513	4,513
183	0607134A	LONG RANGE PRECISION FIRES (LRPF) .....	102,014	158,745
		UFR: Accelerates LRPF procurement from FY25 .....		[42,731]
		Unfunded requirement—CDAEM Bridging Strategy - M999 T&E ...		[14,000]
184	0607135A	APACHE PRODUCT IMPROVEMENT PROGRAM .....	59,977	59,977
185	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM .....	34,416	43,716
		Unfunded requirement—UH-60V development .....		[9,300]
186	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM .....	194,567	194,567
187	0607138A	FIXED WING PRODUCT IMPROVEMENT PROGRAM .....	9,981	9,981
188	0607139A	IMPROVED TURBINE ENGINE PROGRAM .....	204,304	204,304
189	0607140A	EMERGING TECHNOLOGIES FROM NIE .....	1,023	1,023
190	0607141A	LOGISTICS AUTOMATION .....	1,504	1,504
191	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.	10,064	18,064
		UFR: Qualifies M282 for use by AH-64 aircraft .....		[8,000]
192	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS .....	38,463	38,463
193	0607665A	FAMILY OF BIOMETRICS .....	6,159	6,159
194	0607865A	PATRIOT PRODUCT IMPROVEMENT .....	90,217	180,217
		UFR: Funds Terminal High Altitude Area Defense (THAAD)/Missile Segment Enhanced (MSE) integration.		[90,000]
195	0202429A	AEROSTAT JOINT PROJECT—COCOM EXERCISE .....	6,749	6,749
196	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCs).	33,520	33,520
197	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS .....	343,175	351,175
		Unfunded requirement—M88A2E1 .....		[8,000]
198	0203740A	MANEUVER CONTROL SYSTEM .....	6,639	6,639
199	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS .....	40,784	40,784
200	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.	39,358	39,358
201	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM ....	145	145
202	0203758A	DIGITIZATION .....	4,803	4,803
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM ...	2,723	28,723
		UFR: Supports research for the Stinger Product Improvement Program (PIP).		[26,000]

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Line	Program Element	Item	FY 2018 Request	Conference Authorized
204	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS .....	5,000	5,000
205	0203808A	TRACTOR CARD .....	37,883	37,883
207	0205410A	MATERIALS HANDLING EQUIPMENT .....	1,582	1,582
208	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV. ....	195	195
209	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM .....	78,926	78,926
210	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS) .....	102,807	102,807
213	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES .....	13,807	35,652
		UFR: Funds Offensive Cyber capabilities development .....		[21,845]
214	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM .....	132,438	132,438
215	0303141A	GLOBAL COMBAT SUPPORT SYSTEM .....	64,370	64,370
217	0303150A	WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM .....	10,475	10,475
220	0305172A	COMBINED ADVANCED APPLICATIONS .....	1,100	1,100
222	0305204A	TACTICAL UNMANNED AERIAL VEHICLES .....	9,433	9,433
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	5,080	5,080
224	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	24,700	20,480
		Historical underexecution .....		[-4,220]
225	0305219A	MQ-1C GRAY EAGLE UAS .....	9,574	9,574
226	0305232A	RQ-11 UAV .....	2,191	2,191
227	0305233A	RQ-7 UAV .....	12,773	12,773
228	0307665A	BIOMETRICS ENABLED INTELLIGENCE .....	2,537	2,537
229	0310349A	WIN-T INCREMENT 2—INITIAL NETWORKING .....	4,723	4,723
230	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES .....	60,877	65,877
		Development of improved manufacturing technology for separation, extraction, smelter, sintering, leaching, processing, beneficiation, or production of specialty metals such as lanthanide elements, yttrium or scandium. ....		[5,000]
231	1203142A	SATCOM GROUND ENVIRONMENT (SPACE) .....	11,959	11,959
232	1208053A	JOINT TACTICAL GROUND SYSTEM .....	10,228	10,228
232A	9999999999	CLASSIFIED PROGRAMS .....	7,154	7,154
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b> .....	<b>1,877,685</b>	<b>2,098,341</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>	<b>9,446,140</b>	<b>10,018,444</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY</b>		
		<b>BASIC RESEARCH</b>		
001	0601103N	UNIVERSITY RESEARCH INITIATIVES .....	118,130	128,130
		Defense University Research Instrumentation Program .....		[10,000]
002	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....	19,438	19,438
003	0601153N	DEFENSE RESEARCH SCIENCES .....	458,333	458,333
		<b>SUBTOTAL BASIC RESEARCH</b> .....	<b>595,901</b>	<b>605,901</b>
		<b>APPLIED RESEARCH</b>		
004	0602114N	POWER PROJECTION APPLIED RESEARCH .....	13,553	13,553
005	0602123N	FORCE PROTECTION APPLIED RESEARCH .....	125,557	125,557
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY .....	53,936	53,936
007	0602235N	COMMON PICTURE APPLIED RESEARCH .....	36,450	36,450
008	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH .....	48,649	48,649
009	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH .....	79,598	79,598
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH ...	42,411	57,411
		AGOR SLEP .....		[15,000]
011	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH .....	6,425	6,425
012	0602747N	UNDERSEA WARFARE APPLIED RESEARCH .....	56,094	66,094
		Program increase .....		[10,000]
013	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH .....	156,805	156,805
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH ..	32,733	34,733
		MS-177A Maritime Sensor .....		[2,000]
015	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH	171,146	164,146
		General decrease .....		[-7,000]
016	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.	62,722	62,722
		<b>SUBTOTAL APPLIED RESEARCH</b> .....	<b>886,079</b>	<b>906,079</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
019	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY .....	26,342	26,342
020	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY .....	9,360	9,360
021	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD) .....	154,407	154,407
022	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	13,448	13,448
023	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DE-VELOPMENT.	231,772	229,030
		Capable manpower, enterprise and platform enablers .....		[-2,742]
024	0603680N	MANUFACTURING TECHNOLOGY PROGRAM .....	57,797	57,797
025	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY .....	4,878	4,878
027	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	64,889	64,889
028	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.	15,164	15,164
029	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	108,285	133,285

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Line	Program Element	Item	FY 2018 Request	Conference Authorized
		Program increase for railgun tactical demonstrator .....		[10,000]
		Underwater unmanned vehicle prototypes .....		[15,000]
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.</b>	<b>686,342</b>	<b>708,600</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
030	0603207N	AIR/OCEAN TACTICAL APPLICATIONS .....	48,365	48,365
031	0603216N	AVIATION SURVIVABILITY .....	5,566	5,566
033	0603251N	AIRCRAFT SYSTEMS .....	695	695
034	0603254N	ASW SYSTEMS DEVELOPMENT .....	7,661	7,661
035	0603261N	TACTICAL AIRBORNE RECONNAISSANCE .....	3,707	3,707
036	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY .....	61,381	61,381
037	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	154,117	118,117
		Reduce Barracuda .....		[-16,000]
		Reduce Snakehead .....		[-20,000]
038	0603506N	SURFACE SHIP TORPEDO DEFENSE .....	14,974	14,974
039	0603512N	CARRIER SYSTEMS DEVELOPMENT .....	9,296	9,296
040	0603525N	PILOT FISH .....	132,083	132,083
041	0603527N	RETRACT LARCH .....	15,407	15,407
042	0603536N	RETRACT JUNIPER .....	122,413	122,413
043	0603542N	RADIOLOGICAL CONTROL .....	745	745
044	0603553N	SURFACE ASW .....	1,136	1,136
045	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT .....	100,955	100,955
046	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS .....	13,834	13,834
047	0603563N	SHIP CONCEPT ADVANCED DESIGN .....	36,891	36,891
048	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES .....	12,012	42,012
		Aircraft carrier preliminary design .....		[30,000]
049	0603570N	ADVANCED NUCLEAR POWER SYSTEMS .....	329,500	329,500
050	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS .....	29,953	29,953
051	0603576N	CHALK EAGLE .....	191,610	191,610
052	0603581N	LITTORAL COMBAT SHIP (LCS) .....	40,991	40,991
053	0603582N	COMBAT SYSTEM INTEGRATION .....	24,674	24,674
054	0603595N	OHIO REPLACEMENT .....	776,158	776,158
055	0603596N	LCS MISSION MODULES .....	116,871	116,871
056	0603597N	AUTOMATED TEST AND ANALYSIS .....	8,052	8,052
057	0603599N	FRIGATE DEVELOPMENT .....	143,450	143,450
058	0603609N	CONVENTIONAL MUNITIONS .....	8,909	8,909
060	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM .....	1,428	1,428
061	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	53,367	53,367
063	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT .....	8,212	8,212
064	0603721N	ENVIRONMENTAL PROTECTION .....	20,214	20,214
065	0603724N	NAVY ENERGY PROGRAM .....	50,623	25,623
		Program strategy change .....		[-25,000]
066	0603725N	FACILITIES IMPROVEMENT .....	2,837	2,837
067	0603734N	CHALK CORAL .....	245,143	245,143
068	0603739N	NAVY LOGISTIC PRODUCTIVITY .....	2,995	2,995
069	0603746N	RETRACT MAPLE .....	306,101	306,101
070	0603748N	LINK PLUMERIA .....	253,675	253,675
071	0603751N	RETRACT ELM .....	55,691	55,691
072	0603764N	LINK EVERGREEN .....	48,982	48,982
074	0603790N	NATO RESEARCH AND DEVELOPMENT .....	9,099	9,099
075	0603795N	LAND ATTACK TECHNOLOGY .....	33,568	33,568
076	0603851M	JOINT NON-LETHAL WEAPONS TESTING .....	29,873	29,873
077	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/ VAL.	106,391	106,391
078	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS .....	107,310	122,310
		Program increase for railgun tactical demonstrator .....		[15,000]
079	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80).	83,935	83,935
081	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).	46,844	46,844
083	0604286M	MARINE CORPS ADDITIVE MANUFACTURING TECHNOLOGY DEVELOPMENT.	6,200	6,200
085	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE .....	7,055	17,055
		Increase rapid acquisition capability for Marine Corps Warfighting Lab.		[10,000]
086	0604454N	LX (R) .....	9,578	9,578
087	0604536N	ADVANCED UNDERSEA PROTOTYPING .....	66,543	66,543
089	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM .....	31,315	31,315
090	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ ENGINEERING SUPPORT.	42,851	42,851
091	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOP- MENT.	160,694	160,694
093	0303354N	ASW SYSTEMS DEVELOPMENT—MIP .....	8,278	8,278
094	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM .....	7,979	7,979
095	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP .....	527	527
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>4,218,714</b>	<b>4,212,714</b>

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Line	Program Element	Item	FY 2018 Request	Conference Authorized
<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>				
096	0603208N	TRAINING SYSTEM AIRCRAFT .....	16,945	16,945
097	0604212N	OTHER HELO DEVELOPMENT .....	26,786	26,786
098	0604214N	AV-8B AIRCRAFT—ENG DEV .....	48,780	48,780
099	0604215N	STANDARDS DEVELOPMENT .....	2,722	2,722
100	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT .....	5,371	5,371
101	0604218N	AIR/OCEAN EQUIPMENT ENGINEERING .....	782	782
102	0604221N	P-3 MODERNIZATION PROGRAM .....	1,361	1,361
103	0604230N	WARFARE SUPPORT SYSTEM .....	14,167	14,167
104	0604231N	TACTICAL COMMAND SYSTEM .....	55,695	55,695
105	0604234N	ADVANCED HAWKEYE .....	292,535	292,535
106	0604245N	H-1 UPGRADES .....	61,288	61,288
107	0604261N	ACOUSTIC SEARCH SENSORS .....	37,167	37,167
108	0604262N	V-22A .....	171,386	186,386
		UFR: MV-22 Common Configuration CC-RAM improvements .....		[15,000]
109	0604264N	AIR CREW SYSTEMS DEVELOPMENT .....	13,235	33,235
		Air Crew Sensor Improvements .....		[10,000]
		Physiological Episode prize competition .....		[10,000]
110	0604269N	EA-18 .....	173,488	173,488
111	0604270N	ELECTRONIC WARFARE DEVELOPMENT .....	54,055	57,055
		Unfunded requirement—Intrepid Tiger II (V)3 UH-1Y jettison capability.		[3,000]
112	0604273N	EXECUTIVE HELO DEVELOPMENT .....	451,938	451,938
113	0604274N	NEXT GENERATION JAMMER (NGJ) .....	632,936	628,936
		Unjustified cost growth .....		[-4,000]
114	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY) .....	4,310	4,310
115	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II .....	66,686	66,686
116	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING .....	390,238	390,238
117	0604311N	LPD-17 CLASS SYSTEMS INTEGRATION .....	689	689
118	0604329N	SMALL DIAMETER BOMB (SDB) .....	112,846	112,846
119	0604366N	STANDARD MISSILE IMPROVEMENTS .....	158,578	158,578
120	0604373N	AIRBORNE MCM .....	15,734	15,734
122	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING.	25,445	25,445
124	0604501N	ADVANCED ABOVE WATER SENSORS .....	87,233	87,233
125	0604503N	SSN-688 AND TRIDENT MODERNIZATION .....	130,981	130,981
126	0604504N	AIR CONTROL .....	75,186	75,186
127	0604512N	SHIPBOARD AVIATION SYSTEMS .....	177,926	177,926
128	0604518N	COMBAT INFORMATION CENTER CONVERSION .....	8,062	8,062
129	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM .....	32,090	32,090
130	0604558N	NEW DESIGN SSN .....	120,087	120,087
131	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM .....	50,850	50,850
132	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E .....	67,166	67,166
133	0604574N	NAVY TACTICAL COMPUTER RESOURCES .....	4,817	4,817
134	0604580N	VIRGINIA PAYLOAD MODULE (VPM) .....	72,861	72,861
135	0604601N	MINE DEVELOPMENT .....	25,635	25,635
136	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT .....	28,076	28,076
137	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	7,561	7,561
138	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS .....	40,828	40,828
139	0604727N	JOINT STANDOFF WEAPON SYSTEMS .....	435	435
140	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL) .....	161,713	161,713
141	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL) .....	212,412	212,412
142	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) .....	103,391	103,391
143	0604761N	INTELLIGENCE ENGINEERING .....	34,855	34,855
144	0604771N	MEDICAL DEVELOPMENT .....	9,353	9,353
145	0604777N	NAVIGATION/ID SYSTEM .....	92,546	92,546
146	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD .....	152,934	244,134
		SDD plus up .....		[91,200]
147	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD .....	108,931	175,631
		SDD plus up .....		[66,700]
148	0604810M	JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—MARINE CORPS.	144,958	144,958
149	0604810N	JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—NAVY.	143,855	143,855
150	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT .....	14,865	14,865
151	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT .....	152,977	152,977
152	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT .....	3,410	3,410
153	0605212N	CH-53K RDTE .....	340,758	340,758
154	0605215N	MISSION PLANNING .....	33,430	33,430
155	0605217N	COMMON AVIONICS .....	58,163	58,163
156	0605220N	SHIP TO SHORE CONNECTOR (SSC) .....	22,410	22,410
157	0605327N	T-AO 205 CLASS .....	1,961	1,961
158	0605414N	UNMANNED CARRIER AVIATION (UCA) .....	222,208	222,208
159	0605450N	JOINT AIR-TO-GROUND MISSILE (JAGM) .....	15,473	15,473
160	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA) .....	11,795	11,795
161	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III .....	181,731	181,731
162	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION.	178,993	178,993

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163	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION.	20,710	20,710
164	0204202N	DDG-1000 .....	140,500	140,500
168	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS .....	28,311	28,311
170	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	4,502	4,502
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>6,362,102</b>	<b>6,554,002</b>
		<b>MANAGEMENT SUPPORT</b>		
171	0604256N	THREAT SIMULATOR DEVELOPMENT .....	91,819	91,819
172	0604258N	TARGET SYSTEMS DEVELOPMENT .....	23,053	23,053
173	0604759N	MAJOR T&E INVESTMENT .....	52,634	59,634
		Program increase .....		[7,000]
174	0605126N	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION	141	141
175	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY .....	3,917	3,917
176	0605154N	CENTER FOR NAVAL ANALYSES .....	50,432	50,432
179	0605804N	TECHNICAL INFORMATION SERVICES .....	782	782
180	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT .....	94,562	94,562
181	0605856N	STRATEGIC TECHNICAL SUPPORT .....	4,313	4,313
182	0605861N	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT .....	1,104	1,104
183	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT .....	105,666	105,666
184	0605864N	TEST AND EVALUATION SUPPORT .....	373,667	413,667
		Program increase .....		[40,000]
185	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY .....	20,298	20,298
186	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT .....	17,341	17,341
188	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT .....	21,751	21,751
189	0605898N	MANAGEMENT HQ—R&D .....	44,279	44,279
190	0606355N	WARFARE INNOVATION MANAGEMENT .....	28,841	28,841
191	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES).	1,749	1,749
194	1206867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT .....	9,408	9,408
		<b>SUBTOTAL MANAGEMENT SUPPORT</b> .....	<b>945,757</b>	<b>992,757</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
196	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC) .....	92,571	103,571
		CEC IFF Mode 5 Acceleration .....		[11,000]
197	0607700N	DEPLOYABLE JOINT COMMAND AND CONTROL .....	3,137	3,137
198	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT .....	135,219	135,219
199	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM .....	36,242	36,242
200	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT .....	12,053	12,053
201	0101402N	NAVY STRATEGIC COMMUNICATIONS .....	18,221	18,221
203	0204136N	F/A-18 SQUADRONS .....	224,470	216,042
		Program reduction- delayed procurement rates .....		[-8,428]
204	0204163N	FLEET TELECOMMUNICATIONS (TACTICAL) .....	33,525	33,525
205	0204228N	SURFACE SUPPORT .....	24,829	24,829
206	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).	133,617	142,617
		Tomahawk Modernization .....		[9,000]
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM .....	38,972	38,972
208	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	3,940	3,940
209	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....	54,645	54,645
210	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT .....	66,518	66,518
211	0204574N	CRYPTOLOGIC DIRECT SUPPORT .....	1,155	1,155
212	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT .....	51,040	51,040
213	0205601N	HARM IMPROVEMENT .....	87,989	97,989
		Unfunded requirement—AARGM Derivative Program .....		[10,000]
214	0205604N	TACTICAL DATA LINKS .....	89,852	89,852
215	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION .....	29,351	29,351
216	0205632N	MK-48 ADCAP .....	68,553	68,553
217	0205633N	AVIATION IMPROVEMENTS .....	119,099	119,099
218	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS .....	127,445	127,445
219	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS .....	123,825	123,825
220	0206333M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S).	7,343	7,343
221	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS.	66,009	66,009
222	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT .....	25,258	25,258
223	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	30,886	30,886
224	0206629M	AMPHIBIOUS ASSAULT VEHICLE .....	58,728	58,728
225	0207161N	TACTICAL AIM MISSILES .....	42,884	51,884
		Unfunded requirement—AIM-9X Blk II Systems Improvement program.		[9,000]
226	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) ...	25,364	25,364
232	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES).	24,271	24,271
233	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM .....	50,269	50,269
236	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES .....	6,352	6,352



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237	0305204N	TACTICAL UNMANNED AERIAL VEHICLES .....	7,770	7,770
238	0305205N	UAS INTEGRATION AND INTEROPERABILITY .....	39,736	39,736
239	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	12,867	12,867
240	0305208N	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	46,150	46,150
241	0305220N	MQ-4C TRITON .....	84,115	84,115
242	0305231N	MQ-8 UAV .....	62,656	62,656
243	0305232M	RQ-11 UAV .....	2,022	2,022
245	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASL0) .....	4,835	4,835
246	0305239M	RQ-21A .....	8,899	8,899
247	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT .....	99,020	99,020
248	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP) .....	18,578	18,578
249	0305421N	RQ-4 MODERNIZATION .....	229,404	229,404
250	0308601N	MODELING AND SIMULATION SUPPORT .....	5,238	5,238
251	0702207N	DEPOT MAINTENANCE (NON-IP) .....	38,227	38,227
252	0708730N	MARITIME TECHNOLOGY (MARITECH) .....	4,808	4,808
253	1203109N	SATELLITE COMMUNICATIONS (SPACE) .....	37,836	37,836
253A	9999999999	CLASSIFIED PROGRAMS .....	1,424,347	1,424,347
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b>	<b>4,040,140</b>	<b>4,070,712</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>	<b>17,735,035</b>	<b>18,050,765</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF</b>		
		<b>BASIC RESEARCH</b>		
001	0601102F	DEFENSE RESEARCH SCIENCES .....	342,919	342,919
002	0601103F	UNIVERSITY RESEARCH INITIATIVES .....	147,923	147,923
003	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES .....	14,417	14,417
		<b>SUBTOTAL BASIC RESEARCH</b>	<b>505,259</b>	<b>505,259</b>
		<b>APPLIED RESEARCH</b>		
004	0602102F	MATERIALS .....	124,264	124,264
005	0602201F	AEROSPACE VEHICLE TECHNOLOGIES .....	124,678	129,678
		Program increase .....		[5,000]
006	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH .....	108,784	128,284
		Advanced training environments .....		[19,500]
007	0602203F	AEROSPACE PROPULSION .....	192,695	200,195
		Educational Partnership Agreements .....		[5,000]
		Unfunded Requirement .....		[2,500]
008	0602204F	AEROSPACE SENSORS .....	152,782	152,782
009	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEAD- QUARTERS ACTIVITIES.	8,353	8,353
010	0602601F	SPACE TECHNOLOGY .....	116,503	116,503
011	0602602F	CONVENTIONAL MUNITIONS .....	112,195	112,195
012	0602605F	DIRECTED ENERGY TECHNOLOGY .....	132,993	141,293
		Unfunded Requirement .....		[8,300]
013	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS .....	167,818	167,818
014	0602890F	HIGH ENERGY LASER RESEARCH .....	43,049	43,049
		<b>SUBTOTAL APPLIED RESEARCH</b>	<b>1,284,114</b>	<b>1,324,414</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
015	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS .....	37,856	37,856
016	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T) .....	22,811	22,811
017	0603203F	ADVANCED AEROSPACE SENSORS .....	40,978	40,978
018	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO .....	115,966	121,666
		Unfunded requirement .....		[5,700]
019	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY .....	104,499	117,999
		Unfunded requirement .....		[13,500]
020	0603270F	ELECTRONIC COMBAT TECHNOLOGY .....	60,551	60,551
021	0603401F	ADVANCED SPACECRAFT TECHNOLOGY .....	58,910	58,910
022	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS) .....	10,433	10,433
023	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT.	33,635	33,635
024	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY .....	167,415	167,415
025	0603605F	ADVANCED WEAPONS TECHNOLOGY .....	45,502	45,502
026	0603680F	MANUFACTURING TECHNOLOGY PROGRAM .....	46,450	46,450
027	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION.	49,011	49,011
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.</b>	<b>794,017</b>	<b>813,217</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
028	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT .....	5,652	5,652
030	0603742F	COMBAT IDENTIFICATION TECHNOLOGY .....	24,397	24,397
031	0603790F	NATO RESEARCH AND DEVELOPMENT .....	3,851	3,851
033	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL .....	10,736	10,736
034	0603859F	POLLUTION PREVENTION—DEM/VAL .....	2	2
035	0604015F	LONG RANGE STRIKE—BOMBER .....	2,003,580	2,003,580

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036	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....	65,458	65,458
037	0604257F	ADVANCED TECHNOLOGY AND SENSORS .....	68,719	94,919
		Unfunded requirement—ASARS-2B .....		[11,500]
		Unfunded requirement—Hyperspectral Chip Development .....		[14,700]
038	0604288F	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP .....	7,850	7,850
039	0604317F	TECHNOLOGY TRANSFER .....	3,295	3,295
040	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.	17,365	17,365
041	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS .....	32,253	42,453
		UFR: Cyber Security & Resiliency for Weapon Systems .....		[10,200]
044	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D .....	26,222	26,222
046	0604858F	TECH TRANSITION PROGRAM .....	840,650	935,650
		UFR: Directed Energy Prototyping .....		[70,000]
		UFR: Hypersonics Prototyping .....		[10,000]
		Unfunded requirement—Long-Endurance Aerial Platform(LEAP) Ahead Prototyping.		[15,000]
047	0605230F	GROUND BASED STRATEGIC DETERRENT .....	215,721	215,721
049	0207110F	NEXT GENERATION AIR DOMINANCE .....	294,746	421,746
		Unfunded Requirement .....		[127,000]
050	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR) .....	10,645	10,645
052	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA) .....	41,509	41,509
053	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	316,787	316,787
054	0306415F	ENABLED CYBER ACTIVITIES .....	16,687	16,687
055	0408011F	SPECIAL TACTICS / COMBAT CONTROL .....	4,500	4,500
056	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM .....	15,867	15,867
057	1203164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE).	253,939	263,939
		UFR: Military GPS User Equipment INC2 .....		[10,000]
058	1203710F	EO/IR WEATHER SYSTEMS .....	10,000	10,000
059	1206422F	WEATHER SYSTEM FOLLOW-ON .....	112,088	112,088
060	1206425F	SPACE SITUATION AWARENESS SYSTEMS .....	34,764	34,764
061	1206434F	MIDTERM POLAR MILSATCOM SYSTEM .....	63,092	63,092
062	1206438F	SPACE CONTROL TECHNOLOGY .....	7,842	64,742
		AF UPL .....		[56,900]
063	1206730F	SPACE SECURITY AND DEFENSE PROGRAM .....	41,385	41,385
064	1206760F	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES) .....	18,150	18,150
065	1206761F	PROTECTED TACTICAL SERVICE (PTS) .....	24,201	24,201
066	1206855F	PROTECTED SATCOM SERVICES (PSCS)—AGGREGATED .....	16,000	16,000
067	1206857F	OPERATIONALLY RESPONSIVE SPACE .....	87,577	87,577
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>4,695,530</b>	<b>5,020,830</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
068	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS .....	5,100	5,100
069	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....	101,203	101,203
070	0604222F	NUCLEAR WEAPONS SUPPORT .....	3,009	3,009
071	0604270F	ELECTRONIC WARFARE DEVELOPMENT .....	2,241	2,241
072	0604281F	TACTICAL DATA NETWORKS ENTERPRISE .....	38,250	38,250
073	0604287F	PHYSICAL SECURITY EQUIPMENT .....	19,739	19,739
074	0604329F	SMALL DIAMETER BOMB (SDB)—EMD .....	38,979	38,979
078	0604429F	AIRBORNE ELECTRONIC ATTACK .....	7,091	7,091
080	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT .....	46,540	46,540
081	0604604F	SUBMUNITIONS .....	2,705	2,705
082	0604617F	AGILE COMBAT SUPPORT .....	31,240	31,240
084	0604706F	LIFE SUPPORT SYSTEMS .....	9,060	9,060
085	0604735F	COMBAT TRAINING RANGES .....	87,350	87,350
086	0604800F	F-35—EMD .....	292,947	464,947
		SDD plus up .....		[172,000]
088	0604932F	LONG RANGE STANDOFF WEAPON .....	451,290	451,290
089	0604933F	ICBM FUZE MODERNIZATION .....	178,991	178,991
090	0605030F	JOINT TACTICAL NETWORK CENTER (JTNC) .....	12,736	12,736
091	0605031F	JOINT TACTICAL NETWORK (JTN) .....	9,319	9,319
092	0605213F	F-22 MODERNIZATION INCREMENT 3.2B .....	13,600	13,600
094	0605221F	KC-46 .....	93,845	93,845
095	0605223F	ADVANCED PILOT TRAINING .....	105,999	105,999
096	0605229F	COMBAT RESCUE HELICOPTER .....	354,485	354,485
100	0605458F	AIR & SPACE OPS CENTER 10.2 RDT&E .....	119,745	14,945
		Restructure of program .....		[-104,800]
101	0605931F	B-2 DEFENSIVE MANAGEMENT SYSTEM .....	194,570	194,570
102	0101125F	NUCLEAR WEAPONS MODERNIZATION .....	91,237	91,237
103	0207171F	F-15 EPAWSS .....	209,847	209,847
104	0207328F	STAND IN ATTACK WEAPON .....	3,400	3,400
105	0207701F	FULL COMBAT MISSION TRAINING .....	16,727	16,727
109	0307581F	JSTARS RECAP .....	417,201	417,201
110	0401310F	C-32 EXECUTIVE TRANSPORT RECAPITALIZATION .....	6,017	6,017
111	0401319F	PRESIDENTIAL AIRCRAFT RECAPITALIZATION (PAR) .....	434,069	434,069
112	0701212F	AUTOMATED TEST SYSTEMS .....	18,528	18,528
113	1203176F	COMBAT SURVIVOR EVADER LOCATOR .....	24,967	24,967

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114	1203940F	SPACE SITUATION AWARENESS OPERATIONS .....	10,029	10,029
115	1206421F	COUNTERSPACE SYSTEMS .....	66,370	66,370
116	1206425F	SPACE SITUATION AWARENESS SYSTEMS .....	48,448	48,448
117	1206426F	SPACE FENCE .....	35,937	35,937
118	1206431F	ADVANCED EHF MILSATCOM (SPACE) .....	145,610	145,610
119	1206432F	POLAR MILSATCOM (SPACE) .....	33,644	33,644
120	1206433F	WIDEBAND GLOBAL SATCOM (SPACE) .....	14,263	14,263
121	1206441F	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD .....	311,844	311,844
122	1206442F	EVOLVED SBIRS .....	71,018	71,018
123	1206853F	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE) – EMD.	297,572	297,572
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>4,476,762</b>	<b>4,543,962</b>
		<b>MANAGEMENT SUPPORT</b>		
124	0604256F	THREAT SIMULATOR DEVELOPMENT .....	35,405	35,405
125	0604759F	MAJOR T&E INVESTMENT .....	82,874	87,874
		Unfunded requirement .....		[5,000]
126	0605101F	RAND PROJECT AIR FORCE .....	34,346	34,346
128	0605712F	INITIAL OPERATIONAL TEST & EVALUATION .....	15,523	15,523
129	0605807F	TEST AND EVALUATION SUPPORT .....	678,289	735,689
		Program Increase .....		[30,000]
		UFR: 4th Gen Mods .....		[23,000]
		UFR: Weapon System Cyber Resiliency-TE .....		[4,400]
130	0605826F	ACQ WORKFORCE- GLOBAL POWER .....	219,809	219,809
131	0605827F	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS .....	223,179	223,179
132	0605828F	ACQ WORKFORCE- GLOBAL REACH .....	138,556	138,556
133	0605829F	ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS .....	221,393	221,393
134	0605830F	ACQ WORKFORCE- GLOBAL BATTLE MGMT .....	152,577	152,577
135	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION .....	196,561	196,561
136	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY .....	28,322	28,322
137	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS .....	126,611	126,611
140	0605898F	MANAGEMENT HQ—R&D .....	9,154	9,154
141	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT.	135,507	135,507
142	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUP- PORT.	28,720	28,720
143	0606017F	REQUIREMENTS ANALYSIS AND MATURATION .....	35,453	110,453
		UFR: Modeling and Simulation Joint Simulation Environment .....		[50,000]
		UFR:AS2030 Planning for Development .....		[25,000]
146	0308602F	ENTEPRISE INFORMATION SERVICES (EIS) .....	29,049	29,049
147	0702806F	ACQUISITION AND MANAGEMENT SUPPORT .....	14,980	14,980
148	0804731F	GENERAL SKILL TRAINING .....	1,434	1,434
150	1001004F	INTERNATIONAL ACTIVITIES .....	4,569	4,569
151	1206116F	SPACE TEST AND TRAINING RANGE DEVELOPMENT .....	25,773	25,773
152	1206392F	SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE ....	169,887	169,887
153	1206398F	SPACE & MISSILE SYSTEMS CENTER—MHA .....	9,531	9,531
154	1206860F	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) .....	20,975	20,975
155	1206864F	SPACE TEST PROGRAM (STP) .....	25,398	25,398
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>2,663,875</b>	<b>2,801,275</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
157	0604222F	NUCLEAR WEAPONS SUPPORT .....	27,579	27,579
158	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING .....	5,776	5,776
159	0604445F	WIDE AREA SURVEILLANCE .....	16,247	16,247
161	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS) ....	21,915	21,915
162	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY .....	33,150	33,150
163	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION .....	66,653	66,653
164	0605278F	HC/MC-130 RECAP RDT&E .....	38,579	38,579
165	0606018F	NC3 INTEGRATION .....	12,636	12,636
166	0101113F	B-52 SQUADRONS .....	111,910	111,910
167	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM) .....	463	463
168	0101126F	B-1B SQUADRONS .....	62,471	62,471
169	0101127F	B-2 SQUADRONS .....	193,108	193,108
170	0101213F	MINUTEMAN SQUADRONS .....	210,845	210,845
		Increase ICBM Cryptography Upgrade II .....		[20,000]
		Reduce MM Ground and Communications Equipment .....		[-10,000]
		Reduce MM Support Equipment .....		[-10,000]
171	0101313F	INTEGRATED STRATEGIC PLANNING AND ANALYSIS NET- WORK (ISPAN)—USSTRATCOM.	25,736	25,736
173	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS .....	6,272	10,272
		UFR: NC3—Global Assured Communications CBA Execution .....		[4,000]
174	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK ..	11,032	11,032
176	0102110F	UH-1N REPLACEMENT PROGRAM .....	108,617	108,617
177	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZA- TION PROGRAM.	3,347	3,347
179	0205219F	MQ-9 UAV .....	201,394	201,394
182	0207131F	A-10 SQUADRONS .....	17,459	17,459

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Line	Program Element	Item	FY 2018 Request	Conference Authorized
183	0207133F	F-16 SQUADRONS .....	246,578	271,578
		Unfunded requirement—MIDS-JTRS software changes .....		[25,000]
184	0207134F	F-15E SQUADRONS .....	320,271	320,271
185	0207136F	MANNED DESTRUCTIVE SUPPRESSION .....	15,106	15,106
186	0207138F	F-22A SQUADRONS .....	610,942	610,942
187	0207142F	F-35 SQUADRONS .....	334,530	334,530
188	0207161F	TACTICAL AIM MISSILES .....	34,952	54,952
		Pulsed rocket motor technologies .....		[20,000]
189	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) ...	61,322	61,322
191	0207227F	COMBAT RESCUE—PARARESCUE .....	693	693
193	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT .....	1,714	1,714
194	0207253F	COMPASS CALL .....	14,040	14,040
195	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM ...	109,243	109,243
197	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) .....	29,932	29,932
198	0207410F	AIR & SPACE OPERATIONS CENTER (AOC) .....	26,956	26,956
199	0207412F	CONTROL AND REPORTING CENTER (CRC) .....	2,450	2,450
200	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS) .....	151,726	151,726
201	0207418F	TACTICAL AIRBORNE CONTROL SYSTEMS .....	3,656	3,656
203	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES .....	13,420	13,420
204	0207444F	TACTICAL AIR CONTROL PARTY-MOD .....	10,623	10,623
205	0207448F	C2ISR TACTICAL DATA LINK .....	1,754	1,754
206	0207452F	DCAPES .....	17,382	17,382
207	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS .....	2,307	2,307
208	0207590F	SEEK EAGLE .....	25,397	25,397
209	0207601F	USAF MODELING AND SIMULATION .....	10,175	10,175
210	0207605F	WARGAMING AND SIMULATION CENTERS .....	12,839	12,839
211	0207697F	DISTRIBUTED TRAINING AND EXERCISES .....	4,190	4,190
212	0208006F	MISSION PLANNING SYSTEMS .....	85,531	85,531
213	0208007F	TACTICAL DECEPTION .....	3,761	3,761
214	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS .....	35,693	35,693
215	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS .....	20,964	20,964
218	0301017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) .....	3,549	3,549
219	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES) .....	4,371	4,371
227	0301401F	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS.	3,721	3,721
228	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) .....	35,467	35,467
230	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NET- WORK (MEECN).	48,841	48,841
231	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM .....	42,973	42,973
232	0303141F	GLOBAL COMBAT SUPPORT SYSTEM .....	105	105
233	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE .....	2,147	2,147
236	0304260F	AIRBORNE SIGINT ENTERPRISE .....	121,948	121,948
237	0304310F	COMMERCIAL ECONOMIC ANALYSIS .....	3,544	3,544
240	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY .....	1,542	1,542
241	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM) .....	4,453	4,453
243	0305111F	WEATHER SERVICE .....	26,654	26,654
244	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCAL).	6,306	6,306
245	0305116F	AERIAL TARGETS .....	21,295	21,295
248	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES .....	415	415
250	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES .....	3,867	3,867
257	0305202F	DRAGON U-2 .....	34,486	34,486
259	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS .....	4,450	14,450
		WAMI Technology Upgrades .....		[10,000]
260	0305207F	MANNED RECONNAISSANCE SYSTEMS .....	14,269	14,269
261	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	27,501	27,501
262	0305220F	RQ-4 UAV .....	214,849	214,849
263	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING .....	18,842	18,842
265	0305238F	NATO AGS .....	44,729	44,729
266	0305240F	SUPPORT TO DCGS ENTERPRISE .....	26,349	26,349
269	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHI- TECTURES.	3,491	3,491
271	0305881F	RAPID CYBER ACQUISITION .....	4,899	4,899
275	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2) .....	2,445	2,445
276	0307577F	INTELLIGENCE MISSION DATA (IMD) .....	8,684	8,684
278	0401115F	C-130 AIRLIFT SQUADRON .....	10,219	10,219
279	0401119F	C-5 AIRLIFT SQUADRONS (IF) .....	22,758	22,758
280	0401130F	C-17 AIRCRAFT (IF) .....	34,287	34,287
281	0401132F	C-130J PROGRAM .....	26,821	26,821
282	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM) .....	5,283	5,283
283	0401218F	KC-135S .....	9,942	9,942
284	0401219F	KC-10S .....	7,933	7,933
285	0401314F	OPERATIONAL SUPPORT AIRLIFT .....	6,681	6,681
286	0401318F	CV-22 .....	22,519	36,519
		Unfunded requirement—common electrical interface .....		[7,000]
		Unfunded requirement—intelligence broadcast system .....		[7,000]
287	0401840F	AMC COMMAND AND CONTROL SYSTEM .....	3,510	3,510
288	0408011F	SPECIAL TACTICS / COMBAT CONTROL .....	8,090	8,090

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289	0702207F	DEPOT MAINTENANCE (NON-IF) .....	1,528	1,528
290	0708055F	MAINTENANCE, REPAIR & OVERHAUL SYSTEM .....	31,677	31,677
291	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT) .....	33,344	33,344
292	0708611F	SUPPORT SYSTEMS DEVELOPMENT .....	9,362	9,362
293	0804743F	OTHER FLIGHT TRAINING .....	2,074	2,074
294	0808716F	OTHER PERSONNEL ACTIVITIES .....	107	107
295	0901202F	JOINT PERSONNEL RECOVERY AGENCY .....	2,006	2,006
296	0901218F	CIVILIAN COMPENSATION PROGRAM .....	3,780	3,780
297	0901220F	PERSONNEL ADMINISTRATION .....	7,472	7,472
298	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY .....	1,563	1,563
299	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT.	91,211	91,211
300	1201921F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES .....	14,255	14,255
301	1202247F	AF TENCAP .....	31,914	31,914
302	1203001F	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T) .....	32,426	32,426
303	1203110F	SATELLITE CONTROL NETWORK (SPACE) .....	18,808	18,808
305	1203165F	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS).	10,029	10,029
306	1203173F	SPACE AND MISSILE TEST AND EVALUATION CENTER .....	25,051	25,051
307	1203174F	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.	11,390	11,390
308	1203179F	INTEGRATED BROADCAST SERVICE (IBS) .....	8,747	8,747
309	1203182F	SPACELIFT RANGE SYSTEM (SPACE) .....	10,549	10,549
310	1203265F	GPS III SPACE SEGMENT .....	243,435	243,435
311	1203400F	SPACE SUPERIORITY INTELLIGENCE .....	12,691	12,691
312	1203614F	JSPOC MISSION SYSTEM .....	99,455	123,705
		AF UPL—BMC2 software .....		[24,250]
313	1203620F	NATIONAL SPACE DEFENSE CENTER .....	18,052	18,052
314	1203699F	SHARED EARLY WARNING (SEW) .....	1,373	1,373
315	1203906F	NCMC—TWAA SYSTEM .....	5,000	5,000
316	1203913F	NUDET DETECTION SYSTEM (SPACE) .....	31,508	31,508
317	1203940F	SPACE SITUATION AWARENESS OPERATIONS .....	99,984	99,984
318	1206423F	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.	510,938	510,938
318A	9999999999	CLASSIFIED PROGRAMS .....	15,103,246	15,103,246
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b>	<b>20,750,546</b>	<b>20,847,796</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF.</b>	<b>35,170,103</b>	<b>35,856,753</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW</b>		
		<b>BASIC RESEARCH</b>		
001	0601000BR	DTRA BASIC RESEARCH .....	37,201	37,201
002	0601101E	DEFENSE RESEARCH SCIENCES .....	432,347	432,347
003	0601110D8Z	BASIC RESEARCH INITIATIVES .....	40,612	40,612
004	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE .....	43,126	43,126
005	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM .....	74,298	88,298
		Evidence based military child STEM education .....		[5,000]
		Manufacturing Engineering Education Program .....		[9,000]
006	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS.	25,865	40,000
		Program increase .....		[12,135]
		STEM support for minority women .....		[2,000]
007	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	43,898	43,898
		<b>SUBTOTAL BASIC RESEARCH</b>	<b>697,347</b>	<b>725,482</b>
		<b>APPLIED RESEARCH</b>		
008	0602000D8Z	JOINT MUNITIONS TECHNOLOGY .....	19,111	19,111
009	0602115E	BIOMEDICAL TECHNOLOGY .....	109,360	109,360
011	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM .....	49,748	49,748
012	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	49,226	49,226
013	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY .....	392,784	392,784
014	0602383E	BIOLOGICAL WARFARE DEFENSE .....	13,014	13,014
015	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	201,053	201,053
016	0602668D8Z	CYBER SECURITY RESEARCH .....	14,775	14,775
017	0602702E	TACTICAL TECHNOLOGY .....	343,776	328,776
		General decrease .....		[-15,000]
018	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY .....	224,440	224,440
019	0602716E	ELECTRONICS TECHNOLOGY .....	295,447	295,447
020	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.	157,908	157,908
021	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	8,955	8,955
022	1160401BB	SOF TECHNOLOGY DEVELOPMENT .....	34,493	34,493
		<b>SUBTOTAL APPLIED RESEARCH</b>	<b>1,914,090</b>	<b>1,899,090</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		

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023	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY .....	25,627	25,627
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT .....	76,230	79,230
		Program increase—conventional EOD equipment .....		[3,000]
025	0603133D8Z	FOREIGN COMPARATIVE TESTING .....	24,199	24,199
026	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	268,607	268,607
027	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT .....	12,996	12,996
029	0603178C	WEAPONS TECHNOLOGY .....	5,495	5,495
031	0603180C	ADVANCED RESEARCH .....	20,184	20,184
032	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT ...	18,662	18,662
035	0603286E	ADVANCED AEROSPACE SYSTEMS .....	155,406	155,406
036	0603287E	SPACE PROGRAMS AND TECHNOLOGY .....	247,435	247,435
037	0603288D8Z	ANALYTIC ASSESSMENTS .....	13,154	13,154
038	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS .....	37,674	37,674
039	0603291D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA .....	15,000	15,000
040	0603294C	COMMON KILL VEHICLE TECHNOLOGY .....	252,879	252,879
041	0603342D8W	DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUX) .....	29,594	29,594
042	0603375D8Z	TECHNOLOGY INNOVATION .....	64,863	29,863
		Unjustified growth .....		[-35,000]
043	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	145,359	145,359
044	0603527D8Z	RETRACT LARCH .....	171,120	171,120
045	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY .....	14,389	14,389
046	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS .....	105,871	105,871
047	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES .....	12,661	12,661
048	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	136,159	163,659
		Improve productivity of defense industrial base .....		[7,500]
		Manufacturing USA institutes .....		[10,000]
		Partnership between MEP centers and Manufacturing USA Institutes.		[10,000]
049	0603680S	MANUFACTURING TECHNOLOGY PROGRAM .....	40,511	40,511
050	0603699D8Z	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT .....	57,876	49,876
		SOCOM ATL effort .....		[-8,000]
051	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS ...	10,611	10,611
053	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM .....	71,832	81,832
		Readiness increase .....		[10,000]
054	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	219,803	219,803
055	0603727D8Z	JOINT WARFIGHTING PROGRAM .....	6,349	6,349
056	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES .....	79,173	79,173
057	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS .....	106,787	106,787
058	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY .....	439,386	439,386
059	0603767E	SENSOR TECHNOLOGY .....	210,123	210,123
060	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.	11,211	11,211
062	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE .....	15,047	15,047
063	0603826D8Z	QUICK REACTION SPECIAL PROJECTS .....	69,203	69,203
064	0603833D8Z	ENGINEERING SCIENCE & TECHNOLOGY .....	25,395	25,395
065	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY .....	89,586	89,586
066	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT .....	38,403	38,403
067	0303310D8Z	CWMD SYSTEMS .....	33,382	33,382
068	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT .....	72,605	72,605
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.</b>	<b>3,450,847</b>	<b>3,448,347</b>
		<b>ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES</b>		
069	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	32,937	32,937
070	0603600D8Z	WALKOFF .....	101,714	101,714
072	0603821D8Z	ACQUISITION ENTERPRISE DATA & INFORMATION SERVICES .....	2,198	2,198
073	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	54,583	54,583
074	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT.	292,262	292,262
075	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT.	957,097	1,058,093
		Improve Discrimination Capability for GMD .....		[21,996]
		Increase GBI magazine capacity at Fort Greely .....		[65,000]
		Program increase—additional boosters and EKV's .....		[14,000]
076	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL	148,518	148,518
077	0603884C	BALLISTIC MISSILE DEFENSE SENSORS .....	278,145	305,207
		Improve Discrimination Capability for GMD .....		[27,062]
078	0603890C	BMD ENABLING PROGRAMS .....	465,642	472,784
		GMD Discrimination .....		[7,142]
079	0603891C	SPECIAL PROGRAMS—MDA .....	365,190	365,190
080	0603892C	AEGIS BMD .....	860,788	860,788

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083	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	454,862	454,862
084	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT	48,954	48,954
085	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	53,265	53,265
086	0603906C	REGARDING TRENCH .....	9,113	9,113
087	0603907C	SEA BASED X-BAND RADAR (SBX) .....	145,695	145,695
088	0603913C	ISRAELI COOPERATIVE PROGRAMS .....	105,354	373,800
		Arrow .....		[71,459]
		Arrow Upper Tier flight test .....		[105,000]
		Arrow-Upper Tier .....		[28,139]
		David's Sling .....		[63,848]
089	0603914C	BALLISTIC MISSILE DEFENSE TEST .....	316,193	316,193
090	0603915C	BALLISTIC MISSILE DEFENSE TARGETS .....	460,125	460,125
091	0603920D8Z	HUMANITARIAN DEMINING .....	10,837	10,837
092	0603923D8Z	COALITION WARFARE .....	10,740	10,740
093	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM .....	3,837	3,837
094	0604115C	TECHNOLOGY MATURATION INITIATIVES .....	128,406	128,406
095	0604132D8Z	MISSILE DEFEAT PROJECT .....	124,769	124,769
096	0604181C	HYPERSONIC DEFENSE .....	75,300	75,300
097	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES .....	1,482,532	1,460,532
		Program decrease .....		[-22,000]
098	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	83,626	83,626
099	0604331D8Z	RAPID PROTOTYPING PROGRAM .....	100,000	100,000
100	0604342D8Z	DEFENSE TECHNOLOGY OFFSET .....		100,000
		Directed energy .....		[100,000]
101	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	3,967	3,967
102	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA)	3,833	3,833
104	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	23,638	23,638
105	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR) .....	357,659	357,659
106	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS .....	636,430	636,430
107	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	36,239	36,239
108	0604878C	AEGIS BMD TEST .....	137,783	160,819
		To provide AAW at Aegis Ashore sites, consistent w/ FY16 and FY17 NDAs.		[23,036]
109	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST .....	101,839	101,839
110	0604880C	LAND-BASED SM-3 (LBSM3) .....	30,486	97,761
		To provide AAW at Aegis Ashore sites, consistent w/ FY16 and FY17 NDAs.		[67,275]
111	0604881C	AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT .....	9,739	9,739
112	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST ...	76,757	76,757
113	0604894C	MULTI-OBJECT KILL VEHICLE .....	6,500	6,500
114	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM .....	2,902	2,902
115	0305103C	CYBER SECURITY INITIATIVE .....	986	986
116	1206893C	SPACE TRACKING & SURVEILLANCE SYSTEM .....	34,907	34,907
117	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS .....	30,994	44,494
		Initiates BMDs Global Sensors AoA recommendations for space sensor architecture.		[13,500]
117A	120XXXXC	GROUND-LAUNCHED INTERMEDIATE RANGE MISSILE .....		58,000
		Ground-Launched Intermediate Range Missile .....		[58,000]
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.</b>	<b>8,667,341</b>	<b>9,310,798</b>
		<b>SYSTEM DEVELOPMENT AND DEMONSTRATION</b>		
118	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	12,536	12,536
119	0604165D8Z	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT .....	201,749	201,749
120	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD .....	406,789	406,789
122	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS).	15,358	20,358
		Program increase—very low profile hardware .....		[5,000]
123	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	6,241	6,241
124	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT .....	12,322	12,322
125	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE .....	4,893	4,893
126	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM .....	3,162	3,162
127	0605027D8Z	OUS(D) IT DEVELOPMENT INITIATIVES .....	21,353	21,353
128	0605070S	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.	6,266	6,266
129	0605075D8Z	DCMO POLICY AND INTEGRATION .....	2,810	2,810
130	0605080S	DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM ...	24,436	24,436
131	0605090S	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS) .....	13,475	13,475
133	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES	11,870	11,870
134	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	61,084	61,084
135	0303141K	GLOBAL COMBAT SUPPORT SYSTEM .....	2,576	2,576

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Conference Authorized
136	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (E2IM).	3,669	3,669
137	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	8,230	8,230
		<b>SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.</b>	<b>818,819</b>	<b>823,819</b>
		<b>MANAGEMENT SUPPORT</b>		
138	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS) .....	6,941	6,941
139	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT .....	4,851	4,851
140	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).	211,325	211,325
141	0604942D8Z	ASSESSMENTS AND EVALUATIONS .....	30,144	50,144
		Program increase for cyber vulnerability assessments and hardening		[20,000]
142	0605001E	MISSION SUPPORT .....	63,769	63,769
143	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC) ....	91,057	91,057
144	0605104D8Z	TECHNICAL STUDIES, SUPPORT AND ANALYSIS .....	22,386	22,386
145	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).	36,581	36,581
147	0605142D8Z	SYSTEMS ENGINEERING .....	37,622	37,622
148	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD .....	5,200	5,200
149	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY .....	5,232	5,232
150	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION ..	12,583	12,583
151	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE) .....	61,451	61,451
152	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	104,348	104,348
161	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.	2,372	2,372
162	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS .....	24,365	24,365
163	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC) .....	54,145	54,145
164	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.	30,356	30,356
165	0605804D8Z	DEVELOPMENT TEST AND EVALUATION .....	20,571	20,571
166	0605898E	MANAGEMENT HQ—R&D .....	14,017	14,017
167	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).	4,187	4,187
168	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS .....	3,992	3,992
169	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS .....	1,000	1,000
170	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI) .....	2,551	2,551
171	0204571J	JOINT STAFF ANALYTICAL SUPPORT .....	7,712	7,712
174	0303166J	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES	673	673
175	0303260D8Z	DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO)	1,006	1,006
177	0305172K	COMBINED ADVANCED APPLICATIONS .....	16,998	16,998
180	0305245D8Z	INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS.	18,992	18,992
181	0306310D8Z	CWMD SYSTEMS: RDT&E MANAGEMENT SUPPORT .....	1,231	1,231
183	0804767J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—MHA.	44,500	44,500
184	0901598C	MANAGEMENT HQ—MDA .....	29,947	29,947
187	0903235K	JOINT SERVICE PROVIDER (JSP) .....	5,113	5,113
187A	9999999999	CLASSIFIED PROGRAMS .....	63,312	63,312
		<b>SUBTOTAL MANAGEMENT SUPPORT</b> .....	<b>1,040,530</b>	<b>1,060,530</b>
		<b>OPERATIONAL SYSTEM DEVELOPMENT</b>		
188	0604130V	ENTERPRISE SECURITY SYSTEM (ESS) .....	4,565	4,565
189	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA.	1,871	1,871
190	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS).	298	298
191	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT ...	10,882	10,882
192	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT .....	7,222	7,222
193	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS).	14,450	14,450
194	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	45,677	45,677
195	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS) .....	3,037	3,037
196	0208045K	CHI INTEROPERABILITY .....	59,490	59,490
198	0301144K	JOINT/ALLIED COALITION INFORMATION SHARING .....	6,104	6,104
202	0302016K	NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT .....	1,863	1,863
203	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.	21,564	21,564
204	0303126K	LONG-HAUL COMMUNICATIONS—DCS .....	15,428	15,428
205	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).	15,855	15,855
206	0303135G	PUBLIC KEY INFRASTRUCTURE (PKI) .....	4,811	4,811
207	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI) .....	33,746	33,746
208	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM .....	9,415	9,415
209	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM .....	227,652	227,652
210	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM .....	42,687	42,687



**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Conference Authorized
211	0303153K	DEFENSE SPECTRUM ORGANIZATION .....	8,750	8,750
214	0303228K	JOINT INFORMATION ENVIRONMENT (JIE) .....	4,689	4,689
216	0303430K	FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY.	50,000	50,000
222	0305103K	CYBER SECURITY INITIATIVE .....	1,686	1,686
227	0305186D8Z	POLICY R&D PROGRAMS .....	6,526	6,526
228	0305199D8Z	NET CENTRICITY .....	18,455	18,455
230	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	5,496	5,496
233	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	3,049	3,049
236	0305327V	INSIDER THREAT .....	5,365	5,365
237	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM .....	2,071	2,071
243	0307577D8Z	INTELLIGENCE MISSION DATA (IMD) .....	13,111	13,111
245	0708012S	PACIFIC DISASTER CENTERS .....	1,770	1,770
246	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM .....	2,924	2,924
248	1105219BB	MQ-9 UAV .....	37,863	37,863
251	1160403BB	AVIATION SYSTEMS .....	259,886	273,386
		SOCOM requested transfer .....		[13,500]
252	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT .....	8,245	8,245
253	1160408BB	OPERATIONAL ENHANCEMENTS .....	79,455	79,455
254	1160431BB	WARRIOR SYSTEMS .....	45,935	45,935
255	1160432BB	SPECIAL PROGRAMS .....	1,978	1,978
256	1160434BB	UNMANNED ISR .....	31,766	31,766
257	1160480BB	SOF TACTICAL VEHICLES .....	2,578	2,578
258	1160483BB	MARITIME SYSTEMS .....	42,315	60,415
		SOCOM requested transfer .....		[12,800]
		UFR: Develop Dry Combat Submersible .....		[5,300]
259	1160489BB	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....	4,661	4,661
260	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	12,049	12,049
261	1203610K	TELEPORT PROGRAM .....	642	642
261A	9999999999	CLASSIFIED PROGRAMS .....	3,734,266	3,734,266
		<b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT ...</b>	<b>4,912,148</b>	<b>4,943,748</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW.</b>	<b>21,501,122</b>	<b>22,211,814</b>
		<b>OPERATIONAL TEST &amp; EVAL, DEFENSE MANAGEMENT SUPPORT</b>		
001	0605118OTE	OPERATIONAL TEST AND EVALUATION .....	83,503	83,503
002	0605131OTE	LIVE FIRE TEST AND EVALUATION .....	59,500	59,500
003	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES .....	67,897	67,897
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>210,900</b>	<b>210,900</b>
		<b>TOTAL OPERATIONAL TEST &amp; EVAL, DEFENSE ....</b>	<b>210,900</b>	<b>210,900</b>
		<b>TOTAL RDT&amp;E .....</b>	<b>84,063,300</b>	<b>86,348,676</b>

**1 SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
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**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Conference Authorized
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
055	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	15,000	15,000
060	0603747A	SOLDIER SUPPORT AND SURVIVABILITY .....	3,000	3,000
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>18,000</b>	<b>18,000</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
122	0605032A	TRACTOR TIRE .....	5,000	5,000
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRC) .....	21,540	21,540
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT .....	30,100	30,100
147	0303032A	TROJAN—RH12 .....	1,200	1,200
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>57,840</b>	<b>57,840</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Conference Authorized
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM ...	15,000	15,000
222	0305204A	TACTICAL UNMANNED AERIAL VEHICLES .....	7,492	7,492
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	15,000	15,000
228	0307665A	BIOMETRICS ENABLED INTELLIGENCE .....	6,036	6,036
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.</b>	<b>43,528</b>	<b>43,528</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>	<b>119,368</b>	<b>119,368</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
041	0603527N	RETRACT LARCH .....	22,000	22,000
061	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	29,700	29,700
075	0603795N	LAND ATTACK TECHNOLOGY .....	2,100	2,100
081	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).	5,710	5,710
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>59,510</b>	<b>59,510</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
103	0604230N	WARFARE SUPPORT SYSTEM .....	5,400	5,400
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>5,400</b>	<b>5,400</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM .....	11,600	11,600
211	0204574N	CRYPTOLOGIC DIRECT SUPPORT .....	1,200	1,200
253A	999999999	CLASSIFIED PROGRAMS .....	89,855	89,855
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.</b>	<b>102,655</b>	<b>102,655</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>	<b>167,565</b>	<b>167,565</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
029	0603438F	SPACE CONTROL TECHNOLOGY .....	7,800	7,800
053	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	5,400	5,400
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>13,200</b>	<b>13,200</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
196	0207277F	ISR INNOVATIONS .....	5,750	5,750
214	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS .....	4,000	4,000
318A	999999999	CLASSIFIED PROGRAMS .....	112,408	112,408
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT.</b>	<b>122,158</b>	<b>122,158</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF.</b>	<b>135,358</b>	<b>135,358</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT .....	25,000	25,000
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT.</b>	<b>25,000</b>	<b>25,000</b>
		<b>OPERATIONAL SYSTEM DEVELOPMENT</b>		
253	1160408BB	OPERATIONAL ENHANCEMENTS .....	1,920	1,920
256	1160434BB	UNMANNED ISR .....	3,000	3,000
261A	999999999	CLASSIFIED PROGRAMS .....	196,176	196,176
		<b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT</b>	<b>201,096</b>	<b>201,096</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW.</b>	<b>226,096</b>	<b>226,096</b>
		<b>TOTAL RDT&amp;E .....</b>	<b>648,387</b>	<b>648,387</b>

1 **TITLE XLIII—OPERATION AND**  
 2 **MAINTENANCE**

Sec. 4301. Operation and maintenance.

Sec. 4302. Operation and maintenance for overseas contingency operations.

3 **SEC. 4301. OPERATION AND MAINTENANCE.**

<b>SEC. 4301. OPERATION AND MAINTENANCE</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
<b>OPERATION &amp; MAINTENANCE, ARMY</b>			
<b>OPERATING FORCES</b>			
010	MANEUVER UNITS .....	1,455,366	1,510,066
	Improve unit training and maintenance readiness .....		[54,700]
020	MODULAR SUPPORT BRIGADES .....	105,147	112,847
	UFR: Readiness to execute NMS .....		[7,700]
030	ECHELONS ABOVE BRIGADE .....	604,117	692,417
	UFR: Readiness to execute NMS .....		[88,300]
040	THEATER LEVEL ASSETS .....	793,217	829,951
	Decisive Action training and operations .....		[27,300]
	UFR: Support Equipment .....		[9,434]
050	LAND FORCES OPERATIONS SUPPORT .....	1,169,478	1,207,178
	Combat Training Center Operations and Maintenance .....		[37,700]
060	AVIATION ASSETS .....	1,496,503	1,524,703
	Aviation and ISR Maintenance Requirements .....		[28,200]
070	FORCE READINESS OPERATIONS SUPPORT .....	3,675,901	3,759,581
	SOUTHCOM—Maritime Patrol Aircraft Expansion .....		[38,500]
	SOUTHCOM—Mission and Other Ship Operations .....		[18,000]
	UFR: Funding to support 6k additional endstrength .....		[680]
	UFR: Organizational Clothing & Indiv. Equipment maintenance .....		[26,500]
080	LAND FORCES SYSTEMS READINESS .....	466,720	471,592
	UFR: Medical equipment .....		[4,872]
090	LAND FORCES DEPOT MAINTENANCE .....	1,443,516	1,740,116
	Realignment of depot operations from OCO .....		[250,000]
	UFR: Depot Maintenance .....		[46,600]
100	BASE OPERATIONS SUPPORT .....	8,080,357	8,093,557
	C4I / Cyber capabilities enabling support .....		[13,200]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	3,401,155	4,080,382
	Demolition of excess facilities .....		[50,000]
	Restore restoration and modernization shortfalls .....		[154,500]
	Restore sustainment shortfalls .....		[424,547]
	UFR: Support 6k additional endstrength .....		[50,180]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	443,790	443,790
140	ADDITIONAL ACTIVITIES .....		8,900
	Training, supplies, spares, and repair site support .....		[8,900]
180	US AFRICA COMMAND .....	225,382	225,382
190	US EUROPEAN COMMAND .....	141,352	141,352
200	US SOUTHERN COMMAND .....	190,811	194,311
	Mission and Other Ship Operations .....		[3,500]
210	US FORCES KOREA .....	59,578	59,578
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>23,752,390</b>	<b>25,095,703</b>
<b>MOBILIZATION</b>			
220	STRATEGIC MOBILITY .....	346,667	347,791
	UFR: Readiness increase .....		[1,124]
230	ARMY PREPOSITIONED STOCKS .....	422,108	427,346
	UFR: Readiness increase .....		[5,238]
240	INDUSTRIAL PREPAREDNESS .....	7,750	7,750
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>776,525</b>	<b>782,887</b>
<b>TRAINING AND RECRUITING</b>			
250	OFFICER ACQUISITION .....	137,556	137,556
260	RECRUIT TRAINING .....	58,872	60,264
	UFR: Recruit training .....		[1,392]
270	ONE STATION UNIT TRAINING .....	58,035	59,921
	UFR: One Station Unit Training .....		[1,886]

<b>SEC. 4301. OPERATION AND MAINTENANCE</b> <b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
280	SENIOR RESERVE OFFICERS TRAINING CORPS .....	505,089	505,762
	UFR: Supports commissions for increase end strength .....		[673]
290	SPECIALIZED SKILL TRAINING .....	1,015,541	1,033,978
	Leadership development and training .....		[3,144]
	UFR: Supports increased capacity .....		[15,293]
300	FLIGHT TRAINING .....	1,124,115	1,124,115
310	PROFESSIONAL DEVELOPMENT EDUCATION .....	220,688	220,688
320	TRAINING SUPPORT .....	618,164	621,690
	Department of the Army directed training .....		[3,526]
330	RECRUITING AND ADVERTISING .....	613,586	624,259
	UFR: Supports increased capacity .....		[10,673]
340	EXAMINING .....	171,223	171,223
350	OFF-DUTY AND VOLUNTARY EDUCATION .....	214,738	215,088
	UFR: Supports increased capacity .....		[350]
360	CIVILIAN EDUCATION AND TRAINING .....	195,099	195,099
370	JUNIOR RESERVE OFFICER TRAINING CORPS .....	176,116	176,116
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>5,108,822</b>	<b>5,145,759</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
390	SERVICEWIDE TRANSPORTATION .....	555,502	709,965
	Logistics associated with increased end strength .....		[57,900]
	UFR: Supports transportation equipment .....		[96,563]
400	CENTRAL SUPPLY ACTIVITIES .....	894,208	894,208
410	LOGISTIC SUPPORT ACTIVITIES .....	715,462	715,462
420	AMMUNITION MANAGEMENT .....	446,931	446,931
430	ADMINISTRATION .....	493,616	493,616
440	SERVICEWIDE COMMUNICATIONS .....	2,084,922	2,112,822
	Annual maintenance of Enterprise License Agreements .....		[17,900]
	UFR: Army Regional Cyber Centers capabilities .....		[10,000]
450	MANPOWER MANAGEMENT .....	259,588	259,588
460	OTHER PERSONNEL SUPPORT .....	326,387	326,387
470	OTHER SERVICE SUPPORT .....	1,087,602	1,073,517
	Program decrease .....		[-14,085]
480	ARMY CLAIMS ACTIVITIES .....	210,514	214,014
	UFR: Supports JAG increase needs .....		[3,500]
490	REAL ESTATE MANAGEMENT .....	243,584	256,737
	UFR: Supports engineering services .....		[13,153]
500	FINANCIAL MANAGEMENT AND AUDIT READINESS .....	284,592	284,592
510	INTERNATIONAL MILITARY HEADQUARTERS .....	415,694	415,694
520	MISC. SUPPORT OF OTHER NATIONS .....	46,856	46,856
565	CLASSIFIED PROGRAMS .....	1,242,222	1,247,222
	Army Analytics Group .....		[5,000]
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>9,307,680</b>	<b>9,497,611</b>
	<b>UNDISTRIBUTED</b>		
570	UNDISTRIBUTED .....		-415,900
	Excessive standard price for fuel .....		[-31,100]
	Foreign Currency adjustments .....		[-146,400]
	Historical unobligated balances .....		[-238,400]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-415,900</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY ....</b>	<b>38,945,417</b>	<b>40,106,060</b>
	<b>OPERATION &amp; MAINTENANCE, ARMY RES</b>		
	<b>OPERATING FORCES</b>		
010	MODULAR SUPPORT BRIGADES .....	11,461	11,747
	UFR: ARNG Operational Demand Model to 82% .....		[286]
020	ECHELONS ABOVE BRIGADE .....	577,410	593,053
	UFR: ARNG Operational Demand Model to 82% .....		[15,643]
030	THEATER LEVEL ASSETS .....	117,298	122,016
	UFR: Operational Demand Model to 82% .....		[4,718]
040	LAND FORCES OPERATIONS SUPPORT .....	552,016	564,934
	UFR: Operational Demand Model to 82% .....		[12,918]
050	AVIATION ASSETS .....	80,302	81,461
	Increase aviation readiness .....		[1,159]
060	FORCE READINESS OPERATIONS SUPPORT .....	399,035	403,858
	Pay and allowances for career development training .....		[223]
	UFR: Support additional capacity .....		[4,600]
070	LAND FORCES SYSTEMS READINESS .....	102,687	102,687
080	LAND FORCES DEPOT MAINTENANCE .....	56,016	56,016

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	Conference Authorized
090	BASE OPERATIONS SUPPORT .....	599,947	600,497
	UFR: Support 6k additional endstrength .....		[550]
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	273,940	324,690
	Demolition of excess facilities .....		[20,000]
	UFR: Address facility restoration backlog .....		[4,465]
	UFR: Increased facilities sustainment .....		[26,285]
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	22,909	22,909
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>2,793,021</b>	<b>2,883,868</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
120	SERVICEWIDE TRANSPORTATION .....	11,116	11,116
130	ADMINISTRATION .....	17,962	17,962
140	SERVICEWIDE COMMUNICATIONS .....	18,550	20,950
	UFR: Equipment support .....		[2,400]
150	MANPOWER MANAGEMENT .....	6,166	6,166
160	RECRUITING AND ADVERTISING .....	60,027	60,027
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>113,821</b>	<b>116,221</b>
<b>UNDISTRIBUTED</b>			
190	UNDISTRIBUTED .....		-3,800
	Excessive standard price for fuel .....		[-3,800]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-3,800</b>
<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES</b> .....		<b>2,906,842</b>	<b>2,996,289</b>
<b>OPERATION &amp; MAINTENANCE, ARNG OPERATING FORCES</b>			
010	MANEUVER UNITS .....	777,883	794,862
	UFR: Readiness increase .....		[16,979]
020	MODULAR SUPPORT BRIGADES .....	190,639	190,639
030	ECHELONS ABOVE BRIGADE .....	807,557	819,457
	UFR: Operational Demand Model to 82% .....		[11,900]
040	THEATER LEVEL ASSETS .....	85,476	93,376
	UFR: Operational Demand Model to 82% .....		[7,900]
050	LAND FORCES OPERATIONS SUPPORT .....	36,672	38,897
	UFR: Increased aviation readiness .....		[2,225]
060	AVIATION ASSETS .....	956,381	974,581
	Increase aviation readiness .....		[18,200]
070	FORCE READINESS OPERATIONS SUPPORT .....	777,756	777,856
	UFR: Supports increased capacity .....		[100]
080	LAND FORCES SYSTEMS READINESS .....	51,506	51,506
090	LAND FORCES DEPOT MAINTENANCE .....	244,942	244,942
100	BASE OPERATIONS SUPPORT .....	1,144,726	1,148,576
	UFR: Support increase end-strength .....		[3,850]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	781,895	901,734
	Demolition of excess facilities .....		[25,000]
	UFR: Address facility restoration backlog .....		[20,108]
	UFR: Facilities Sustainment improvement .....		[74,731]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	999,052	999,292
	UFR: Support increase end-strength .....		[240]
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>6,854,485</b>	<b>7,035,718</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
130	SERVICEWIDE TRANSPORTATION .....	7,703	7,703
140	ADMINISTRATION .....	79,236	80,386
	Department of Defense State Partnership Program .....		[1,150]
150	SERVICEWIDE COMMUNICATIONS .....	85,160	94,760
	Annual maintenance of Enterprise License Agreements .....		[9,600]
160	MANPOWER MANAGEMENT .....	8,654	8,654
170	OTHER PERSONNEL SUPPORT .....	268,839	277,339
	UFR: Behavior Health Specialists .....		[8,500]
180	REAL ESTATE MANAGEMENT .....	3,093	3,093
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>452,685</b>	<b>471,935</b>
<b>UNDISTRIBUTED</b>			
190	UNDISTRIBUTED .....		-16,100
	Excessive standard price for fuel .....		[-16,100]

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SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	Conference Authorized
<b>SUBTOTAL UNDISTRIBUTED</b>			<b>-16,100</b>
<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG</b>		<b>7,307,170</b>	<b>7,491,553</b>
<b>OPERATION &amp; MAINTENANCE, NAVY</b>			
<b>OPERATING FORCES</b>			
010	MISSION AND OTHER FLIGHT OPERATIONS	5,544,165	5,566,165
	Cbt logistics Mnt for TAO-187		[22,000]
020	FLEET AIR TRAINING	2,075,000	2,075,000
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES	46,801	46,801
040	AIR OPERATIONS AND SAFETY SUPPORT	119,624	119,624
050	AIR SYSTEMS SUPPORT	552,536	594,536
	UFR: Fund to Max Executable		[42,000]
060	AIRCRAFT DEPOT MAINTENANCE	1,088,482	1,088,482
070	AIRCRAFT DEPOT OPERATIONS SUPPORT	40,584	40,584
080	AVIATION LOGISTICS	723,786	843,786
	UFR: Fund to Max Executable		[120,000]
090	MISSION AND OTHER SHIP OPERATIONS	4,067,334	4,067,334
100	SHIP OPERATIONS SUPPORT & TRAINING	977,701	977,701
110	SHIP DEPOT MAINTENANCE	7,839,358	7,839,358
120	SHIP DEPOT OPERATIONS SUPPORT	2,193,851	2,193,851
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE	1,288,094	1,294,094
	Logistics support for legacy C41 systems		[6,000]
150	SPACE SYSTEMS AND SURVEILLANCE	206,678	206,678
160	WARFARE TACTICS	621,581	622,581
	UFR: Operational range Clearance and Environmental Compliance		[1,000]
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	370,681	370,681
180	COMBAT SUPPORT FORCES	1,437,966	1,454,966
	Coastal Riverine Force meet operational requirements		[7,000]
	COMPACFLT C41 Upgrade		[10,000]
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT	162,705	162,705
210	COMBATANT COMMANDERS CORE OPERATIONS	65,108	65,108
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT	86,892	155,992
	Joint Training Capability and Exercise Programs		[64,100]
	No-Notice Agile Logistics Exercise		[5,000]
230	MILITARY INFORMATION SUPPORT OPERATIONS	8,427	8,427
240	CYBERSPACE ACTIVITIES	385,212	385,212
260	FLEET BALLISTIC MISSILE	1,278,456	1,278,456
280	WEAPONS MAINTENANCE	745,680	750,680
	UFR: Munitions wholeness		[5,000]
290	OTHER WEAPON SYSTEMS SUPPORT	380,016	380,016
300	ENTERPRISE INFORMATION	914,428	914,428
310	SUSTAINMENT, RESTORATION AND MODERNIZATION	1,905,679	2,290,879
	Demolition of excess facilities		[50,000]
	NHHC Reduction		[-29,000]
	Restore restoration and modernization shortfalls		[87,200]
	UFR: 88% of Facility Sustainment requirements		[277,000]
320	BASE OPERATING SUPPORT	4,333,688	4,356,688
	Operational range clearance		[11,000]
	Port Operations Service Craft Maintenance		[12,000]
<b>SUBTOTAL OPERATING FORCES</b>		<b>39,460,513</b>	<b>40,150,813</b>
<b>MOBILIZATION</b>			
330	SHIP PREPOSITIONING AND SURGE	417,450	427,450
	UFR: Strategic Sealift		[10,000]
360	SHIP ACTIVATIONS/INACTIVATIONS	198,341	198,341
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS	66,849	66,849
390	COAST GUARD SUPPORT	21,870	21,870
<b>SUBTOTAL MOBILIZATION</b>		<b>704,510</b>	<b>714,510</b>
<b>TRAINING AND RECRUITING</b>			
400	OFFICER ACQUISITION	143,924	143,924
410	RECRUIT TRAINING	8,975	8,975
420	RESERVE OFFICERS TRAINING CORPS	144,708	144,708
430	SPECIALIZED SKILL TRAINING	812,708	812,708
450	PROFESSIONAL DEVELOPMENT EDUCATION	180,448	182,448
	Naval Sea Cadets		[2,000]
460	TRAINING SUPPORT	234,596	234,596

<b>SEC. 4301. OPERATION AND MAINTENANCE</b>			
<b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
470	RECRUITING AND ADVERTISING .....	177,517	177,517
480	OFF-DUTY AND VOLUNTARY EDUCATION .....	103,154	103,154
490	CIVILIAN EDUCATION AND TRAINING .....	72,216	72,216
500	JUNIOR ROTC .....	53,262	53,262
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>1,931,508</b>	<b>1,933,508</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
510	ADMINISTRATION .....	1,135,429	1,126,429
	Program decrease .....		[-9,000]
530	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT .....	149,365	149,365
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	386,749	386,749
590	SERVICEWIDE TRANSPORTATION .....	165,301	165,301
610	PLANNING, ENGINEERING, AND PROGRAM SUPPORT .....	311,616	311,616
620	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	665,580	665,580
660	INVESTIGATIVE AND SECURITY SERVICES .....	659,143	659,143
775	CLASSIFIED PROGRAMS .....	543,193	543,193
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>4,016,376</b>	<b>4,007,376</b>
<b>UNDISTRIBUTED</b>			
780	UNDISTRIBUTED .....		-415,400
	Excessive standard price for fuel .....		[-216,600]
	Foreign Currency adjustments .....		[-35,300]
	Historical unobligated balances .....		[-163,500]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-415,400</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>	<b>46,112,907</b>	<b>46,390,807</b>
<b>OPERATION &amp; MAINTENANCE, MARINE CORPS</b>			
<b>OPERATING FORCES</b>			
010	OPERATIONAL FORCES .....	967,949	967,949
020	FIELD LOGISTICS .....	1,065,090	1,068,190
	UFR: Long Endurance Small UAS .....		[3,100]
030	DEPOT MAINTENANCE .....	286,635	286,635
040	MARITIME PREPOSITIONING .....	85,577	85,577
050	CYBERSPACE ACTIVITIES .....	181,518	181,518
060	SUSTAINMENT, RESTORATION & MODERNIZATION .....	785,264	904,355
	Demolition of excess facilities .....		[40,000]
	Restore restoration and modernization shortfalls .....		[35,300]
	UFR: Facilities Sustainment to 80% .....		[43,791]
070	BASE OPERATING SUPPORT .....	2,196,252	2,196,252
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>5,568,285</b>	<b>5,690,476</b>
<b>TRAINING AND RECRUITING</b>			
080	RECRUIT TRAINING .....	16,163	16,163
090	OFFICER ACQUISITION .....	1,154	1,154
100	SPECIALIZED SKILL TRAINING .....	100,398	100,398
110	PROFESSIONAL DEVELOPMENT EDUCATION .....	46,474	46,474
120	TRAINING SUPPORT .....	405,039	405,039
130	RECRUITING AND ADVERTISING .....	201,601	201,601
140	OFF-DUTY AND VOLUNTARY EDUCATION .....	32,045	32,045
150	JUNIOR ROTC .....	24,394	24,394
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>827,268</b>	<b>827,268</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
160	SERVICEWIDE TRANSPORTATION .....	28,827	28,827
170	ADMINISTRATION .....	378,683	375,683
	Program decrease .....		[-3,000]
190	ACQUISITION AND PROGRAM MANAGEMENT .....	77,684	77,684
215	CLASSIFIED PROGRAMS .....	52,661	52,661
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>537,855</b>	<b>534,855</b>
<b>UNDISTRIBUTED</b>			
220	UNDISTRIBUTED .....		-36,900
	Excessive standard price for fuel .....		[-2,700]
	Foreign Currency adjustments .....		[-11,400]
	Historical unobligated balances .....		[-22,800]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-36,900</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b>	<b>6,933,408</b>	<b>7,015,699</b>

<b>SEC. 4301. OPERATION AND MAINTENANCE</b> (In Thousands of Dollars)			
Line	Item	FY 2018 Request	Conference Authorized
<b>OPERATION &amp; MAINTENANCE, NAVY RES</b>			
<b>OPERATING FORCES</b>			
010	MISSION AND OTHER FLIGHT OPERATIONS .....	596,876	596,876
020	INTERMEDIATE MAINTENANCE .....	5,902	5,902
030	AIRCRAFT DEPOT MAINTENANCE .....	94,861	94,861
040	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	381	381
050	AVIATION LOGISTICS .....	13,822	13,822
060	SHIP OPERATIONS SUPPORT & TRAINING .....	571	571
070	COMBAT COMMUNICATIONS .....	16,718	16,718
080	COMBAT SUPPORT FORCES .....	118,079	118,079
090	CYBERSPACE ACTIVITIES .....	308	308
100	ENTERPRISE INFORMATION .....	28,650	28,650
110	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	86,354	95,854
	Restore restoration and modernization shortfalls .....		[1,500]
	Restore sustainment shortfalls .....		[8,000]
120	BASE OPERATING SUPPORT .....	103,596	103,596
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>1,066,118</b>	<b>1,075,618</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
130	ADMINISTRATION .....	1,371	1,371
140	MILITARY MANPOWER AND PERSONNEL MANAGEMENT ...	13,289	13,289
160	ACQUISITION AND PROGRAM MANAGEMENT .....	3,229	3,229
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>17,889</b>	<b>17,889</b>
<b>UNDISTRIBUTED</b>			
180	UNDISTRIBUTED .....		-14,800
	Excessive standard price for fuel .....		[-14,800]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-14,800</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES .....</b>	<b>1,084,007</b>	<b>1,078,707</b>
<b>OPERATION &amp; MAINTENANCE, MC RESERVE</b>			
<b>OPERATING FORCES</b>			
010	OPERATING FORCES .....	103,468	103,468
020	DEPOT MAINTENANCE .....	18,794	18,794
030	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	32,777	37,754
	Restore restoration and modernization shortfalls .....		[3,900]
	UFR: Facilities Sustainment to 80% .....		[1,077]
040	BASE OPERATING SUPPORT .....	111,213	111,213
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>266,252</b>	<b>271,229</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
060	ADMINISTRATION .....	12,585	12,585
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>12,585</b>	<b>12,585</b>
<b>UNDISTRIBUTED</b>			
080	UNDISTRIBUTED .....		-500
	Excessive standard price for fuel .....		[-500]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-500</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MC RESERVE .....</b>	<b>278,837</b>	<b>283,314</b>
<b>OPERATION &amp; MAINTENANCE, AIR FORCE</b>			
<b>OPERATING FORCES</b>			
010	PRIMARY COMBAT FORCES .....	694,702	718,102
	Adversarial Air Training- mission qualification .....		[10,200]
	UFR: NC3 & Other Nuclear Requirements .....		[9,000]
	UFR: PACAF Contingency Response Group .....		[4,200]
020	COMBAT ENHANCEMENT FORCES .....	1,392,326	1,618,626
	Air and Space Operations Center .....		[104,800]
	UFR: Airmen Readiness Training .....		[8,900]
	UFR: Cyber Requirements .....		[70,400]
	Unified capabilities .....		[42,200]
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....	1,128,640	1,231,140
	F-35 maintenance instructors .....		[49,700]
	Readiness decision support enterprise .....		[1,600]
	UFR: Contract Adversary Air .....		[51,200]



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<b>SEC. 4301. OPERATION AND MAINTENANCE</b>			
<b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	2,755,367	2,854,567
	UFR: Airmen Readiness Training .....		[7,100]
	UFR: WSS funded at 89% .....		[92,100]
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	3,292,553	3,799,853
	Demolition of excess facilities .....		[50,000]
	Restore restoration and modernization shortfalls .....		[153,300]
	Restore sustainment shortfalls .....		[304,000]
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	6,555,186	6,752,686
	UFR: E-4B Maintenance personnel .....		[1,000]
	UFR: EC-130H Compass Call .....		[12,000]
	UFR: Sustain 3 additional C-37B .....		[6,800]
	UFR: Weapon Systems Sustainment .....		[177,700]
070	FLYING HOUR PROGRAM .....	4,135,330	4,135,330
080	BASE SUPPORT .....	5,985,232	6,076,832
	UFR: Funds mission readiness at installations .....		[91,600]
090	GLOBAL C3I AND EARLY WARNING .....	847,516	973,216
	Space based readiness shortfalls .....		[32,900]
	UFR: Cyber Requirements .....		[35,300]
	UFR: NC3 & Other Nuclear Requirements .....		[57,500]
100	OTHER COMBAT OPS SPT PROGRAMS .....	1,131,817	1,166,717
	ISR sustainment and readiness .....		[9,800]
	UFR: Cyber Requirements .....		[15,000]
	UFR: PACAF Contingency Response Group .....		[10,100]
120	LAUNCH FACILITIES .....	175,457	175,457
130	SPACE CONTROL SYSTEMS .....	353,458	368,458
	Operationalizing commercial SSA .....		[15,000]
160	US NORTHCOM/NORAD .....	189,891	189,891
170	US STRATCOM .....	534,236	534,236
180	US CYBERCOM .....	357,830	357,830
190	US CENTCOM .....	168,208	168,208
200	US SOCOM .....	2,280	2,280
210	US TRANSCOM .....	533	533
215	CLASSIFIED PROGRAMS .....	1,091,655	1,091,655
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>30,792,217</b>	<b>32,215,617</b>
	<b>MOBILIZATION</b>		
220	AIRLIFT OPERATIONS .....	1,570,697	1,572,497
	UFR: sustain 3 additional C-37B .....		[1,800]
230	MOBILIZATION PREPAREDNESS .....	130,241	165,841
	Basic Expeditionary Airfield Resources PACOM .....		[22,600]
	BEAR PACOM spares .....		[2,900]
	PACAF Contingency response group .....		[10,100]
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>1,700,938</b>	<b>1,738,338</b>
	<b>TRAINING AND RECRUITING</b>		
270	OFFICER ACQUISITION .....	113,722	113,722
280	RECRUIT TRAINING .....	24,804	24,804
290	RESERVE OFFICERS TRAINING CORPS (ROTC) .....	95,733	95,733
320	SPECIALIZED SKILL TRAINING .....	395,476	395,476
330	FLIGHT TRAINING .....	501,599	501,599
340	PROFESSIONAL DEVELOPMENT EDUCATION .....	287,500	287,500
350	TRAINING SUPPORT .....	91,384	91,384
370	RECRUITING AND ADVERTISING .....	166,795	166,795
380	EXAMINING .....	4,134	4,134
390	OFF-DUTY AND VOLUNTARY EDUCATION .....	222,691	222,691
400	CIVILIAN EDUCATION AND TRAINING .....	171,974	171,974
410	JUNIOR ROTC .....	60,070	60,070
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>2,135,882</b>	<b>2,135,882</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
420	LOGISTICS OPERATIONS .....	805,453	805,453
430	TECHNICAL SUPPORT ACTIVITIES .....	127,379	127,379
470	ADMINISTRATION .....	911,283	911,283
480	SERVICEWIDE COMMUNICATIONS .....	432,172	432,172
490	OTHER SERVICEWIDE ACTIVITIES .....	1,175,658	1,170,658
	Program decrease .....		[-5,000]
500	CIVIL AIR PATROL .....	26,719	29,819
	Civil Air Patrol .....		[3,100]
530	INTERNATIONAL SUPPORT .....	76,878	76,878

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<b>SEC. 4301. OPERATION AND MAINTENANCE</b>			
<b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
535	CLASSIFIED PROGRAMS .....	1,263,403	1,263,403
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>4,818,945</b>	<b>4,817,045</b>
	<b>UNDISTRIBUTED</b>		
540	UNDISTRIBUTED .....		-404,900
	Excessive standard price for fuel .....		[-204,200]
	Foreign Currency adjustments .....		[-84,300]
	Historical unobligated balances .....		[-156,300]
	UFR: Child and Youth Compliance .....		[35,000]
	UFR: Violence Prevention Program .....		[4,900]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-404,900</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE .....</b>	<b>39,447,982</b>	<b>40,501,982</b>
	<b>OPERATION &amp; MAINTENANCE, AF RESERVE OPERATING FORCES</b>		
010	PRIMARY COMBAT FORCES .....	1,801,007	1,801,007
020	MISSION SUPPORT OPERATIONS .....	210,642	210,642
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	403,867	403,867
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	124,951	140,251
	Restore restoration and modernization shortfalls .....		[5,600]
	Restore sustainment shortfalls .....		[9,700]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	240,835	284,435
	C-17 CLS workload .....		[5,700]
	C-17 depot-level repairable .....		[12,100]
	UFR: Weapon Systems Sustainment .....		[25,800]
060	BASE SUPPORT .....	371,878	405,878
	UFR: Restore maintenance and repair .....		[34,000]
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>3,153,180</b>	<b>3,246,080</b>
	<b>ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b>		
070	ADMINISTRATION .....	74,153	74,153
080	RECRUITING AND ADVERTISING .....	19,522	19,522
090	MILITARY MANPOWER AND PERS MGMT (ARPC) .....	12,765	12,765
100	OTHER PERS SUPPORT (DISABILITY COMP) .....	7,495	7,495
110	AUDIOVISUAL .....	392	392
	<b>SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES .....</b>	<b>114,327</b>	<b>114,327</b>
	<b>UNDISTRIBUTED</b>		
120	UNDISTRIBUTED .....		-33,000
	Excessive standard price for fuel .....		[-33,000]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-33,000</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RESERVE .....</b>	<b>3,267,507</b>	<b>3,327,407</b>
	<b>OPERATION &amp; MAINTENANCE, ANG OPERATING FORCES</b>		
010	AIRCRAFT OPERATIONS .....	3,175,055	3,175,055
020	MISSION SUPPORT OPERATIONS .....	746,082	764,582
	Restore support operations .....		[18,500]
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	867,063	867,063
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	325,090	372,690
	Restore restoration and modernization shortfalls .....		[14,600]
	Restore sustainment shortfalls .....		[33,000]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	1,100,829	1,210,829
	C-130 propulsion improvements .....		[16,100]
	Maintenance for RC-26 a/e .....		[28,700]
	Sustain DCGS .....		[6,500]
	UFR: Increase Weapons System Sustainment .....		[58,700]
060	BASE SUPPORT .....	583,664	583,664
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>6,797,783</b>	<b>6,973,883</b>
	<b>ADMINISTRATION AND SERVICE-WIDE ACTIVITIES</b>		
070	ADMINISTRATION .....	44,955	44,955
080	RECRUITING AND ADVERTISING .....	97,230	97,230

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SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)			
Line	Item	FY 2018 Request	Conference Authorized
	<b>SUBTOTAL ADMINISTRATION AND SERVICE- WIDE ACTIVITIES</b>	<b>142,185</b>	<b>142,185</b>
	<b>UNDISTRIBUTED</b>		
090	UNDISTRIBUTED		-65,300
	Excessive standard price for fuel		[-65,300]
	<b>SUBTOTAL UNDISTRIBUTED</b>		<b>-65,300</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b>	<b>6,939,968</b>	<b>7,050,768</b>
	<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b>		
010	JOINT CHIEFS OF STAFF	440,853	440,853
020	JOINT CHIEFS OF STAFF—CE2T2	551,511	551,511
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES	5,008,274	5,014,574
	Unfunded Requirement- Joint Task Force Platform Expansion ..		[6,300]
	<b>SUBTOTAL OPERATING FORCES</b>	<b>6,000,638</b>	<b>6,006,938</b>
	<b>TRAINING AND RECRUITING</b>		
050	DEFENSE ACQUISITION UNIVERSITY	144,970	149,970
	Increase for curriculum development		[5,000]
060	JOINT CHIEFS OF STAFF	84,402	84,402
080	SPECIAL OPERATIONS COMMAND/TRAINING AND RE- CRUITING	379,462	379,462
	<b>SUBTOTAL TRAINING AND RECRUITING</b>	<b>608,834</b>	<b>613,834</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
090	CIVIL MILITARY PROGRAMS	183,000	209,500
	National Guard Youth Challenge		[1,500]
	STARBASE		[25,000]
110	DEFENSE CONTRACT AUDIT AGENCY	597,836	597,836
120	DEFENSE CONTRACT MANAGEMENT AGENCY	1,439,010	1,439,010
130	DEFENSE HUMAN RESOURCES ACTIVITY	807,754	807,754
140	DEFENSE INFORMATION SYSTEMS AGENCY	2,009,702	2,009,702
160	DEFENSE LEGAL SERVICES AGENCY	24,207	24,207
170	DEFENSE LOGISTICS AGENCY	400,422	414,722
	Procurement Technical Assistance Program (PTAP)		[14,300]
180	DEFENSE MEDIA ACTIVITY	217,585	215,085
	Program decrease		[-2,500]
190	DEFENSE PERSONNEL ACCOUNTING AGENCY	131,268	131,268
200	DEFENSE SECURITY COOPERATION AGENCY	722,496	722,496
210	DEFENSE SECURITY SERVICE	683,665	683,665
230	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	34,712	34,712
240	DEFENSE THREAT REDUCTION AGENCY	542,604	538,804
	Efficiencies from DTRA/JIDO integration		[-3,800]
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY	2,794,389	2,844,389
	Impact aid for children with severe disabilities		[10,000]
	Impact aid for schools with military dependent students		[40,000]
270	MISSILE DEFENSE AGENCY	504,058	504,058
290	OFFICE OF ECONOMIC ADJUSTMENT	57,840	57,840
300	OFFICE OF THE SECRETARY OF DEFENSE	1,488,344	1,499,344
	CDC Study		[7,000]
	Study on Air Force aircraft capacity and capabilities		[1,000]
	Support for Commission to Assess the Threat from Electro- magnetic Pulse Attacks and Events		[3,000]
310	SPECIAL OPERATIONS COMMAND/ADMIN & SVC-WIDE AC- TIVITIES	94,273	94,273
320	WASHINGTON HEADQUARTERS SERVICES	436,776	436,776
325	CLASSIFIED PROGRAMS	14,830,139	14,830,139
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b>	<b>28,000,080</b>	<b>28,095,580</b>
	<b>UNDISTRIBUTED</b>		
330	UNDISTRIBUTED		-193,900
	Excessive standard price for fuel		[-9,800]
	Foreign Currency adjustments		[-19,400]
	Historical unobligated balances		[-164,700]
	<b>SUBTOTAL UNDISTRIBUTED</b>		<b>-193,900</b>
	<b>TOTAL OPERATION AND MAINTENANCE, DE- FENSE-WIDE</b>	<b>34,609,552</b>	<b>34,522,452</b>

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<b>SEC. 4301. OPERATION AND MAINTENANCE</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
<b>MISCELLANEOUS APPROPRIATIONS</b>			
010	US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE .....	14,538	14,538
020	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID .....	104,900	104,900
030	COOPERATIVE THREAT REDUCTION .....	324,600	324,600
050	ENVIRONMENTAL RESTORATION, ARMY .....	215,809	215,809
060	ENVIRONMENTAL RESTORATION, NAVY .....	281,415	323,649
	PFOA/PFOS Remediation .....		[42,234]
070	ENVIRONMENTAL RESTORATION, AIR FORCE .....	293,749	323,749
	PFOA/PFOS Remediation .....		[30,000]
080	ENVIRONMENTAL RESTORATION, DEFENSE .....	9,002	9,002
090	ENVIRONMENTAL RESTORATION FORMERLY USED SITES .....	208,673	208,673
	<b>SUBTOTAL MISCELLANEOUS APPROPRIATIONS</b>	<b>1,452,686</b>	<b>1,524,920</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE</b> .....	<b>189,286,283</b>	<b>192,289,958</b>

## 1 SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS

### 2 CONTINGENCY OPERATIONS.

<b>SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
<b>OPERATION &amp; MAINTENANCE, ARMY</b>			
<b>OPERATING FORCES</b>			
010	MANEUVER UNITS .....	828,225	828,225
030	ECHELONS ABOVE BRIGADE .....	25,474	25,474
040	THEATER LEVEL ASSETS .....	1,778,644	1,778,644
050	LAND FORCES OPERATIONS SUPPORT .....	260,575	260,575
060	AVIATION ASSETS .....	284,422	284,422
070	FORCE READINESS OPERATIONS SUPPORT .....	2,784,525	2,784,525
080	LAND FORCES SYSTEMS READINESS .....	502,330	502,330
090	LAND FORCES DEPOT MAINTENANCE .....	104,149	104,149
100	BASE OPERATIONS SUPPORT .....	80,249	80,249
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	32,000	32,000
140	ADDITIONAL ACTIVITIES .....	6,988,168	6,988,168
150	COMMANDERS EMERGENCY RESPONSE PROGRAM .....	5,000	5,000
160	RESET .....	864,926	614,926
	Realignment of depot operations to base .....		[-250,000]
180	US AFRICA COMMAND .....	186,567	186,567
190	US EUROPEAN COMMAND .....	44,250	44,250
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>14,769,504</b>	<b>14,519,504</b>
	<b>MOBILIZATION</b>		
230	ARMY PREPOSITIONED STOCKS .....	56,500	56,500
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>56,500</b>	<b>56,500</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
390	SERVICEWIDE TRANSPORTATION .....	789,355	789,355
400	CENTRAL SUPPLY ACTIVITIES .....	16,567	16,567
410	LOGISTIC SUPPORT ACTIVITIES .....	6,000	6,000
420	AMMUNITION MANAGEMENT .....	5,207	5,207
460	OTHER PERSONNEL SUPPORT .....	107,091	107,091
490	REAL ESTATE MANAGEMENT .....	165,280	165,280
565	CLASSIFIED PROGRAMS .....	1,083,390	1,083,390
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....	<b>2,172,890</b>	<b>2,172,890</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY</b> .....	<b>16,998,894</b>	<b>16,748,894</b>
<b>OPERATION &amp; MAINTENANCE, ARMY RES</b>			
<b>OPERATING FORCES</b>			
020	ECHELONS ABOVE BRIGADE .....	4,179	4,179
040	LAND FORCES OPERATIONS SUPPORT .....	2,132	2,132

<b>SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS</b>			
<b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
060	FORCE READINESS OPERATIONS SUPPORT .....	779	779
090	BASE OPERATIONS SUPPORT .....	17,609	17,609
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>24,699</b>	<b>24,699</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES</b>	<b>24,699</b>	<b>24,699</b>
	<b>OPERATION &amp; MAINTENANCE, ARNG</b>		
	<b>OPERATING FORCES</b>		
010	MANEUVER UNITS .....	41,731	41,731
020	MODULAR SUPPORT BRIGADES .....	762	762
030	ECHELONS ABOVE BRIGADE .....	11,855	11,855
040	THEATER LEVEL ASSETS .....	204	204
060	AVIATION ASSETS .....	27,583	27,583
070	FORCE READINESS OPERATIONS SUPPORT .....	5,792	5,792
100	BASE OPERATIONS SUPPORT .....	18,507	18,507
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	937	937
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>107,371</b>	<b>107,371</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
150	SERVICEWIDE COMMUNICATIONS .....	740	740
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>740</b>	<b>740</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>	<b>108,111</b>	<b>108,111</b>
	<b>AFGHANISTAN SECURITY FORCES FUND</b>		
	<b>MINISTRY OF DEFENSE</b>		
010	SUSTAINMENT .....	2,660,855	2,660,855
020	INFRASTRUCTURE .....	21,000	21,000
030	EQUIPMENT AND TRANSPORTATION .....	684,786	684,786
040	TRAINING AND OPERATIONS .....	405,117	405,117
	<b>SUBTOTAL MINISTRY OF DEFENSE .....</b>	<b>3,771,758</b>	<b>3,771,758</b>
	<b>MINISTRY OF INTERIOR</b>		
050	SUSTAINMENT .....	955,574	955,574
060	INFRASTRUCTURE .....	39,595	39,595
070	EQUIPMENT AND TRANSPORTATION .....	75,976	75,976
080	TRAINING AND OPERATIONS .....	94,612	94,612
	<b>SUBTOTAL MINISTRY OF INTERIOR .....</b>	<b>1,165,757</b>	<b>1,165,757</b>
	<b>TOTAL AFGHANISTAN SECURITY FORCES FUND</b>	<b>4,937,515</b>	<b>4,937,515</b>
	<b>COUNTER-ISIS TRAIN &amp; EQUIP FUND</b>		
	<b>COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)</b>		
010	IRAQ .....	1,269,000	1,269,000
020	SYRIA .....	500,000	500,000
	<b>SUBTOTAL COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF) .....</b>	<b>1,769,000</b>	<b>1,769,000</b>
	<b>TOTAL COUNTER-ISIS TRAIN &amp; EQUIP FUND .....</b>	<b>1,769,000</b>	<b>1,769,000</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY</b>		
	<b>OPERATING FORCES</b>		
010	MISSION AND OTHER FLIGHT OPERATIONS .....	412,710	412,710
020	FLEET AIR TRAINING .....	5,674	5,674
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES .....	1,750	1,750
040	AIR OPERATIONS AND SAFETY SUPPORT .....	2,989	2,989
050	AIR SYSTEMS SUPPORT .....	144,030	144,030
060	AIRCRAFT DEPOT MAINTENANCE .....	211,196	211,196
070	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	1,921	1,921
080	AVIATION LOGISTICS .....	102,834	102,834
090	MISSION AND OTHER SHIP OPERATIONS .....	871,453	871,453
100	SHIP OPERATIONS SUPPORT & TRAINING .....	19,627	19,627
110	SHIP DEPOT MAINTENANCE .....	2,483,179	2,483,179
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE .....	58,886	58,886
150	SPACE SYSTEMS AND SURVEILLANCE .....	4,400	4,400
160	WARFARE TACTICS .....	21,550	21,550
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....	21,104	21,104
180	COMBAT SUPPORT FORCES .....	611,936	611,936
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT .....	11,433	11,433

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<b>SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS</b>			
<b>(In Thousands of Dollars)</b>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
280	WEAPONS MAINTENANCE .....	371,611	371,611
290	OTHER WEAPON SYSTEMS SUPPORT .....	9,598	9,598
310	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	31,898	31,898
320	BASE OPERATING SUPPORT .....	230,246	230,246
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>5,630,025</b>	<b>5,630,025</b>
<b>MOBILIZATION</b>			
360	SHIP ACTIVATIONS/INACTIVATIONS .....	1,869	1,869
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS .....	11,905	11,905
390	COAST GUARD SUPPORT .....	161,885	161,885
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>175,659</b>	<b>175,659</b>
<b>TRAINING AND RECRUITING</b>			
430	SPECIALIZED SKILL TRAINING .....	43,369	43,369
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>43,369</b>	<b>43,369</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
510	ADMINISTRATION .....	3,217	3,217
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	7,356	7,356
590	SERVICEWIDE TRANSPORTATION .....	67,938	67,938
620	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	9,446	9,446
660	INVESTIGATIVE AND SECURITY SERVICES .....	1,528	1,528
775	CLASSIFIED PROGRAMS .....	12,751	12,751
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>102,236</b>	<b>102,236</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>	<b>5,951,289</b>	<b>5,951,289</b>
<b>OPERATION &amp; MAINTENANCE, MARINE CORPS</b>			
<b>OPERATING FORCES</b>			
010	OPERATIONAL FORCES .....	720,013	720,013
020	FIELD LOGISTICS .....	256,536	256,536
030	DEPOT MAINTENANCE .....	52,000	52,000
070	BASE OPERATING SUPPORT .....	17,529	17,529
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>1,046,078</b>	<b>1,046,078</b>
<b>TRAINING AND RECRUITING</b>			
120	TRAINING SUPPORT .....	29,421	29,421
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>29,421</b>	<b>29,421</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
160	SERVICEWIDE TRANSPORTATION .....	62,225	62,225
215	CLASSIFIED PROGRAMS .....	3,650	3,650
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>65,875</b>	<b>65,875</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b>	<b>1,141,374</b>	<b>1,141,374</b>
<b>OPERATION &amp; MAINTENANCE, NAVY RES</b>			
<b>OPERATING FORCES</b>			
030	AIRCRAFT DEPOT MAINTENANCE .....	14,964	14,964
080	COMBAT SUPPORT FORCES .....	9,016	9,016
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>23,980</b>	<b>23,980</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES .....</b>	<b>23,980</b>	<b>23,980</b>
<b>OPERATION &amp; MAINTENANCE, MC RESERVE</b>			
<b>OPERATING FORCES</b>			
010	OPERATING FORCES .....	2,548	2,548
040	BASE OPERATING SUPPORT .....	819	819
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>3,367</b>	<b>3,367</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MC RESERVE .....</b>	<b>3,367</b>	<b>3,367</b>
<b>OPERATION &amp; MAINTENANCE, AIR FORCE</b>			
<b>OPERATING FORCES</b>			
010	PRIMARY COMBAT FORCES .....	248,235	248,235
020	COMBAT ENHANCEMENT FORCES .....	1,394,962	1,394,962
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....	5,450	5,450
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	699,860	699,860

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SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)			
Line	Item	FY 2018 Request	Conference Authorized
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	113,131	113,131
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT ...	2,039,551	2,039,551
070	FLYING HOUR PROGRAM .....	2,059,363	2,059,363
080	BASE SUPPORT .....	1,088,946	1,088,946
090	GLOBAL CBI AND EARLY WARNING .....	15,274	15,274
100	OTHER COMBAT OPS SPT PROGRAMS .....	198,090	198,090
120	LAUNCH FACILITIES .....	385	385
130	SPACE CONTROL SYSTEMS .....	22,020	22,020
160	US NORTHCOM/NORAD .....	381	381
170	US STRATCOM .....	698	698
180	US CYBERCOM .....	35,239	35,239
190	US CENTCOM .....	159,520	159,520
200	US SOCOM .....	19,000	19,000
215	CLASSIFIED PROGRAMS .....	58,098	58,098
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>8,158,203</b>	<b>8,158,203</b>
<b>MOBILIZATION</b>			
220	AIRLIFT OPERATIONS .....	1,430,316	1,430,316
230	MOBILIZATION PREPAREDNESS .....	213,827	213,827
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>1,644,143</b>	<b>1,644,143</b>
<b>TRAINING AND RECRUITING</b>			
270	OFFICER ACQUISITION .....	300	300
280	RECRUIT TRAINING .....	298	298
290	RESERVE OFFICERS TRAINING CORPS (ROTC) .....	90	90
320	SPECIALIZED SKILL TRAINING .....	25,675	25,675
330	FLIGHT TRAINING .....	879	879
340	PROFESSIONAL DEVELOPMENT EDUCATION .....	1,114	1,114
350	TRAINING SUPPORT .....	1,426	1,426
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>29,782</b>	<b>29,782</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
420	LOGISTICS OPERATIONS .....	151,847	151,847
430	TECHNICAL SUPPORT ACTIVITIES .....	8,744	8,744
470	ADMINISTRATION .....	6,583	6,583
480	SERVICEMAN COMMUNICATIONS .....	129,508	129,508
490	OTHER SERVICEMAN ACTIVITIES .....	84,110	84,110
530	INTERNATIONAL SUPPORT .....	120	120
535	CLASSIFIED PROGRAMS .....	53,255	53,255
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>434,167</b>	<b>434,167</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE .....</b>	<b>10,266,295</b>	<b>10,266,295</b>
<b>OPERATION &amp; MAINTENANCE, AF RESERVE OPERATING FORCES</b>			
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	52,323	52,323
060	BASE SUPPORT .....	6,200	6,200
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>58,523</b>	<b>58,523</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RESERVE .....</b>	<b>58,523</b>	<b>58,523</b>
<b>OPERATION &amp; MAINTENANCE, ANG OPERATING FORCES</b>			
020	MISSION SUPPORT OPERATIONS .....	3,468	3,468
060	BASE SUPPORT .....	11,932	11,932
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>15,400</b>	<b>15,400</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG .....</b>	<b>15,400</b>	<b>15,400</b>
<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b>			
010	JOINT CHIEFS OF STAFF .....	4,841	4,841
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES .....	3,305,234	3,305,234
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>3,310,075</b>	<b>3,310,075</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
110	DEFENSE CONTRACT AUDIT AGENCY .....	9,853	9,853

<b>SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
120	DEFENSE CONTRACT MANAGEMENT AGENCY .....	21,317	21,317
140	DEFENSE INFORMATION SYSTEMS AGENCY .....	64,137	64,137
160	DEFENSE LEGAL SERVICES AGENCY .....	115,000	115,000
180	DEFENSE MEDIA ACTIVITY .....	13,255	13,255
200	DEFENSE SECURITY COOPERATION AGENCY .....	2,312,000	2,062,000
	Reduction to Coalition Support Funds .....		[-100,000]
	Transfer of funds to Ukraine Security Assistance .....		[-150,000]
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....	31,000	31,000
300	OFFICE OF THE SECRETARY OF DEFENSE .....	34,715	34,715
320	WASHINGTON HEADQUARTERS SERVICES .....	3,179	3,179
325	CLASSIFIED PROGRAMS .....	1,878,713	1,878,713
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>4,483,169</b>	<b>4,233,169</b>
	<b>TOTAL OPERATION AND MAINTENANCE, DE- FENSE-WIDE .....</b>	<b>7,793,244</b>	<b>7,543,244</b>
	<b>UKRAINE SECURITY ASSISTANCE</b>		
	<b>UKRAINE SECURITY ASSISTANCE</b>		
010	UKRAINE SECURITY ASSISTANCE .....		350,000
	Program increase .....		[200,000]
	Transfer from DSCA .....		[150,000]
	<b>SUBTOTAL UKRAINE SECURITY ASSISTANCE .....</b>		<b>350,000</b>
	<b>TOTAL UKRAINE SECURITY ASSISTANCE .....</b>		<b>350,000</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE .....</b>	<b>49,091,691</b>	<b>48,941,691</b>

1 **TITLE XLIV—MILITARY**  
2 **PERSONNEL**

Sec. 4401. Military personnel.

Sec. 4402. Military personnel for overseas contingency operations.

3 **SEC. 4401. MILITARY PERSONNEL.**

<b>SEC. 4401. MILITARY PERSONNEL</b> (In Thousands of Dollars)			
<b>Item</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>	
<b>Military Personnel Appropriations .....</b>	<b>133,881,636</b>	<b>134,008,986</b>	
Defense Innovation Board software review .....		[1,000]	
Department of Defense State Partnership Program .....		[2,000]	
Historical unobligated balances .....		[-814,050]	
Increase Active Army end strength .....		[625,000]	
Increase Active Marine Corps end strength .....		[80,000]	
Increase Army National Guard end strength .....		[13,000]	
Increase Army Reserve end strength .....		[13,000]	
Military Personnel Pay Raise .....		[206,400]	
Public-Private partnership on military spousal employment .....		[1,000]	
<b>Medicare-Eligible Retiree Health Fund Contributions .....</b>	<b>7,804,427</b>	<b>7,837,427</b>	
Accrual payment associated with increased end strength .....		[33,000]	
<b>Total, Military Personnel .....</b>	<b>141,686,063</b>	<b>141,846,413</b>	



1 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**  
 2 **GENCY OPERATIONS.**

**SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS**  
 (In Thousands of Dollars)

Item	FY 2018 Request	Conference Authorized
<b>Military Personnel Appropriations</b> .....	<b>4,326,172</b>	<b>4,326,172</b>
<b>Total, Military Personnel Appropriations</b> .....	<b>4,326,172</b>	<b>4,326,172</b>

3 **TITLE XLV—OTHER**  
 4 **AUTHORIZATIONS**

Sec. 4501. Other authorizations.

Sec. 4502. Other authorizations for overseas contingency operations.

5 **SEC. 4501. OTHER AUTHORIZATIONS.**

**SEC. 4501. OTHER AUTHORIZATIONS**  
 (In Thousands of Dollars)

Program Title	FY 2018 Request	Conference Authorized
<b>WORKING CAPITAL FUND, ARMY</b>		
INDUSTRIAL OPERATIONS .....	43,140	43,140
SUPPLY MANAGEMENT—ARMY .....	40,636	40,636
<b>TOTAL WORKING CAPITAL FUND, ARMY</b> .....	<b>83,776</b>	<b>83,776</b>
<b>WORKING CAPITAL FUND, AIR FORCE</b>		
<b>TRANSPORTATION</b>		
SUPPLY MANAGEMENT .....	66,462	66,462
<b>TOTAL WORKING CAPITAL FUND, AIR FORCE</b> .....	<b>66,462</b>	<b>66,462</b>
<b>WORKING CAPITAL FUND, DECA</b>		
COMMISSARY OPERATIONS .....	1,389,340	1,389,340
<b>TOTAL WORKING CAPITAL FUND, DECA</b> .....	<b>1,389,340</b>	<b>1,389,340</b>
<b>WORKING CAPITAL FUND, DEFENSE-WIDE</b>		
<b>ENERGY MANAGEMENT—DEFENSE</b>		
SUPPLY CHAIN MANAGEMENT—DEFENSE .....	47,018	47,018
<b>TOTAL WORKING CAPITAL FUND, DEFENSE-WIDE</b> .....	<b>47,018</b>	<b>47,018</b>
<b>NATIONAL DEFENSE SEALIFT FUND</b>		
<b>NATIONAL DEF SEALIFT VESSEL</b>		
LG MED SPD RO/RO MAINTENANCE .....	135,800	135,800
DOD MOBILIZATION ALTERATIONS .....	11,197	11,197
TAH MAINTENANCE .....	54,453	54,453
RESEARCH AND DEVELOPMENT .....	18,622	18,622
READY RESERVE FORCES .....	289,255	296,255
Strategic Sealift SLEP .....		[7,000]
<b>TOTAL NATIONAL DEFENSE SEALIFT FUND</b> .....	<b>509,327</b>	<b>516,327</b>
<b>CHEM AGENTS &amp; MUNITIONS DESTRUCTION</b>		
CHEM DEMILITARIZATION—O&M .....	104,237	104,237
CHEM DEMILITARIZATION—RDT&E .....	839,414	839,414
CHEM DEMILITARIZATION—PROC .....	18,081	18,081
<b>TOTAL CHEM AGENTS &amp; MUNITIONS DESTRUCTION</b> .....	<b>961,732</b>	<b>961,732</b>
<b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b>		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE	674,001	705,001
National Guard counter-drug programs .....		[10,000]
SOUTHCOM ISR .....		[21,000]
DRUG DEMAND REDUCTION PROGRAM .....	116,813	116,813
<b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b> .....	<b>790,814</b>	<b>821,814</b>

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<b>SEC. 4501. OTHER AUTHORIZATIONS</b> (In Thousands of Dollars)		
<b>Program Title</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
<b>OFFICE OF THE INSPECTOR GENERAL</b>		
OPERATION AND MAINTENANCE .....	334,087	334,087
RD&E .....	2,800	2,800
<b>TOTAL OFFICE OF THE INSPECTOR GENERAL .....</b>	<b>336,887</b>	<b>336,887</b>
<b>DEFENSE HEALTH PROGRAM</b>		
IN-HOUSE CARE .....	9,457,768	9,465,768
Pre-mobilization health care under section 12304b .....		[8,000]
PRIVATE SECTOR CARE .....	15,317,732	15,317,732
CONSOLIDATED HEALTH SUPPORT .....	2,193,045	2,193,045
INFORMATION MANAGEMENT .....	1,803,733	1,803,733
MANAGEMENT ACTIVITIES .....	330,752	330,752
EDUCATION AND TRAINING .....	737,730	737,730
BASE OPERATIONS/COMMUNICATIONS .....	2,255,163	2,255,163
RESEARCH .....	9,796	9,796
EXPLORATORY DEVELOPMENT .....	64,881	64,881
ADVANCED DEVELOPMENT .....	246,268	246,268
DEMONSTRATION/VALIDATION .....	99,039	99,039
ENGINEERING DEVELOPMENT .....	170,602	170,602
MANAGEMENT AND SUPPORT .....	69,191	69,191
CAPABILITIES ENHANCEMENT .....	13,438	13,438
INITIAL OUTFITTING .....	26,978	26,978
REPLACEMENT & MODERNIZATION .....	360,831	360,831
<b>THEATER MEDICAL INFORMATION PROGRAM</b>		
JOINT OPERATIONAL MEDICINE INFORMATION SYSTEM .....	8,326	8,326
DOD HEALTHCARE MANAGEMENT SYSTEM MODERNIZATION .....	499,193	499,193
UNDISTRIBUTED .....		-219,600
Change to Pharmacy Copayments .....		[-62,000]
Foreign Currency adjustments .....		[-15,500]
Historical unobligated balances .....		[-142,100]
<b>TOTAL DEFENSE HEALTH PROGRAM .....</b>	<b>33,664,466</b>	<b>33,452,866</b>
<b>TOTAL OTHER AUTHORIZATIONS .....</b>	<b>37,849,822</b>	<b>37,676,222</b>

1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**  
2 **TINGENCY OPERATIONS.**

<b>SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)		
<b>Program Title</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
<b>WORKING CAPITAL FUND, ARMY</b>		
<b>INDUSTRIAL OPERATIONS</b>		
SUPPLY MANAGEMENT—ARMY .....	50,111	50,111
<b>TOTAL WORKING CAPITAL FUND, ARMY .....</b>	<b>50,111</b>	<b>50,111</b>
<b>WORKING CAPITAL FUND, DEFENSE-WIDE</b>		
ENERGY MANAGEMENT—DEFENSE .....	70,000	70,000
SUPPLY CHAIN MANAGEMENT—DEFENSE .....	28,845	28,845
<b>TOTAL WORKING CAPITAL FUND, DEFENSE-WIDE .....</b>	<b>98,845</b>	<b>98,845</b>
<b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b>		
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE .....	196,300	196,300
<b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF .....</b>	<b>196,300</b>	<b>196,300</b>
<b>OFFICE OF THE INSPECTOR GENERAL</b>		
OPERATION AND MAINTENANCE .....	24,692	24,692
<b>TOTAL OFFICE OF THE INSPECTOR GENERAL .....</b>	<b>24,692</b>	<b>24,692</b>
<b>DEFENSE HEALTH PROGRAM</b>		
IN-HOUSE CARE .....	61,857	61,857
PRIVATE SECTOR CARE .....	331,968	331,968
CONSOLIDATED HEALTH SUPPORT .....	1,980	1,980
<b>TOTAL DEFENSE HEALTH PROGRAM .....</b>	<b>395,805</b>	<b>395,805</b>

**SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Program Title	FY 2018 Request	Conference Authorized
<b>TOTAL OTHER AUTHORIZATIONS</b> .....	<b>765,753</b>	<b>765,753</b>

1 **TITLE XLVI—MILITARY**  
2 **CONSTRUCTION**

Sec. 4601. Military construction.

Sec. 4602. Military construction for overseas contingency operations.

3 **SEC. 4601. MILITARY CONSTRUCTION.**

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2018 Request	Conference Authorized
Army	Alabama Fort Rucker	Training Support Facility .....	38,000	38,000
Army	Arizona Davis-Monthan AFB	General Instruction Building .....	22,000	22,000
Army	Fort Huachuca	Ground Transport Equipment Building .....	30,000	30,000
Army	California Fort Irwin	Land Acquisition .....	3,000	3,000
Army	Colorado Fort Carson	Ammunition Supply Point .....	21,000	21,000
Army	Fort Carson	Battlefield Weather Facility .....	8,300	8,300
Army	Florida Eglin AFB	Multipurpose Range Complex .....	18,000	18,000
Army	Georgia Fort Benning	Air Traffic Control Tower .....	0	10,800
Army	Fort Benning	Training Support Facility .....	28,000	28,000
Army	Fort Gordon	Access Control Point .....	33,000	33,000
Army	Fort Gordon	Automation-Aided Instructional Building .....	18,500	18,500
Army	Germany Stuttgart	Commissary .....	40,000	40,000
Army	Wiesbaden	Administrative Building .....	43,000	43,000
Army	Hawaii Fort Shafter	Command and Control Facility, Iner 3 .....	90,000	90,000
Army	Pohakuloa Training Area	Operational Readiness Training Complex (Bar-racks).	0	25,000
Army	Indiana Crane Army Ammuni-tion Activity	Shipping and Receiving Building .....	24,000	24,000
Army	Korea Kunsan AB	Unmanned Aerial Vehicle Hangar .....	53,000	53,000
Army	New York U.S. Military Academy	Cemetery .....	22,000	22,000
Army	South Carolina Fort Jackson	Reception Barracks Complex, PH1 .....	60,000	60,000
Army	Shaw AFB	Mission Training Complex .....	25,000	25,000
Army	Texas Camp Bullis	Vehicle Maintenance Shop .....	13,600	13,600
Army	Fort Hood	Battalion Headquarters Complex .....	37,000	37,000
Army	Fort Hood	Vehicle Maintenance Shop .....	0	33,000
Army	Turkey Turkey Various	Forward Operating Site .....	6,400	0
Army	Virginia Fort Belvoir	Secure Admin/Operations Facility, Iner 3 .....	14,124	14,124
Army	Joint Base Langley-Eustis	Aircraft Maintenance Instructional Bldg .....	34,000	34,000
Army	Joint Base Myer-Hen-derson	Security Fence .....	20,000	20,000
Army	Washington Joint Base Lewis-McChord	Confinement Facility .....	66,000	66,000
Army	Yakima	Fire Station .....	19,500	19,500
Army	Worldwide Unspecified Unspecified Worldwide Locations	ERI: Planning and Design .....	0	0
Army	Unspecified Worldwide Locations	Host Nation Support .....	28,700	28,700

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2018 Request	Conference Authorized
Army	Unspecified Worldwide Locations	Planning and Design .....	72,770	72,770
Army	Unspecified Worldwide Locations	Prior Year Savings: Unspecified Minor Construction, Army.	0	0
Army	Unspecified Worldwide Locations	Unspecified Minor Construction .....	31,500	31,500
<b>Military Construction, Army Total .....</b>			<b>920,394</b>	<b>982,794</b>
Navy	Arizona Yuma	Enlisted Dining Facility & Community Bldgs .....	36,358	36,358
Navy	California Barstow	Combat Vehicle Repair Facility .....	36,539	36,539
Navy	Camp Pendleton	Ammunition Supply Point Upgrade .....	61,139	61,139
Navy	Coronado	Undersea Rescue Command Operations Building ....	0	36,000
Navy	Lemoore	F/A 18 Avionics Repair Facility Replacement .....	60,828	60,828
Navy	Miramar	Aircraft Maintenance Hangar (Line 2) .....	39,600	39,600
Navy	Miramar	F-35 Simulator Facility .....	0	47,600
Navy	San Diego	P440 Pier 8 Replacement .....	0	0
Navy	Twentynine Palms	Potable Water Treatment/Blending Facility .....	55,099	55,099
Navy	District of Columbia NSA Washington	Electronics Science and Technology Laboratory .....	37,882	37,882
Navy	NSA Washington	Washington Navy Yard AT/FP .....	60,000	0
Navy	Djibouti Camp Lemonier	Aircraft Parking Apron Expansion .....	13,390	0
Navy	Florida Mayport	Advanced Wastewater Treatment Plant (AWWTP)	74,994	74,994
Navy	Mayport	Missile Magazines .....	9,824	9,824
Navy	Mayport	P426 Littoral Combat Ship (LCS) Support Facility (LSF).	0	0
Navy	Mayport	P427 Littoral Combat Ship (LCS) Training Facility (LSF).	0	0
Navy	Georgia Albany	Combat Vehicle Warehouse .....	0	43,300
Navy	Greece Souda Bay	Strategic Aircraft Parking Apron Expansion .....	22,045	22,045
Navy	Guam Joint Region Marianas	Aircraft Maintenance Hangar #2 .....	75,233	75,233
Navy	Joint Region Marianas	Corrosion Control Hangar .....	66,747	66,747
Navy	Joint Region Marianas	MALS Facilities .....	49,431	49,431
Navy	Joint Region Marianas	Navy-Commercial Tie-in Hardening .....	37,180	37,180
Navy	Joint Region Marianas	Water Well Field .....	56,088	56,088
Navy	Hawaii Joint Base Pearl Harbor-Hickam	Sewer Lift Station & Relief Sewer Line .....	73,200	73,200
Navy	Kaneohe Bay	LHD Pad Conversions MV-22 Landing Pads .....	19,012	19,012
Navy	Kaneohe Bay	Mokapu Gate Entry Control AT/FP Compliance ....	0	26,492
Navy	Wahiawa	Communications/Crypto Facility .....	65,864	65,864
Navy	Japan Iwakuni	KC130J Enlisted Aircrew Trainer Facility .....	21,860	21,860
Navy	Maine Kittery	Paint, Blast, and Rubber Facility .....	61,692	61,692
Navy	North Carolina Camp Lejeune	Bachelor Enlisted Quarters .....	37,983	37,983
Navy	Camp Lejeune	Water Treatment Plant Replacement Hadnot Pt ....	65,784	65,784
Navy	Cherry Point Marine Corps Air Station	F-35B Vertical Lift Fan Test Facility .....	15,671	15,671
Navy	Camp Lejeune	Radio BN Complex, Phase 2 .....	0	0
Navy	Virginia Dam Neck	ISR Operations Facility Expansion .....	29,262	29,262
Navy	Joint Expeditionary Base Little Creek—Story	ACU-4 Electrical Upgrades .....	2,596	2,596
Navy	Marine Corps Base Quantico	TBS Fire Station Building 533 Replacement .....	0	23,738
Navy	Norfolk	Chambers Field Magazine Recap PH 1 .....	34,665	34,665
Navy	Portsmouth	Ship Repair Training Facility .....	72,990	72,990
Navy	Yorktown	Bachelor Enlisted Quarters .....	36,358	36,358
Navy	Washington Indian Island	Missile Magazines .....	44,440	44,440
Navy	Worldwide Unspecified Unspecified Worldwide Locations	ERI: Planning and Design .....	0	0
Navy	Unspecified Worldwide Locations	Planning and Design .....	219,069	219,069
Navy	Unspecified Worldwide Locations	Prior Year Savings: Unspecified Minor Construction.	0	0
Navy	Unspecified Worldwide Locations	Unspecified Minor Construction .....	23,842	23,842

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2018 Request	Conference Authorized
<b>Military Construction, Navy Total</b>			<b>1,616,665</b>	<b>1,720,405</b>
Alaska				
AF	Eielson AFB	F-35A ADAL Conventional Munitions Facility .....	2,500	2,500
AF	Eielson AFB	F-35A AGE Facility / Fillstand .....	21,000	21,000
AF	Eielson AFB	F-35A Consolidated Munitions Admin Facility .....	27,000	27,000
AF	Eielson AFB	F-35A Extend Utiliduct to South Loop .....	48,000	48,000
AF	Eielson AFB	F-35A OSS/Weapons/Intel Facility .....	11,800	11,800
AF	Eielson AFB	F-35A R-11 Fuel Truck Shelter .....	9,600	9,600
AF	Eielson AFB	F-35A Satellite Dining Facility .....	8,000	8,000
AF	Eielson AFB	Repair Central Heat/Power Plant Boiler PH 4 .....	41,000	41,000
Arkansas				
AF	Little Rock AFB	Dormitory—168 PN .....	0	20,000
Australia				
AF	Darwin	APR—Bulk Fuel Storage Tanks .....	76,000	76,000
California				
AF	Travis Air Force Base	KC-46A ADAL B14 Fuel Cell Hangar .....	0	0
AF	Travis Air Force Base	KC-46A Aircraft 3-Bay Maintenance Hangar .....	0	107,000
AF	Travis Air Force Base	KC-46A Alter B181/185/187 Squad Ops/AMU .....	0	0
AF	Travis Air Force Base	KC-46A Alter B811 Corrosion Control Hangar .....	0	7,700
Colorado				
AF	Buckley Air Force Base	SBIRS Operations Facility .....	38,000	38,000
AF	Fort Carson	13 ASOS Expansion .....	13,000	13,000
AF	U.S. Air Force Academy	Air Force Cyberworx .....	30,000	30,000
Estonia				
AF	Amari Air Base	ERI: POL Capacity Phase II .....	0	0
AF	Amari Air Base	ERI: Tactical Fighter Aircraft Parking Apron .....	0	0
Florida				
AF	Eglin AFB	F-35A Armament Research Fac Addition (B614) ..	8,700	8,700
AF	Eglin AFB	Long-Range Stand-Off Acquisition Fac .....	38,000	38,000
AF	Eglin AFB	Dormitories (288 RM) .....	0	44,000
AF	MaeDill AFB	KC-135 Beddown Oq/Mxg HQ .....	8,100	8,100
AF	Tyndall Air Force Base	Fire Station .....	0	17,000
Georgia				
AF	Robins AFB	Commercial Vehicle Visitor Control Facility .....	9,800	9,800
Hungary				
AF	Keeskemet AB	ERI: Airfield Upgrades .....	0	0
AF	Keeskemet AB	ERI: Construct Parallel Taxiway .....	0	0
AF	Keeskemet AB	ERI: Increase POL Storage Capacity .....	0	0
Iceland				
AF	Keflavik	ERI: Airfield Upgrades .....	0	0
Italy				
AF	Aviano AB	Guardian Angel Operations Facility .....	27,325	0
Kansas				
AF	McCormell AFB	Combat Arms Facility .....	17,500	17,500
Latvia				
AF	Lielvarde Air Base	ERI: Expand Strategic Ramp Parking .....	0	0
Luxembourg				
AF	Sanem	ERI: ECAOS Deployable Airbase System Storage ..	0	0
Mariana Islands				
AF	Tinian	APR Land Acquisition .....	12,900	12,900
Maryland				
AF	Joint Base Andrews	PAR Land Acquisition .....	17,500	17,500
AF	Joint Base Andrews	Presidential Aircraft Recap Complex .....	254,000	100,000
Massachusetts				
AF	Hanscom AFB	Vandenberg Gate Complex .....	11,400	11,400
Nevada				
AF	Nellis AFB	Red Flag 5th Gen Facility Addition .....	23,000	23,000
AF	Nellis AFB	Virtual Warfare Center Operations Facility .....	38,000	38,000
New Jersey				
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B1749 for ATGL & LST Servicing .....	0	2,000
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B1816 for Supply .....	0	6,900
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B2319 for Boom Operator Trainer .....	0	6,100
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B2324 Regional Mx Training Fac .....	0	18,000
AF	McGuire-Dix-Lakehurst	KC-46A ADAL B3209 for Fuselage Trainer .....	0	3,300
AF	McGuire-Dix-Lakehurst	KC-46A Add to B1837 for Body Tanks Storage .....	0	2,300
AF	McGuire-Dix-Lakehurst	KC-46A Aerospace Ground Equipment Storage .....	0	4,100
AF	McGuire-Dix-Lakehurst	KC-46A Alter Apron & Fuel Hydrants .....	0	17,000
AF	McGuire-Dix-Lakehurst	KC-46A Alter Bldgs for Ops and TFI AMU-AMXS .....	0	9,000
AF	McGuire-Dix-Lakehurst	KC-46A Alter Facilities for Maintenance .....	0	5,800
AF	McGuire-Dix-Lakehurst	KC-46A Two-Bay General Purpose Maintenance Hangar.	0	72,000
New Mexico				
AF	Cannon AFB	Dangerous Cargo Pad Relocate CATM .....	42,000	42,000
AF	Holloman AFB	RPA Fixed Ground Control Station Facility .....	4,250	4,250

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	Conference Authorized
AF	Kirtland Air Force Base	Fire Station .....	0	9,300
AF	North Dakota Minot AFB	Indoor Firing Range .....	27,000	27,000
AF	Norway Rygge	ERI: Replace/Expand Quick Reaction Alert Pad .....	0	0
AF	Ohio Wright-Patterson AFB	Fire/Crash Rescue Station .....	0	6,800
AF	Oklahoma Altus AFB	Fire Rescue Center .....	0	16,000
AF	Altus AFB	KC-46A FTU Fuselage Trainer Phase 2 .....	4,900	4,900
AF	Qatar Al Udeid	Consolidated Squadron Operations Facility .....	15,000	0
AF	Romania Campia Turzii	ERI: Upgrade Utilities Infrastructure .....	0	0
AF	Slovakia Malacky	ERI: Airfield Upgrades .....	0	0
AF	Malacky	ERI: Increase POL Storage Capacity .....	0	0
AF	Sliaac Airport	ERI: Airfield Upgrades .....	0	0
AF	Texas Joint Base San Antonio	Air Traffic Control Tower .....	10,000	10,000
AF	Joint Base San Antonio	BMT Classrooms/Dining Facility 4 .....	38,000	38,000
AF	Joint Base San Antonio	BMT Recruit Dormitory 7 .....	90,130	90,130
AF	Joint Base San Antonio	Camp Bullis Dining Facility .....	18,500	18,500
AF	Turkey Incirlik AB	Dormitory—216 PN .....	25,997	0
AF	United Kingdom Royal Air Force Fairford	EIC RC-135 Infrastructure .....	2,150	2,150
AF	Royal Air Force Fairford	EIC RC-135 Intel and Squad Ops Facility .....	38,000	38,000
AF	Royal Air Force Fairford	EIC RC-135 Runway Overrun Reconfiguration .....	5,500	5,500
AF	Royal Air Force Lakenheath	Consolidated Corrosion Control Facility .....	20,000	20,000
AF	Royal Air Force Lakenheath	F-35A 6-Bay Hangar .....	24,000	24,000
AF	Royal Air Force Lakenheath	F-35A F-15 Parking .....	10,800	10,800
AF	Royal Air Force Lakenheath	F-35A Field Training Detachment Facility .....	12,492	12,492
AF	Royal Air Force Lakenheath	F-35A Flight Simulator Facility .....	22,000	22,000
AF	Royal Air Force Lakenheath	F-35A Infrastructure .....	6,700	6,700
AF	Royal Air Force Lakenheath	F-35A Squadron Operations and AMU .....	41,000	41,000
AF	Utah Hill AFB	UTTR Consolidated Mission Control Center .....	28,000	28,000
AF	Worldwide Unspecified Worldwide Locations	KC-46A Main Operating Base 4 .....	269,000	0
AF	Worldwide Unspecified Unspecified Worldwide Locations	ERI: Planning and Design .....	0	0
AF	Unspecified Worldwide Locations	Planning and Design .....	97,852	97,852
AF	Unspecified Worldwide Locations	Planning and Design .....	0	56,400
AF	Various Worldwide Locations	Unspecified Minor Construction .....	31,400	31,400
AF	Wyoming F. E. Warren AFB	Consolidated Helo/TRF Ops/AMU and Alert Fac ...	62,000	62,000
<b>Military Construction, Air Force Total .....</b>			<b>1,738,796</b>	<b>1,678,174</b>
Def-Wide	Alaska Fort Greely	Missile Field #4	200,000	200,000
Def-Wide	California Camp Pendleton	Ambulatory Care Center Replacement .....	26,400	26,400
Def-Wide	Camp Pendleton	SOF Marine Battalion Company/Team Facilities .....	9,958	9,958
Def-Wide	Camp Pendleton	SOF Motor Transport Facility Expansion .....	7,284	7,284
Def-Wide	Coronado	SOF Basic Training Command .....	96,077	96,077
Def-Wide	Coronado	SOF Logistics Support Unit One Ops Fac. #3 .....	46,175	46,175

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(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
Def-Wide	Coronado	SOF SEAL Team Ops Facility .....	50,265	50,265
Def-Wide	Coronado	SOF SEAL Team Ops Facility .....	66,218	66,218
	Colorado			
Def-Wide	Schriever AFB	Ambulatory Care Center/Dental Add./Alt. ....	10,200	10,200
	Conus Classified			
Def-Wide	Classified Location	Battalion Complex, PH 1 .....	64,364	64,364
	Florida			
Def-Wide	Eglin AFB	SOF Simulator Facility .....	5,000	5,000
Def-Wide	Eglin AFB	Upgrade Open Storage Yard .....	4,100	4,100
Def-Wide	Hurlburt Field	SOF Combat Aircraft Parking Apron .....	34,700	34,700
Def-Wide	Hurlburt Field	SOF Simulator & Fuselage Trainer Facility .....	11,700	11,700
	Georgia			
Def-Wide	Fort Gordon	Blood Donor Center Replacement .....	10,350	10,350
	Germany			
Def-Wide	Rhine Ordnance Barracks	Medical Center Replacement Iner 7 .....	106,700	106,700
Def-Wide	Spangdahlem AB	Spangdahlem Elementary School Replacement .....	79,141	79,141
Def-Wide	Stuttgart	Robinson Barracks Elem. School Replacement .....	46,609	46,609
	Greece			
Def-Wide	Souda Bay	Construct Hydrant System .....	18,100	18,100
	Guam			
Def-Wide	Andersen AFB	Construct Truck Load & Unload Facility .....	23,900	23,900
	Hawaii			
Def-Wide	Kunua	NSAH Kunua Tunnel Entrance .....	5,000	5,000
	Italy			
Def-Wide	Sigonella	Construct Hydrant System .....	22,400	0
Def-Wide	Vicenza	Vicenza High School Replacement .....	62,406	62,406
	Japan			
Def-Wide	Iwakuni	Construct Bulk Storage Tanks PH 1 .....	30,800	30,800
Def-Wide	Kadena AB	SOF Maintenance Hangar .....	3,972	3,972
Def-Wide	Kadena AB	SOF Special Tactics Operations Facility .....	27,573	27,573
Def-Wide	Okinawa	Replace Mooring System .....	11,900	11,900
Def-Wide	Sasebo	Upgrade Fuel Wharf .....	45,600	45,600
Def-Wide	Torri Commo Station	SOF Tactical Equipment Maintenance Fac .....	25,323	25,323
Def-Wide	Yokota AB	Airfield Apron .....	10,800	10,800
Def-Wide	Yokota AB	Hangar/Aircraft Maintenance Unit .....	12,034	12,034
Def-Wide	Yokota AB	Operations and Warehouse Facilities .....	8,590	8,590
Def-Wide	Yokota AB	Simulator Facility .....	2,189	2,189
	Maryland			
Def-Wide	Bethesda Naval Hospital	Medical Center Addition/Alteration Iner 2 .....	123,800	123,800
Def-Wide	Fort Meade	NSAW Recapitalize Building #2 Iner 3 .....	313,968	313,968
	Missouri			
Def-Wide	Fort Leonard Wood	Blood Processing Center Replacement .....	11,941	11,941
Def-Wide	Fort Leonard Wood	Hospital Replacement .....	250,000	100,000
Def-Wide	St. Louis	Next NGA West (N2W) Complex, Phase 1 .....	381,000	175,000
	New Mexico			
Def-Wide	Cannon AFB	SOF C-130 AGE Facility .....	8,228	8,228
	North Carolina			
Def-Wide	Camp Lejeune	Ambulatory Care Center Addition/Alteration .....	15,300	15,300
Def-Wide	Camp Lejeune	Ambulatory Care Center/Dental Clinic .....	22,000	22,000
Def-Wide	Camp Lejeune	Ambulatory Care Center/Dental Clinic .....	21,400	21,400
Def-Wide	Camp Lejeune	SOF Human Performance Training Center .....	10,800	10,800
Def-Wide	Camp Lejeune	SOF Motor Transport Maintenance Expansion .....	20,539	20,539
Def-Wide	Fort Bragg	SOF Human Performance Training Ctr .....	20,260	20,260
Def-Wide	Fort Bragg	SOF Support Battalion Admin Facility .....	13,518	13,518
Def-Wide	Fort Bragg	SOF Tactical Equipment Maintenance Facility .....	20,000	20,000
Def-Wide	Fort Bragg	SOF Telecomm Reliability Improvements .....	4,000	4,000
Def-Wide	Seymour Johnson AFB	Construct Tanker Truck Delivery System .....	20,000	20,000
	Puerto Rico			
Def-Wide	Punta Borinquen	Ramey Unit School Replacement .....	61,071	61,071
	South Carolina			
Def-Wide	Shaw AFB	Consolidate Fuel Facilities .....	22,900	22,900
	Texas			
Def-Wide	Fort Bliss	Blood Processing Center .....	8,300	8,300
Def-Wide	Fort Bliss	Hospital Replacement Iner 8 .....	251,330	251,330
	United Kingdom			
Def-Wide	Menwith Hill Station	RAFMH Main Gate Rehabilitation .....	11,000	11,000
	Utah			
Def-Wide	Hill AFB	Replace POL Facilities .....	20,000	20,000
	Virginia			
Def-Wide	Joint Expeditionary Base Little Creek—Story	SOF SATEC Range Expansion .....	23,000	23,000
Def-Wide	Norfolk	Replace Hazardous Materials Warehouse .....	18,500	18,500
Def-Wide	Pentagon	Pentagon Corr 8 Pedestrian Access Control Pt .....	8,140	8,140
Def-Wide	Pentagon	S.E. Safety Traffic and Parking Improvements .....	28,700	28,700
Def-Wide	Pentagon	Security Updates .....	13,260	13,260

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Account	State/Country and Installation	Project Title	FY 2018 Request	Conference Authorized
Def-Wide	Portsmouth	Replace Hazardous Materials Warehouse .....	22,500	22,500
	Worldwide Unspecified			
Def-Wide	Unspecified Worldwide Locations	Contingency Construction .....	10,000	0
Def-Wide	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog. ....	150,000	165,000
Def-Wide	Unspecified Worldwide Locations	ERCIP Design .....	10,000	10,000
Def-Wide	Unspecified Worldwide Locations	Exercise Related Minor Construction .....	11,490	11,490
Def-Wide	Unspecified Worldwide Locations	Planning & Design .....	23,012	23,012
Def-Wide	Unspecified Worldwide Locations	Planning & Design MDA East Coast Site .....	0	0
Def-Wide	Unspecified Worldwide Locations	Planning and Design .....	0	0
Def-Wide	Unspecified Worldwide Locations	Planning and Design .....	0	0
Def-Wide	Unspecified Worldwide Locations	Planning and Design .....	39,746	39,746
Def-Wide	Unspecified Worldwide Locations	Planning and Design .....	40,220	40,220
Def-Wide	Unspecified Worldwide Locations	Planning and Design .....	1,150	1,150
Def-Wide	Unspecified Worldwide Locations	Planning and Design .....	1,942	1,942
Def-Wide	Unspecified Worldwide Locations	Planning and Design .....	26,147	26,147
Def-Wide	Unspecified Worldwide Locations	Planning and Design .....	20,000	20,000
Def-Wide	Unspecified Worldwide Locations	Planning and Design .....	13,500	13,500
Def-Wide	Unspecified Worldwide Locations	Prior Year Savings: Defense Wide Unspecified Minor Construction.	0	0
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	8,000	8,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,000	3,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,000	3,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,000	3,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	7,384	7,384
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	10,000	10,000
Def-Wide	Unspecified Worldwide Locations	Unspecified Minor Construction .....	2,039	2,039
		<b>Military Construction, Defense-Wide Total .....</b>	<b>3,314,913</b>	<b>2,941,513</b>
	Worldwide Unspecified			
NATO	NATO Security Investment Program	NATO Security Investment Program .....	154,000	154,000
NATO	NATO Security Investment Program	Prior Year Savings: NATO Security Investment Program.	0	0
		<b>NATO Security Investment Program Total .....</b>	<b>154,000</b>	<b>154,000</b>
	Delaware			
Army NG	New Castle	Combined Support Maintenance Shop .....	36,000	36,000
	Idaho			
Army NG	MTC Gowen	Enlisted Barracks Transient Training .....	0	9,000
Army NG	Orehard Training Area	Digital Air/Ground Integration Range .....	22,000	22,000
	Iowa			
Army NG	Camp Dodge	Vehicle Maintenance Instructional Facility .....	0	8,500
	Kansas			
Army NG	Fort Leavenworth	Enlisted Barracks Transient Training .....	0	19,000
	Maine			
Army NG	Presque Isle	National Guard Readiness Center .....	17,500	17,500
	Maryland			
Army NG	Sykesville	National Guard Readiness Center .....	19,000	19,000
	Minnesota			
Army NG	Arden Hills	National Guard Readiness Center .....	39,000	39,000
	Missouri			
Army NG	Springfield	Aircraft Maintenance Hangar (Addition) .....	0	32,000
	New Mexico			
Army NG	Las Cruces	National Guard Readiness Center Addition .....	8,600	8,600



**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

Account	State/Country and Installation	Project Title	FY 2018 Request	Conference Authorized
	Virginia			
Army NG	Fort Belvoir	Readiness Center Add/Alt .....	0	15,000
Army NG	Fort Pickett	Training Aids Center .....	4,550	4,550
	Washington			
Army NG	Tumwater	National Guard Readiness Center .....	31,000	31,000
	Worldwide Unspecified			
Army NG	Unspecified Worldwide Locations	Planning and Design .....	16,271	16,271
Army NG	Unspecified Worldwide Locations	Unspecified Minor Construction .....	16,731	16,731
<b>Military Construction, Army National Guard Total .....</b>			<b>210,652</b>	<b>294,152</b>
	California			
Army Res	Fallbrook	Army Reserve Center .....	36,000	36,000
	Delaware			
Army Res	Newark	Army Reserve Center .....	0	0
	Ohio			
Army Res	Wright-Patterson AFB	Area Maintenance Support Activity .....	0	0
	Puerto Rico			
Army Res	Aguadilla	Army Reserve Center .....	12,400	12,400
Army Res	Fort Buchanan	Reserve Center .....	0	26,000
	Washington			
Army Res	Lewis-McCord	Reserve Center .....	0	30,000
	Wisconsin			
Army Res	Fort McCoy	AT/MOB Dining Facility-1428 PN .....	13,000	13,000
	Worldwide Unspecified			
Army Res	Unspecified Worldwide Locations	Planning and Design .....	6,887	6,887
Army Res	Unspecified Worldwide Locations	Unspecified Minor Construction .....	5,425	5,425
<b>Military Construction, Army Reserve Total .....</b>			<b>73,712</b>	<b>129,712</b>
	California			
N/MC Res	Lemoore	Naval Operational Support Center Lemoore .....	17,330	17,330
	Georgia			
N/MC Res	Fort Gordon	Naval Operational Support Center Fort Gordon .....	17,797	17,797
	New Jersey			
N/MC Res	Joint Base McGuire-Dix-Lakehurst	Aircraft Apron, Taxiway & Support Facilities .....	11,573	11,573
	Texas			
N/MC Res	Fort Worth	KC130-J EACTS Facility .....	12,637	12,637
	Worldwide Unspecified			
N/MC Res	Unspecified Worldwide Locations	Planning & Design .....	4,430	4,430
N/MC Res	Unspecified Worldwide Locations	Unspecified Minor Construction .....	1,504	1,504
<b>Military Construction, Naval Reserve Total .....</b>			<b>65,271</b>	<b>65,271</b>
	California			
Air NG	March AFB	TFI Construct RPA Flight Training Unit .....	15,000	15,000
	Colorado			
Air NG	Peterson AFB	Space Control Facility .....	8,000	8,000
	Connecticut			
Air NG	Bradley IAP	Construct Base Entry Complex .....	7,000	7,000
	Indiana			
Air NG	Fort Wayne International Airport	Add to Building 764 for Weapons Release .....	0	0
Air NG	Hulman Regional Airport	Construct Small Arms Range .....	0	8,000
	Kentucky			
Air NG	Louisville IAP	Add/Alter Response Forces Facility .....	9,000	9,000
	Mississippi			
Air NG	Jackson International Airport	Construct Small Arms Range .....	0	8,000
	Missouri			
Air NG	Rosecrans Memorial Airport	Replace Communications Facility .....	10,000	10,000
	New York			
Air NG	Hancock Field	Add to Flight Training Unit, Building 641 .....	6,800	6,800
	Ohio			
Air NG	Rickenbacker International Airport	Construct Small Arms Range .....	0	0
Air NG	Toledo Express Airport	Northcom—Construct Alert Hangar .....	15,000	15,000
	Oklahoma			
Air NG	Tulsa International Airport	Construct Small Arms Range .....	0	8,000

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	Conference Authorized
	Oregon			
Air NG	Klamath Falls IAP	Construct Corrosion Control Hangar .....	10,500	10,500
Air NG	Klamath Falls IAP	Construct Indoor Range .....	8,000	8,000
	South Dakota			
Air NG	Joe Foss Field	Aircraft Maintenance Shops .....	12,000	12,000
	Tennessee			
Air NG	McGhee-Tyson Airport	Replace KC-135 Maintenance Hangar and Shops ..	25,000	25,000
	Wisconsin			
Air NG	Dane County Regional Airport/Truax Field	Construct Small Arms Range .....	0	8,000
	Worldwide Unspecified			
Air NG	Unspecified Worldwide Locations	Planning and Design .....	18,000	18,000
Air NG	Unspecified Worldwide Locations	Planning and Design .....	0	2,000
Air NG	Unspecified Worldwide Locations	Unspecified Minor Construction .....	17,191	17,191
<b>Military Construction, Air National Guard Total .....</b>			<b>161,491</b>	<b>195,491</b>
	Florida			
AF Res	Patrick AFB	Guardian Angel Facility .....	25,000	25,000
	Georgia			
AF Res	Robins Air Force Base	Consolidated Mission Complex Phase 2 .....	0	32,000
	Guam			
AF Res	Joint Region Marianas	Reserve Medical Training Facility .....	5,200	5,200
	Hawaii			
AF Res	Joint Base Pearl Harbor-Hickam	Consolidated Training Facility .....	5,500	5,500
	Massachusetts			
AF Res	Westover ARB	Indoor Small Arms Range .....	10,000	10,000
AF Res	Westover ARB	Maintenance Facility Shops .....	0	0
	Minnesota			
AF Res	Minneapolis-St. Paul IAP	Indoor Small Arms Range .....	0	9,000
	North Carolina			
AF Res	Seymour Johnson AFB	KC-46A ADAL for Alt Mission Storage .....	6,400	6,400
	Texas			
AF Res	NAS JRB Fort Worth	Munitions Training/Admin Facility .....	0	3,100
	Utah			
AF Res	Hill AFB	Add/Alter Life Support Facility .....	3,100	3,100
	Worldwide Unspecified			
AF Res	Unspecified Worldwide Locations	Planning & Design .....	0	0
AF Res	Unspecified Worldwide Locations	Planning & Design .....	4,725	18,225
AF Res	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,610	3,610
<b>Military Construction, Air Force Reserve Total .....</b>			<b>63,535</b>	<b>121,135</b>
	Georgia			
FH Con Army	Fort Gordon	Family Housing New Construction .....	6,100	6,100
	Germany			
FH Con Army	Baumholder	Construction Improvements .....	34,156	34,156
FH Con Army	South Camp Vilseck	Family Housing New Construction (36 Units) .....	22,445	22,445
	Korea			
FH Con Army	Camp Humphreys	Family Housing New Construction Iner 2 .....	34,402	34,402
	Kwajalein			
FH Con Army	Kwajalein Atoll	Family Housing Replacement Construction .....	31,000	31,000
	Massachusetts			
FH Con Army	Natick	Family Housing Replacement Construction .....	21,000	21,000
	Worldwide Unspecified			
FH Con Army	Unspecified Worldwide Locations	Planning & Design .....	33,559	33,559
FH Con Army	Unspecified Worldwide Locations	Prior Year Savings: Family Housing Construction, Army.	0	0
<b>Family Housing Construction, Army Total .....</b>			<b>182,662</b>	<b>182,662</b>
	Worldwide Unspecified			
FH Ops Army	Unspecified Worldwide Locations	Furnishings .....	12,816	12,816
FH Ops Army	Unspecified Worldwide Locations	Housing Privatization Support .....	20,893	20,893
FH Ops Army	Unspecified Worldwide Locations	Leasing .....	148,538	148,538
FH Ops Army	Unspecified Worldwide Locations	Maintenance .....	57,708	57,708

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)				
Account	State/Country and Installation	Project Title	FY 2018 Request	Conference Authorized
FH Ops Army	Unspecified Worldwide Locations	Management .....	37,089	37,089
FH Ops Army	Unspecified Worldwide Locations	Miscellaneous .....	400	400
FH Ops Army	Unspecified Worldwide Locations	Services .....	8,930	8,930
FH Ops Army	Unspecified Worldwide Locations	Utilities .....	60,251	60,251
<b>Family Housing Operation And Maintenance, Army Total .....</b>			<b>346,625</b>	<b>346,625</b>
FH Con Navy	Bahrain Island SW Asia	Construction-Base GFOQ .....	2,138	2,138
FH Con Navy	Mariana Islands Guam	Replace Andersen Housing PH II .....	40,875	40,875
FH Con Navy	Worldwide Unspecified Unspecified Worldwide Locations	Construction Improvements .....	36,251	36,251
FH Con Navy	Unspecified Worldwide Locations	Planning & Design .....	4,418	4,418
FH Con Navy	Unspecified Worldwide Locations	Prior Year Savings: Family Housing Construction, N/MC.	0	0
<b>Family Housing Construction, Navy And Marine Corps Total .....</b>			<b>83,682</b>	<b>83,682</b>
FH Ops Navy	Worldwide Unspecified Unspecified Worldwide Locations	Furnishings .....	14,529	14,529
FH Ops Navy	Unspecified Worldwide Locations	Housing Privatization Support .....	27,587	27,587
FH Ops Navy	Unspecified Worldwide Locations	Leasing .....	61,921	61,921
FH Ops Navy	Unspecified Worldwide Locations	Maintenance .....	95,104	95,104
FH Ops Navy	Unspecified Worldwide Locations	Management .....	50,989	50,989
FH Ops Navy	Unspecified Worldwide Locations	Miscellaneous .....	336	336
FH Ops Navy	Unspecified Worldwide Locations	Services .....	15,649	15,649
FH Ops Navy	Unspecified Worldwide Locations	Utilities .....	62,167	62,167
<b>Family Housing Operation And Maintenance, Navy And Marine Corps Total.</b>			<b>328,282</b>	<b>328,282</b>
FH Con AF	Worldwide Unspecified Unspecified Worldwide Locations	Construction Improvements .....	80,617	80,617
FH Con AF	Unspecified Worldwide Locations	Planning & Design .....	4,445	4,445
FH Con AF	Unspecified Worldwide Locations	Prior Year Savings: Family Housing Construction ..	0	0
<b>Family Housing Construction, Air Force Total .....</b>			<b>85,062</b>	<b>85,062</b>
FH Ops AF	Worldwide Unspecified Unspecified Worldwide Locations	Furnishings .....	29,424	29,424
FH Ops AF	Unspecified Worldwide Locations	Housing Privatization .....	21,569	21,569
FH Ops AF	Unspecified Worldwide Locations	Leasing .....	16,818	16,818
FH Ops AF	Unspecified Worldwide Locations	Maintenance .....	134,189	134,189
FH Ops AF	Unspecified Worldwide Locations	Management .....	53,464	53,464
FH Ops AF	Unspecified Worldwide Locations	Miscellaneous .....	1,839	1,839
FH Ops AF	Unspecified Worldwide Locations	Services .....	13,517	13,517
FH Ops AF	Unspecified Worldwide Locations	Utilities .....	47,504	47,504
<b>Family Housing Operation And Maintenance, Air Force Total .....</b>			<b>318,324</b>	<b>318,324</b>
FH Ops DW	Worldwide Unspecified Unspecified Worldwide Locations	Furnishings .....	6	6

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Account	State/Country and Installation	Project Title	FY 2018 Request	Conference Authorized
FH Ops DW	Unspecified Worldwide Locations	Furnishings .....	641	641
FH Ops DW	Unspecified Worldwide Locations	Furnishings .....	407	407
FH Ops DW	Unspecified Worldwide Locations	Leasing .....	12,390	12,390
FH Ops DW	Unspecified Worldwide Locations	Leasing .....	39,716	39,716
FH Ops DW	Unspecified Worldwide Locations	Maintenance .....	655	655
FH Ops DW	Unspecified Worldwide Locations	Maintenance .....	567	567
FH Ops DW	Unspecified Worldwide Locations	Management .....	319	319
FH Ops DW	Unspecified Worldwide Locations	Services .....	14	14
FH Ops DW	Unspecified Worldwide Locations	Utilities .....	268	268
FH Ops DW	Unspecified Worldwide Locations	Utilities .....	86	86
FH Ops DW	Unspecified Worldwide Locations	Utilities .....	4,100	4,100
<b>Family Housing Operation And Maintenance, Defense-Wide Total .....</b>			<b>59,169</b>	<b>59,169</b>
FHIF	Worldwide Unspecified Unspecified Worldwide Locations	Administrative Expenses—FHIF .....	2,726	2,726
<b>DoD Family Housing Improvement Fund Total .....</b>			<b>2,726</b>	<b>2,726</b>
UHIF	Worldwide Unspecified Unaccompanied Housing Improvement Fund	Administrative Expenses—UHIF .....	623	623
<b>Unaccompanied Housing Improvement Fund Total .....</b>			<b>623</b>	<b>623</b>
BRAC	Worldwide Unspecified Base Realignment & Closure, Army	Base Realignment and Closure .....	58,000	58,000
<b>Base Realignment and Closure—Army Total .....</b>			<b>58,000</b>	<b>58,000</b>
BRAC	Worldwide Unspecified Base Realignment & Closure, Navy	Base Realignment & Closure .....	93,474	128,474
BRAC	Unspecified Worldwide Locations	DON-100: Planning, Design and Management .....	8,428	8,428
BRAC	Unspecified Worldwide Locations	DON-101: Various Locations .....	23,753	23,753
BRAC	Unspecified Worldwide Locations	DON-138: NAS Brunswick, ME .....	647	647
BRAC	Unspecified Worldwide Locations	DON-157: MCSA Kansas City, MO .....	40	40
BRAC	Unspecified Worldwide Locations	DON-172: NWS Seal Beach, Concord, CA .....	5,355	5,355
BRAC	Unspecified Worldwide Locations	DON-84: JRB Willow Grove & Cambria Reg AP ...	4,737	4,737
BRAC	Unspecified Worldwide Locations	Undistributed .....	7,210	7,210
<b>Base Realignment and Closure—Navy Total .....</b>			<b>143,644</b>	<b>178,644</b>
<b>Total, Military Construction .....</b>			<b>9,928,228</b>	<b>9,926,446</b>

**1 SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CON-**  
**2 TINGENCY OPERATIONS.**

<b>SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)				
<b>Service</b>	<b>State/Country and Installation</b>	<b>Project</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
	Guantanamo Bay, Cuba			
Army	Guantanamo Bay	OCO: Barracks .....	115,000	115,000
	Turkey			
Army	Various Locations	Forward Operating Site .....	0	6,400
	Worldwide Unspecified			
Army	Unspecified Worldwide Locations	ERI: Planning and Design .....	15,700	15,700
Army	Unspecified Worldwide Locations	OCO: Planning and Design .....	9,000	9,000
	<b>Military Construction, Army Total</b> .....		<b>139,700</b>	<b>146,100</b>
	Djibouti			
Navy	Camp Lemonier	Aircraft Parking Apron Expansion .....	0	13,390
	Worldwide Unspecified			
Navy	Unspecified Worldwide Locations	ERI: Planning and Design .....	18,500	18,500
	<b>Military Construction, Navy Total</b> .....		<b>18,500</b>	<b>31,890</b>
	Estonia			
AF	Amari Air Base	ERI: POL Capacity Phase II .....	4,700	4,700
AF	Amari Air Base	ERI: Tactical Fighter Aircraft Parking Apron .....	9,200	9,200
	Hungary			
AF	Keeskemet AB	ERI: Airfield Upgrades .....	12,900	12,900
AF	Keeskemet AB	ERI: Construct Parallel Taxiway .....	30,000	30,000
AF	Keeskemet AB	ERI: Increase POL Storage Capacity .....	12,500	12,500
	Iceland			
AF	Keflavik	ERI: Airfield Upgrades .....	14,400	14,400
	Italy			
AF	Aviano AB	Guardian Angel Operations Facility .....	0	27,325
	Jordan			
AF	Azraq	OCO: MSAB Development .....	143,000	143,000
	Latvia			
AF	Lielvarde Air Base	ERI: Expand Strategic Ramp Parking .....	3,850	3,850
	Luxembourg			
AF	Sanem	ERI: ECAOS Deployable Airbase System Storage .....	67,400	67,400
	Norway			
AF	Rygge	ERI: Replace/Expand Quick Reaction Alert Pad .....	10,300	10,300
	Qatar			
AF	Al Udeid	Consolidated Squadron Operations Facility .....	0	15,000
	Romania			
AF	Campia Turzii	ERI: Upgrade Utilities Infrastructure .....	2,950	2,950
	Slovakia			
AF	Malacky	ERI: Airfield Upgrades .....	4,000	4,000
AF	Malacky	ERI: Increase POL Storage Capacity .....	20,000	20,000
AF	Sliae Airport	ERI: Airfield Upgrades .....	22,000	22,000
	Turkey			
AF	Incirlik AB	Dormitory—216PN .....	0	25,997
AF	Incirlik AB	OCO: Relocate Base Main Access Control Point .....	14,600	14,600
AF	Incirlik AB	OCO: Replace Perimeter Fence .....	8,100	8,100
	Worldwide Unspecified			
AF	Unspecified Worldwide Locations	ERI: Planning and Design .....	56,630	56,630
AF	Unspecified Worldwide Locations	OCO—Planning and Design .....	41,500	41,500
	<b>Military Construction, Air Force Total</b> .....		<b>478,030</b>	<b>546,352</b>
	Italy			
Def-Wide	Signonella	Construct Hydrant System .....	0	22,400
	Worldwide Unspecified			
Def-Wide	Unspecified Worldwide Locations	ERI: Planning and Design .....	1,900	1,900
	<b>Military Construction, Defense-Wide Total</b> .....		<b>1,900</b>	<b>24,300</b>
	<b>Total, Military Construction</b> .....		<b>638,130</b>	<b>748,642</b>

1 **TITLE XLVII—DEPARTMENT OF**  
 2 **ENERGY NATIONAL SECURITY**  
 3 **PROGRAMS**

Sec. 4701. Department of Energy national security programs.

4 **SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY**  
 5 **PROGRAMS.**

<b>SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS</b> (In Thousands of Dollars)		
<b>Program</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
<b>Discretionary Summary By Appropriation</b>		
<b>Energy And Water Development, And Related Agencies</b>		
<b>Appropriation Summary:</b>		
<b>Energy Programs</b>		
Nuclear Energy .....	133,000	133,000
<b>Atomic Energy Defense Activities</b>		
<b>National nuclear security administration:</b>		
Weapons activities .....	10,239,344	10,377,475
Defense nuclear nonproliferation .....	1,793,310	1,883,310
Naval reactors .....	1,479,751	1,431,551
Federal salaries and expenses .....	418,595	407,595
<b>Total, National nuclear security administration .....</b>	<b>13,931,000</b>	<b>14,099,931</b>
<b>Environmental and other defense activities:</b>		
Defense environmental cleanup .....	5,537,186	5,440,106
Other defense activities .....	815,512	816,000
Defense nuclear waste disposal .....	30,000	30,000
<b>Total, Environmental &amp; other defense activities .....</b>	<b>6,382,698</b>	<b>6,286,106</b>
<b>Total, Atomic Energy Defense Activities .....</b>	<b>20,313,698</b>	<b>20,386,037</b>
<b>Total, Discretionary Funding .....</b>	<b>20,446,698</b>	<b>20,519,037</b>
<b>Nuclear Energy</b>		
Idaho sitewide safeguards and security .....	133,000	133,000
<b>Total, Nuclear Energy .....</b>	<b>133,000</b>	<b>133,000</b>
<b>Weapons Activities</b>		
<b>Directed stockpile work</b>		
<b>Life extension programs</b>		
B61 Life extension program .....	788,572	788,572
W76 Life extension program .....	224,134	224,134
W88 Alteration program .....	332,292	332,292
W80-4 Life extension program .....	399,090	399,090
<b>Total, Life extension programs .....</b>	<b>1,744,088</b>	<b>1,744,088</b>
<b>Stockpile systems</b>		
B61 Stockpile systems .....	59,729	59,729
W76 Stockpile systems .....	51,400	51,400
W78 Stockpile systems .....	60,100	60,100
W80 Stockpile systems .....	80,087	80,087
B83 Stockpile systems .....	35,762	35,762
W87 Stockpile systems .....	83,200	83,200
W88 Stockpile systems .....	131,576	131,576
<b>Total, Stockpile systems .....</b>	<b>501,854</b>	<b>501,854</b>
<b>Weapons dismantlement and disposition</b>		
Operations and maintenance .....	52,000	52,000
<b>Stockpile services</b>		
Production support .....	470,400	470,400
Research and development support .....	31,150	31,150

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SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2018 Request	Conference Authorized
R&D certification and safety .....	196,840	196,840
Management, technology, and production .....	285,400	285,400
<b>Total, Stockpile services</b> .....	<b>983,790</b>	<b>983,790</b>
<b>Strategic materials</b>		
Uranium sustainment .....	20,579	20,579
Plutonium sustainment .....	210,367	210,367
Tritium sustainment .....	198,152	198,152
Domestic uranium enrichment .....	60,000	60,000
Strategic materials sustainment .....	206,196	206,196
<b>Total, Strategic materials</b> .....	<b>695,294</b>	<b>695,294</b>
<b>Total, Directed stockpile work</b> .....	<b>3,977,026</b>	<b>3,977,026</b>
<b>Research, development, test and evaluation (RDT&amp;E)</b>		
<b>Science</b>		
Advanced certification .....	57,710	57,710
Primary assessment technologies .....	89,313	89,313
Dynamic materials properties .....	122,347	122,347
Advanced radiography .....	37,600	37,600
Secondary assessment technologies .....	76,833	76,833
Academic alliances and partnerships .....	52,963	52,963
Enhanced Capabilities for Subcritical Experiments .....	50,755	50,755
<b>Total, Science</b> .....	<b>487,521</b>	<b>487,521</b>
<b>Engineering</b>		
Enhanced surety .....	39,717	39,717
Weapon systems engineering assessment technology .....	23,029	23,029
Nuclear survivability .....	45,230	45,230
Enhanced surveillance .....	45,147	45,147
Stockpile Responsiveness .....	40,000	40,000
<b>Total, Engineering</b> .....	<b>193,123</b>	<b>193,123</b>
<b>Inertial confinement fusion ignition and high yield</b>		
Ignition .....	79,575	77,932
Program decrease .....		[-1,643]
Support of other stockpile programs .....	23,565	23,565
Diagnostics, cryogenics and experimental support .....	77,915	77,915
Pulsed power inertial confinement fusion .....	7,596	7,596
Joint program in high energy density laboratory plasmas .....	9,492	9,492
Facility operations and target production .....	334,791	334,791
<b>Total, Inertial confinement fusion and high yield</b> .....	<b>532,934</b>	<b>531,291</b>
<b>Advanced simulation and computing</b>		
Advanced simulation and computing .....	709,244	709,244
<b>Construction:</b>		
18-D-670, Exascale Class Computer Cooling Equipment, LNL .....	22,000	22,000
18-D-620, Exascale Computing Facility Modernization Project .....	3,000	3,000
<b>Total, Construction</b> .....	<b>25,000</b>	<b>25,000</b>
<b>Total, Advanced simulation and computing</b> .....	<b>734,244</b>	<b>734,244</b>
<b>Advanced manufacturing</b>		
Additive manufacturing .....	12,000	12,000
Component manufacturing development .....	38,644	38,644
Processing technology development .....	29,896	34,896
Program increase .....		[5,000]
<b>Total, Advanced manufacturing</b> .....	<b>80,540</b>	<b>85,540</b>
<b>Total, RDT&amp;E</b> .....	<b>2,028,362</b>	<b>2,031,719</b>
<b>Infrastructure and operations (formerly RTBF)</b>		
Operations of facilities .....	868,000	848,470
Safety and environmental operations .....	116,000	116,000
Maintenance and repair of facilities .....	360,000	395,000
Program increase to address high-priority preventative maintenance .....		[35,000]
Recapitalization .....	427,342	542,342
Program increase to address high-priority deferred maintenance .....		[115,000]
<b>Construction:</b>		
18-D-680, Material Staging Facility, PX .....	0	5,200
Project initiation .....		[5,200]
18-D-660, Fire Station, Y-12 .....	28,000	28,000

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<b>SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS</b>		
<b>(In Thousands of Dollars)</b>		
<b>Program</b>	<b>FY 2018 Request</b>	<b>Conference Authorized</b>
18-D-650, Tritium Production Capability, SRS .....	6,800	6,800
17-D-640 U1a Complex Enhancements Project, NNSS .....	22,100	22,100
17-D-630 Expand Electrical Distribution System, LLNL .....	6,000	6,000
16-D-515 Albuquerque complex project .....	98,000	98,000
15-D-613 Emergency Operations Center, Y-12 .....	7,000	7,000
07-D-220 Radioactive liquid waste treatment facility upgrade project, LANL .....	2,100	2,100
07-D-220-04 Transuranic liquid waste facility, LANL .....	17,895	17,895
06-D-141 Uranium processing facility Y-12, Oak Ridge, TN .....	663,000	663,000
04-D-125 Chemistry and metallurgy research facility replacement project, LANL .....	180,900	180,900
<b>Total, Construction</b> .....	<b>1,031,795</b>	<b>1,036,995</b>
<b>Total, Infrastructure and operations</b> .....	<b>2,803,137</b>	<b>2,938,807</b>
<b>Secure transportation asset</b>		
Operations and equipment .....	219,464	185,568
Program decrease .....		[-33,896]
Program direction .....	105,600	105,600
<b>Total, Secure transportation asset</b> .....	<b>325,064</b>	<b>291,168</b>
<b>Defense nuclear security</b>		
Operations and maintenance .....	686,977	714,977
Support to physical security infrastructure recapitalization and CSTART .....		[28,000]
<b>Construction:</b>		
17-D-710 West end protected area reduction project, Y-12 .....	0	5,000
Program increase .....		[5,000]
<b>Total, Defense nuclear security</b> .....	<b>686,977</b>	<b>719,977</b>
Information technology and cybersecurity .....	186,728	186,728
Legacy contractor pensions .....	232,050	232,050
<b>Total, Weapons Activities</b> .....	<b>10,239,344</b>	<b>10,377,475</b>
<b>Defense Nuclear Nonproliferation</b>		
<b>Defense Nuclear Nonproliferation Programs</b>		
<b>Global material security</b>		
International nuclear security .....	46,339	46,339
Radiological security .....	146,340	166,340
Protection and safe disposal of radioactive sources .....		[20,000]
Nuclear smuggling detection .....	144,429	139,429
Program decrease .....		[-5,000]
<b>Total, Global material security</b> .....	<b>337,108</b>	<b>352,108</b>
<b>Material management and minimization</b>		
HEU reactor conversion .....	125,500	125,500
Nuclear material removal .....	32,925	32,925
Material disposition .....	173,669	173,669
<b>Total, Material management &amp; minimization</b> .....	<b>332,094</b>	<b>332,094</b>
Nonproliferation and arms control .....	129,703	129,703
Defense nuclear nonproliferation R&D .....	446,095	451,095
Acceleration of low-yield detection experiments and 3D printing efforts .....		[5,000]
<b>Nonproliferation Construction:</b>		
18-D-150 Surplus Plutonium Disposition Project .....	9,000	9,000
99-D-143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS .....	270,000	340,000
Program increase .....		[70,000]
<b>Total, Nonproliferation construction</b> .....	<b>279,000</b>	<b>349,000</b>
<b>Total, Defense Nuclear Nonproliferation Programs</b> .....	<b>1,524,000</b>	<b>1,614,000</b>
Low Enriched Uranium R&D for Naval Reactors .....	0	0
Legacy contractor pensions .....	40,950	40,950
Nuclear counterterrorism and incident response program .....	277,360	277,360
Rescission of prior year balances .....	-49,000	-49,000
<b>Total, Defense Nuclear Nonproliferation</b> .....	<b>1,793,310</b>	<b>1,883,310</b>



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<b>SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS</b> (In Thousands of Dollars)		
Program	FY 2018 Request	Conference Authorized
<b>Naval Reactors</b>		
Naval reactors development .....	473,267	473,267
Columbia-Class reactor systems development .....	156,700	156,700
S8G Prototype refueling .....	190,000	190,000
Naval reactors operations and infrastructure .....	466,884	466,884
<b>Construction:</b>		
15-D-904 NRF Overpack Storage Expansion 3 .....	13,700	13,700
15-D-903 KL Fire System Upgrade .....	15,000	15,000
14-D-901 Spent fuel handling recapitalization project, NRF .....	116,000	116,000
<b>Total, Construction</b> .....	<b>144,700</b>	<b>144,700</b>
Program direction .....	48,200	46,651
Program decrease .....		[-1,549]
<b>Total, Naval Reactors</b> .....	<b>1,479,751</b>	<b>1,431,551</b>
<b>Federal Salaries And Expenses</b>		
Program direction .....	418,595	407,595
Program decrease to support maximum of 1,690 employees .....		[-11,000]
<b>Total, Office Of The Administrator</b> .....	<b>418,595</b>	<b>407,595</b>
<b>Defense Environmental Cleanup</b>		
<b>Closure sites:</b>		
Closure sites administration .....	4,889	4,889
<b>Hanford site:</b>		
River corridor and other cleanup operations .....	58,692	93,692
Acceleration of priority programs .....		[35,000]
Central plateau remediation .....	637,879	642,250
Acceleration of priority programs .....		[4,371]
Richland community and regulatory support .....	5,121	5,121
<b>Construction:</b>		
18-D-404 WESF Modifications and Capsule Storage .....	6,500	6,500
15-D-401 Containerized sludge removal annex, RL .....	8,000	8,000
<b>Total, Construction</b> .....	<b>14,500</b>	<b>14,500</b>
<b>Total, Hanford site</b> .....	<b>716,192</b>	<b>755,563</b>
<b>Idaho National Laboratory:</b>		
SNF stabilization and disposition—2012 .....	19,975	19,975
Solid waste stabilization and disposition .....	170,101	170,101
Radioactive liquid tank waste stabilization and disposition .....	111,352	111,352
Soil and water remediation—2035 .....	44,727	44,727
Idaho community and regulatory support .....	4,071	4,071
<b>Total, Idaho National Laboratory</b> .....	<b>350,226</b>	<b>350,226</b>
<b>NNSA sites</b>		
Lawrence Livermore National Laboratory .....	1,175	1,175
Separations Process Research Unit .....	1,800	1,800
Nevada .....	60,136	60,136
Sandia National Laboratories .....	2,600	2,600
Los Alamos National Laboratory .....	191,629	191,629
<b>Total, NNSA sites and Nevada off-sites</b> .....	<b>257,340</b>	<b>257,340</b>
<b>Oak Ridge Reservation:</b>		
<b>OR Nuclear facility D &amp; D</b>		
OR-0041—D&D - Y-12 .....	29,369	29,369
OR-0042—D&D -ORNL .....	48,110	48,110
<b>Construction:</b>		
17-D-401 On-site waste disposal facility .....	5,000	5,000
14-D-403 Outfall 200 Mercury Treatment facility .....	17,100	17,100
<b>Total, OR Nuclear facility D &amp; D</b> .....	<b>99,579</b>	<b>99,579</b>
U233 Disposition Program .....	33,784	33,784
OR cleanup and disposition .....	66,632	66,632
OR reservation community and regulatory support .....	4,605	4,605
OR Solid waste stabilization and disposition technology development .....	3,000	3,000
<b>Total, Oak Ridge Reservation</b> .....	<b>207,600</b>	<b>207,600</b>
<b>Office of River Protection:</b>		
<b>Waste treatment and immobilization plant</b>		

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS (In Thousands of Dollars)		
Program	FY 2018 Request	Conference Authorized
<b>Construction:</b>		
01-D-416 A-D WTP Subprojects A-D .....	655,000	655,000
01-D-416 E—Pretreatment Facility .....	35,000	35,000
<b>Total, 01-D-416 Construction</b> .....	<b>690,000</b>	<b>690,000</b>
WTP Commissioning .....	8,000	8,000
<b>Total, Waste treatment and immobilization plant</b> .....	<b>698,000</b>	<b>698,000</b>
<b>Tank farm activities</b>		
Rad liquid tank waste stabilization and disposition .....	713,311	713,311
<b>Construction:</b>		
15-D-409 Low activity waste pretreatment system, ORP .....	93,000	93,000
<b>Total, Tank farm activities</b> .....	<b>806,311</b>	<b>806,311</b>
<b>Total, Office of River protection</b> .....	<b>1,504,311</b>	<b>1,504,311</b>
<b>Savannah River Sites:</b>		
Nuclear Material Management .....	323,482	350,482
Acceleration of priority programs .....		[27,000]
<b>Environmental Cleanup</b>		
Environmental Cleanup .....	159,478	159,478
<b>Construction:</b>		
08-D-402, Emergency Operations Center .....	500	500
<b>Total, Environmental Cleanup</b> .....	<b>159,978</b>	<b>159,978</b>
SR community and regulatory support .....	11,249	11,249
<b>Radioactive liquid tank waste:</b>		
Radioactive liquid tank waste stabilization and disposition .....	597,258	597,258
<b>Construction:</b>		
18-D-401, SDU #8/9 .....	500	500
17-D-402—Saltstone Disposal Unit #7 .....	40,000	40,000
05-D-405 Salt waste processing facility, Savannah River Site .....	150,000	150,000
<b>Total, Construction</b> .....	<b>190,500</b>	<b>190,500</b>
<b>Total, Radioactive liquid tank waste</b> .....	<b>787,758</b>	<b>787,758</b>
<b>Total, Savannah River site</b> .....	<b>1,282,467</b>	<b>1,309,467</b>
<b>Waste Isolation Pilot Plant</b>		
Operations and maintenance .....	206,617	206,617
Central characterization project .....	22,500	22,500
Transportation .....	21,854	21,854
<b>Construction:</b>		
15-D-411 Safety significant confinement ventilation system, WIPP .....	46,000	46,000
15-D-412 Exhaust shaft, WIPP .....	19,600	19,600
<b>Total, Construction</b> .....	<b>65,600</b>	<b>65,600</b>
<b>Total, Waste Isolation Pilot Plant</b> .....	<b>316,571</b>	<b>316,571</b>
Program direction .....	300,000	300,000
Program support .....	6,979	6,979
WCF Mission Related Activities .....	22,109	2,000
Program decrease .....		[-20,109]
Minority Serving Institution Partnership .....	6,000	6,000
<b>Safeguards and Security</b>		
Oak Ridge Reservation .....	16,500	16,500
Paducah .....	14,049	14,049
Portsmouth .....	12,713	12,713
Richland/Hanford Site .....	75,600	75,600
Savannah River Site .....	142,314	142,314
Waste Isolation Pilot Project .....	5,200	5,200
West Valley .....	2,784	2,784
<b>Total, Safeguards and Security</b> .....	<b>269,160</b>	<b>269,160</b>
Cyber Security .....	43,342	0
Program decrease .....		[-43,342]
Technology development .....	25,000	25,000
HQEF-0040—Excess Facilities .....	225,000	125,000
Program decrease .....		[-100,000]
<b>Total, Defense Environmental Cleanup</b> .....	<b>5,537,186</b>	<b>5,440,106</b>

**Other Defense Activities**

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<b>SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS</b> (In Thousands of Dollars)		
Program	FY 2018 Request	Conference Authorized
<b>Environment, health, safety and security</b>		
Environment, health, safety and security .....	130,693	128,946
Program decrease .....		[-1,747]
Program direction .....	68,765	68,000
Program decrease .....		[-765]
<b>Total, Environment, Health, safety and security .....</b>	<b>199,458</b>	<b>196,946</b>
<b>Independent enterprise assessments</b>		
Independent enterprise assessments .....	24,068	24,068
Program direction .....	50,863	50,863
<b>Total, Independent enterprise assessments .....</b>	<b>74,931</b>	<b>74,931</b>
Specialized security activities .....	237,912	240,912
Classified topic .....		[3,000]
<b>Office of Legacy Management</b>		
Legacy management .....	137,674	137,674
Program direction .....	16,932	16,932
<b>Total, Office of Legacy Management .....</b>	<b>154,606</b>	<b>154,606</b>
<b>Defense-related activities</b>		
<b>Defense related administrative support</b>		
Chief financial officer .....	48,484	48,484
Chief information officer .....	91,443	91,443
Project management oversight and assessments .....	3,073	3,073
<b>Total, Defense related administrative support .....</b>	<b>143,000</b>	<b>139,927</b>
Office of hearings and appeals .....	5,605	5,605
<b>Subtotal, Other defense activities .....</b>	<b>815,512</b>	<b>816,000</b>
<b>Total, Other Defense Activities .....</b>	<b>815,512</b>	<b>816,000</b>
<b>Defense Nuclear Waste Disposal</b>		
Yucca mountain and interim storage .....	30,000	30,000
<b>Total, Defense Nuclear Waste Disposal .....</b>	<b>30,000</b>	<b>30,000</b>

And the Senate agree to the same.

# H.R. 2810

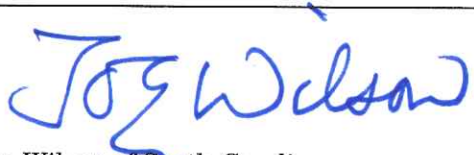
*Managers on the part of the  
HOUSE*

*Managers on the part of the  
SENATE*

From the Committee on Armed Services, for consideration of the House bill and the Senate amendment, and modifications committed to conference:



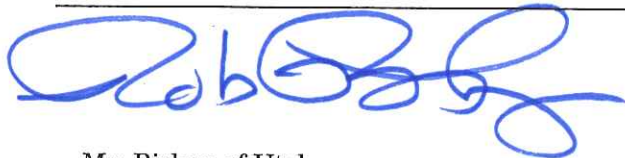
Mr. Thornberry



Mr. Wilson of South Carolina



Mr. LoBiondo



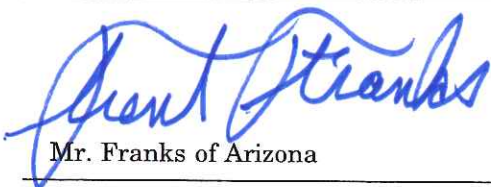
Mr. Bishop of Utah



Mr. Turner



Mr. Rogers of Alabama



Mr. Franks of Arizona

### H.R. 2810—Continued

*Managers on the part of the  
HOUSE*

*Managers on the part of the  
SENATE*

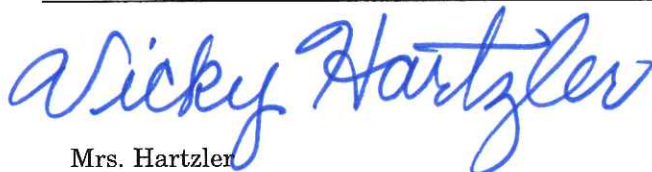
  
Mr. Shuster

  
Mr. Conaway

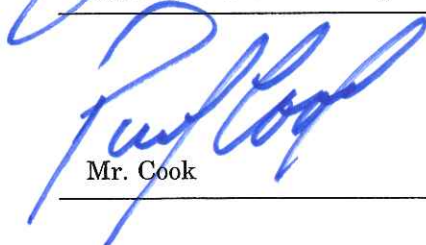
  
Mr. Lamborn

  
Mr. Wittman


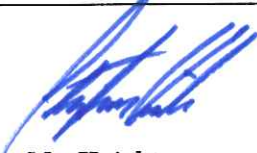

  
Mr. Coffman

  
Mrs. Hartzler

  
Mr. Austin Scott of Georgia

  
Mr. Cook

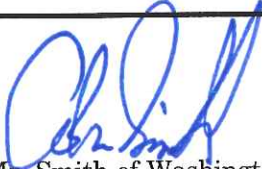
### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
 Ms. Stefanik	
 Mr. Knight	
 Mr. Bacon	

### H.R. 2810—Continued

*Managers on the part of the  
HOUSE*

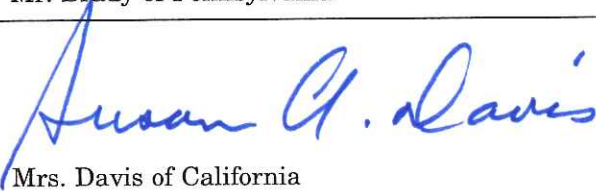
*Managers on the part of the  
SENATE*



Mr. Smith of Washington



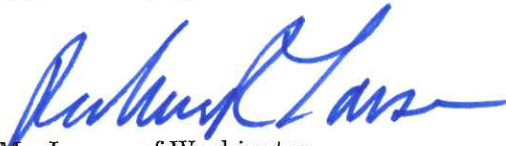
Mr. Brady of Pennsylvania



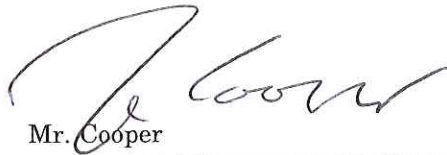
Mrs. Davis of California



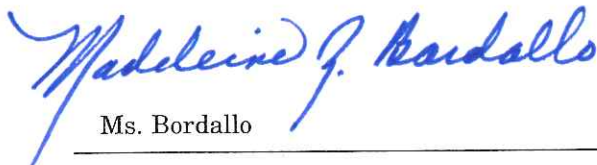
Mr. Langevin



Mr. Larsen of Washington



Mr. Cooper



Ms. Bordallo



Mr. Courtney



### H.R. 2810—Continued

*Managers on the part of the  
HOUSE*

*Managers on the part of the  
SENATE*



Ms. Tsongas



Mr. Garamendi




~~Mr. Speier~~






Mr. Veasey

~~Mr. Gabbard~~

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Permanent Select Committee on Intelligence, for consideration of matters within the jurisdiction of that committee under clause 11 of rule X:	
 Mr. Nunes	
 Mr. Stewart	
	

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on the Budget, for consideration of sec. 1262 of the House bill, and sec. 4 of the Senate amendment, and modifications committed to conference:	
 Mr. Johnson of Ohio	
 Mr. Bergman	
	

### H.R. 2810—Continued


*Managers on the part of the  
HOUSE*

*Managers on the part of the  
SENATE*

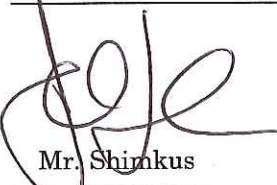
From the Committee on Education and the Workforce, for consideration of secs. 221, 551, 555, and 3509 of the House bill, and secs. 236, 551-53, 3116, 5508, and 6001 of the Senate amendment, and modifications committed to conference:

  
Ms. Foxx



  
Mr. Byrne

  
Mr. Scott of Virginia




## H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Energy and Commerce, for consideration of secs. 313, 314, 601, 723, 727, 729, 732, 3118, and 3122 of the House bill, and secs. 601, 701, 725, 732, 1089A, 1625, and 3114 of the Senate amendment, and modifications committed to conference:	
 Mr. Shinkus	
<del>Mr. Barton</del>	
<del>Mr. Fallon</del>	




### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Financial Services, for consideration of sec. 862 of the Senate amendment, and modifications committed to conference:	
 Mr. Barr	
 Mr. Williams	
<del>Ms. Maxine Waters of California</del>	

### H.R. 2810—Continued



<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
<p>From the Committee on Foreign Affairs, for consideration of secs. 864, 1032, 1039, 1040, 1058, 1201, 1203-05, 1211, 1222, 1223, 1231, 1232, 1234, 1243, 1246, 1247, 1265, 1270A, 1272, 1276, 1278, 1280, 1301, 1302, 1521, 1522, 1687, 2841, and 3117 of the House bill, and secs. 111, 861, 867, 1011, 1203-05, 1212, 1213, 1231-33, 1241-45, 1250, 1261-63, 1270B, 1270C, 1282, 1283, 1301, 1302, 1531, and 1651 of the Senate amendment, and modifications committed to conference:</p>	
 Mr. Royce of California	
 Mr. Donovan	
 Mr. Engel	

## H.R. 2810—Continued




<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on the Judiciary, for consideration of secs. 515, 1062, 1063, 1067, 1080, 1695, 2843, and 3510 of the House bill, and secs. 520A, 529, 1035, 1081, 1083, 1217, 1264, and 14013 of the Senate amendment, and modifications committed to conference:	
 Mr. Goodlatte	
 Mr. Issa	
 <del>Mr. Conyers</del>	



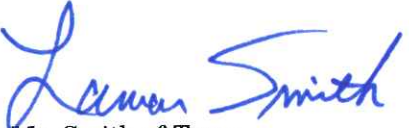

## H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Natural Resources, for consideration of secs. 601, 1062, 1265, 2827, 2828, 2831, 2832, 2844, subtitle F of title XXVIII, and sec. 2863 of the House bill, and secs. 311, 338, 601, 1263, 1264, 2850, and 12801 of the Senate amendment, and modifications committed to conference:	
 Mr. Westerman	
 Ms. Cheney	
<del>Mr. Grijaba</del>	




## H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
<p>From the Committee on Oversight and Government Reform, for consideration of secs. 323, 501, 801, 803, 859-860A, 873, and 1101-09 of the House bill, and secs. 218, 544, 557, 801, 812, 821, 822, 829, 852, 902, 931, 934, 938, 1045, 1093, 1094, 1101, 1102, 1104-06, 1111-13, 2821, 2822, 6005, 6012, 10804, 11023-25, and 11603 of the Senate amendment, and modifications committed to conference:</p>	
 Mr. Meadows	
 Mr. Ross	
 Mr. Lynch	

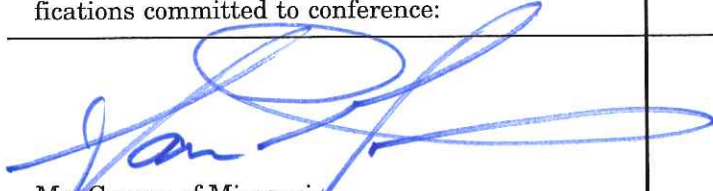
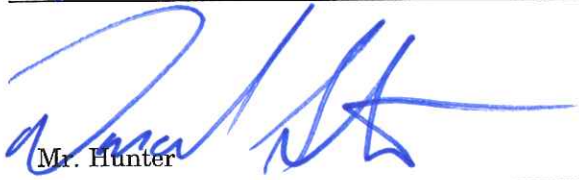

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Science, Space, and Technology, for consideration of sec. 223 of the House bill and secs. 897, 898, 1662-64, and 6002 of the Senate amendment, and modifications committed to conference:	
 Mr. Smith of Texas	
 Mr. Lucas	
<del>Mr. Eddie Bernice Johnson of Texas</del>	




## H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Small Business, for consideration of secs. 801, 860B, 867, 1701-04, 1711-13, 1721-23, 1731-37, and 1741 of the House bill, and secs. 854, 862, 897, 898, 899C, 10801, and 10802 of the Senate amendment, and modifications committed to conference:	
 Mr. Chabot	
 Mr. Kelly of Mississippi	
 Ms. Velazquez	




### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
<p>From the Committee on Transportation and Infrastructure, for consideration of secs 122, 311, 546, 601, 1082, 1617, 1695, 3501, 3502, 3505, and 3507-10 of the House bill, and secs. 331, 601, 1048, 6002, 13501, 13502, 13508, 13513, 13607, and 14013 of the Senate amendment, and modifications committed to conference:</p>	
 Mr. Graves of Missouri	
 Mr. Hunter	
 Mrs. Bustos	

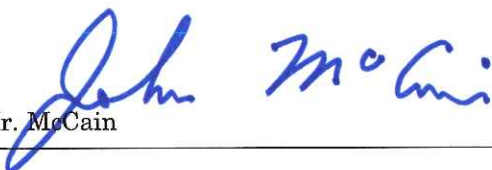







### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Veterans' Affairs, for consideration of secs. 572, 573, 576, 578, 1077, and 2841 of the House bill, and secs. 731, 1084, 1088, 1264, 11001, 11008, and 14004 of the Senate amendment, and modifications committed to conference:	
 Mr. Roe of Tennessee	
 Mr. Bilirakis	
 Mr. Walz	

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Ways and Means, for consideration of sec. 701 of the Senate amendment, and modifications committed to conference:	
 Mr. Tiberi	
 Mrs. Walorski	
 Mr. Neal	

### H.R. 2810—Continued







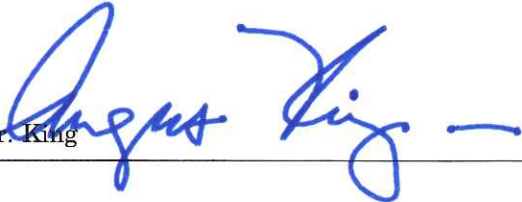
<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
	 Mr. McCain
	 Mr. Inhofe
	 Mr. Wicker
	 Mrs. Fischer
	 Mr. Cotton
	 Mr. Rounds
	 Mrs. Ernst
	 Mr. Tillis






### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
	<p>Mr. Sullivan </p>
	<p>Mr. Perdue </p>
	<p>Mr. Cruz </p>
	<p>Mr. Graham </p>
	<p>Mr. Sasse </p>
	<p>Mr. Strange </p>
	<p>Mr. Reed </p>
	<p>Mr. Nelson </p>

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
	 Mrs. McCaskill
	 Mrs. Shaheen
	<del>Mrs. [REDACTED]</del>
	 Mr. Blumenthal
	 Mr. Donnelly
	 Ms. Hirono
	 Mr. Kaine
	 Mr. King

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
	 Mr. Heinrich
	 Ms. Warren
	 Mr. Peters

## JOINT EXPLANATORY STATEMENT OF THE COMMITTEE OF CONFERENCE

The managers on the part of the House and the Senate at the conference on the disagreeing votes of the two Houses on the amendment of the Senate to the bill (H.R. 2810), to authorize appropriations for fiscal year 2018 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes, submit the following joint statement to the House and the Senate in explanation of the effect of the action agreed upon by the managers and recommended in the accompanying conference report:

The Senate amendment struck all of the House bill after the enacting clause and inserted a substitute text.

The House recedes from its disagreement to the amendment of the Senate with an amendment that is a substitute for the House bill and the Senate amendment. The differences between the House bill, the Senate amendment, and the substitute agreed to in conference are noted below, except for clerical corrections, conforming changes made necessary by agreements reached by the conferees, and minor drafting and clarifying changes.

*Compliance with rules of the House of Representatives and Senate regarding earmarks and congressionally directed spending items*

Pursuant to clause 9 of rule XXI of the Rules of the House of Representatives and Rule XLIV(3) of the Standing Rules of the Senate, neither this conference report nor the accompanying joint statement of managers contains any congressional earmarks, congressionally directed spending items, limited tax benefits, or limited tariff benefits, as defined in such rules.

*Summary of discretionary authorizations and budget authority implication*

The budget request for national defense discretionary programs within the jurisdiction of the Committees on Armed Services of the Senate and the House of Representatives for fiscal year 2018 was \$665.7 billion. Of this amount, \$579.3 billion was requested for base Department of Defense programs, \$65.8 billion was requested for overseas contingency operations, \$20.5 billion was requested for national security programs in the Department of Energy and the Defense Nuclear Facilities Safety Board, and \$210.0 million for defense-related activities. The total request of \$665.7 billion also includes the additional amounts from the November 2017 budget amendment.

The conference agreement would authorize \$692.1 billion in fiscal year 2018, including \$605.5 billion for base Department of Defense programs, \$65.7 billion for overseas contingency operations, \$20.6 billion for national security programs in the Department of Energy and the Defense Nuclear Facilities Safety Board, and \$300.0 million for defense-related activities.

The two tables preceding the detailed program adjustments in Division D of the accompanying joint statement of managers summarize the discretionary authorizations in the agreement and the equivalent budget authority levels for fiscal year 2018 defense programs.

*Budgetary effects of this Act (sec. 4)*

The Senate amendment contained a provision (sec. 4) that would require that the budgetary effects of this Act be determined in accordance with the procedures established in the Statutory Pay-As-You-Go Act of 2010 (title I of Public Law 111-139).

The House bill contained no similar provision.  
The House recedes.

# **DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS**

## **TITLE I—PROCUREMENT**

### **BUDGET ITEMS**

#### *Virginia-class submarine advanced procurement*

The budget request included \$1.9 billion in line item 5 of Shipbuilding and Conversion, Navy for *Virginia*-class submarine advance procurement.

The House bill would authorize an increase of \$943.0 million above the request.

The Senate amendment would authorize an increase of \$1.2 billion above the request.

The agreement authorizes an increase of \$698.0 million above the request.

The conferees direct the Secretary of the Navy to use this increase for: (1) procurement of a third *Virginia*-class submarine in fiscal year 2020; (2) economic order quantity for the fiscal year 2019 through 2023 multiyear *Virginia*-class submarine procurement; or (3) to expand second and third tier contractors in the submarine industrial base to support planned increased production requirements.

If the Secretary pursues option (3), the Secretary shall notify the congressional defense committees within 30 days of obligating funds for such purpose of the: obligation date, contractor name or names, location, description of the shortfall to be addressed, actions to be undertaken, desired end state, usable end items to be procured, period of performance, dollar amount, projected associated savings including business case analysis if applicable, contract name, and contract number.

The conferees believe that utilizing greater economic order quantity procurement, procuring an additional submarine, or expanding the capabilities of the supplier base should lead to greater cost savings and improved efficiency as production increases to meet the *Columbia*-class schedule and higher requirement for attack submarines in the Navy's latest Force Structure Assessment.

### **SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS**

*Authorization of appropriations (sec. 101)*

The House bill contained a provision (sec. 101) that would authorize the appropriations for procurement activities at the levels identified in section 4101 of division D of this Act.

The Senate amendment contained an identical provision (sec. 101).

The conference agreement includes this provision.

## **SUBTITLE B—ARMY PROGRAMS**

### *Authority to expedite procurement of 7.62mm rifles (sec. 111)*

The Senate amendment contained a provision (sec. 10101) that would authorize the Secretary of the Army to expedite acquiring a commercially available off-the-shelf item, non-developmental item, or Government-off-the-shelf materiel solution for a 7.62mm rifle capability.

The House bill contained no similar provision.

The House recedes with an amendment that would authorize the Secretary of the Army to expedite procurement under full and open competition, to the maximum practicable, of up to 7,000 7.62mm rifles, ammunition, and related equipment given emerging threats. The House amendment would also require the Secretary of the Army to submit a report to the congressional defense committees before entering into a contract, should the Secretary of the Army decide to exercise existing sole source authority to procure up to 7,000 7.62mm rifles. Additionally, the House amendment stipulates that any contract awarded shall be awarded through a full and open competition for the next generation squad weapon program.

The conferees expect the Secretary of the Army to allow for sufficient time for the congressional defense committees to review the findings from the required report before entering into a contract for a 7.62mm rifle. Further, the conferees expect the Secretary of the Army, in consultation with the Chief of Staff of the Army, to develop options for accelerating the next generation squad weapon system given current and emerging threats.

### *Limitation on availability of funds for Increment 2 of the Warfighter Information Network-Tactical program (sec. 112)*

The House bill contained a provision (sec. 111) that would require the Secretary of the Army to submit a report to the congressional defense committees by January 30, 2018, detailing potential options for the acceleration of procurement and fielding of the Warfighter Information Network-Tactical Increment 2 program.

The Senate amendment contained a provision (sec. 112) that would require the Secretary of the Army to report to the congressional defense committees detailing how the Army intends to implement the recommendations of the Director of Cost Assessment and Program Evaluation (CAPE) for the Army's Air-Land Mobile Tactical Communications and Data Network to include the Warfighter Information Network-Tactical (WIN-T) program. The provision would also prohibit the Secretary of the Army from obligating any funds available in Other Procurement, Army for the WIN-T, Increment 2 (Inc 2) program subject to the submission of the Army's report.

The House recedes with an amendment that would authorize not more than 50 percent of fiscal year 2018 funds to enter into, or to prepare to enter into, a contract until the Army submits a report detailing their tactical network modernization strategy to include reporting elements from both the House and Senate provisions. The amendment would also require the Army to include as part of this report detailed budget justification for this strategy.

The conferees are concerned about the continued suitability, effectiveness, security, and survivability of all aspects of the Army Air-Land Mobile Tactical Communications and Data Networks to include WIN-T given demonstrated threat capabilities of peer adversaries in electronic warfare attack, electronic reconnaissance, and massed fire strikes.

The conferees continue to encourage the Army to repair identified problems and to more carefully redefine its requirements for the tactical network. The conferees encourage the Army to leverage its new acquisition authorities to seek non-developmental technologies when practicable to repair and improve the legacy network. This effort is key given investments to date.

*Limitation on availability of funds for upgrade of M113 vehicles (sec. 113)*

The Senate amendment contained a provision (sec. 5102) that would require the Secretary of the Army to submit to the congressional defense committees a report setting forth the strategy of the Army for the upgrade of M113 vehicles before available funds are obligated or expended.

The House bill contained no similar provision.

The House recedes with an amendment that would authorize not more than 50 percent of available FY18 funds to be obligated or expended for the upgrade of Army M113 vehicles until the Secretary of the Army submits its report to the congressional defense committees.



## SUBTITLE C—NAVY PROGRAMS

### *Aircraft carriers (sec. 121)*

The House bill contained a provision (sec. 121) that would express the sense of Congress on matters related to aircraft carriers, require 12 operational aircraft carriers by September 2023, eliminate the requirement to conduct full ship shock trials on the USS *Gerald R. Ford* (CVN-78), and provide economic order quantity procurement authorities.

The Senate amendment contained a similar provision (sec. 125).

The Senate recedes with an amendment that would provide the Secretary of Defense with the ability to waive the requirement to conduct full ship shock trials on the USS *Gerald R. Ford*, adjust the cost limitation baseline for the future USS *Enterprise* (CVN-80) and follow-on aircraft carriers to \$12.6 billion, and remove the authorities to use economic order quantity procurement.

The conferees recognize cost savings and industrial base efficiencies could be achieved through additional legislative authorities, such as accelerating the construction rate of aircraft carriers and providing economic order quantity procurement of components, during construction of *Ford*-class aircraft carriers and refueling and complex overhauls of *Nimitz*-class aircraft carriers.

Accordingly, the conferees direct the Secretary of the Navy to evaluate additional potential legislative authorities for these programs and, if appropriate, submit legislative proposals with the associated analysis, revised funding profiles and cost estimates as part of the President's budget request for Fiscal Year 2019.

The conferees understand the current cost estimate for the *Enterprise* (CVN-80) is \$12.6 billion, which is a \$1.9 billion reduction relative to CVN-78 after accounting for inflation. The conferees believe additional cost savings are possible through economic order quantity procurement, "design for affordability" initiatives, *Ford*-class learning curve, CVN-80 repeating the design of CVN-79, production and engineering man hour reductions, and increased competition. The conferees encourage the Navy to explore these options to identify additional cost savings.

### *Icebreaker vessel (sec. 122)*

The House bill contained provisions (sec. 122, 123, and 1012) that would authorize the Secretary of the Navy to act as a

general agent for the Secretary of the Department in which the Coast Guard is operating and enter into a contract for icebreaker vessels; prohibit funds for the Department of Defense from being used for the procurement of an icebreaker vessel; and amend section 2218 of title 10, United States Code, to authorize funds associated with the National Defense Sealift Fund for the construction of icebreaker vessels.

The Senate amendment contained a similar provision (sec. 1048).

The Senate recedes with an amendment that would authorize one polar-class heavy icebreaker vessel, prohibit funds for the Department of Defense from being used for the procurement of an icebreaker vessel other than this one polar-class heavy icebreaker vessel, clarify contracting authorities, and require a Comptroller General report.

The conferees recognize the national importance of recapitalizing the U.S. icebreaker fleet and the extraordinary circumstances that necessitated use of Department of Defense funding to procure the first polar-class heavy icebreaker, as partially provided in the Department of Defense Appropriations Act for Fiscal Year 2017. Accordingly, the conferees support the authorization of this icebreaker in this Act.

The conferees note the Undersecretary of Management in the Department of Homeland Security (DHS) serves as the Acquisition Decision Authority for the Polar Icebreaker Program and that this program is governed in accordance with DHS Acquisition Management Directive 102-01 and Instruction 102-01-001.

The conferees believe maintaining clear lines of authority, responsibility, accountability, and resources with the Secretary and Acquisition Decision Authority of the department in which the U.S. Coast Guard is operating are essential to delivering icebreakers on cost and schedule.

Accordingly, the conferees believe the Secretary of the Department of Homeland Security and the Undersecretary of Management in the DHS should be the officials provided with authorities and resources related to the Polar Icebreaker Program.

Therefore, the conferees expect subsequent icebreakers to be authorized by the congressional committees with jurisdiction over the Coast Guard and funded using Coast Guard appropriations.

*Multiyear procurement authority for Arleigh Burke class destroyers (sec. 123)*

The House bill contained a provision (sec. 125) that would authorize the Secretary of the Navy to enter into one or more

multiyear contracts for *Arleigh Burke*-class destroyers and associated systems, in accordance with section 2306b of title 10, United States Code. The provision would also include a limitation on funds associated with section 2435 of title 10, United States Code.

The Senate amendment contained a similar provision (sec. 122).

The House recedes with an amendment that would remove requirements related to contract award timing and the additional *Arleigh Burke*-class destroyer provided in section 125(a)(1) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92). The amendment would also prohibit contract modifications resulting in an increase of more than 10 percent to the original target price of a destroyer awarded under the authority provided by this section.

The conferees note this would be the fourth multiyear contract for the *Arleigh Burke*-class program. The Navy estimates that each of the previous three multiyear procurement contracts (fiscal years 1998-2001, 2002-2005, and 2013-2017) achieved savings of greater than \$1.0 billion, as compared to annual procurements. For the fourth contract for fiscal years 2018-2022, the Navy is estimating savings of 9.3 percent, or in excess of \$1.8 billion, for the multiyear procurement of 10 ships as compared to annual procurement contracts.

*Multiyear procurement authority for Virginia class submarine program (sec. 124)*

The House bill contained a provision (sec. 124) that would authorize the Secretary of the Navy to enter into one or more multiyear contracts for *Virginia*-class submarines, in accordance with section 2306b of title 10, United States Code. The provision would also include a limitation on funds associated with section 2435 of title 10, United States Code.

The Senate amendment contained a similar provision (sec. 121).

The House recedes with an amendment that would prohibit contract modifications resulting in an increase of more than 10 percent to the original target price of a submarine awarded under the authority provided by this section.

The conferees note this would be the fourth multiyear contract for the *Virginia*-class program. The Navy estimates that the previous three multiyear procurement contracts (fiscal years 2003-2008, 2009-2013, and 2014-2018) achieved savings of greater than 10 percent, as compared to annual procurements. For the fourth contract for fiscal years 2019-2023, the Navy is estimating savings of 14 percent, or in excess of \$5.0 billion,

for the multiyear procurement of 10 ships as compared to annual procurement contracts.

*Design and construction of the lead ship of the amphibious ship replacement designated LX(R) or amphibious transport dock designated LPD-30 (sec. 125)*

The Senate amendment contained a provision (sec. 124) that would authorize the Secretary of the Navy to enter into and incrementally fund a contract for design and construction of the amphibious ship replacement designated LX(R) or the amphibious transport dock designated LPD-30.

The House bill contained no similar provision.

The House recesses with a technical amendment.

*Multiyear procurement authority for V-22 Osprey aircraft (sec. 126)*

The House bill contained a provision (sec. 128) that would authorize the Secretary of the Navy to enter into multiyear contracts for V-22 procurement and an upgrade program for up to 7 years.

The Senate amendment contained a similar provision (sec. 123) that would authorize the Secretary to sign a multiyear contract for V-22, but only for a period of up to 5 years.

The Senate recesses.

The conferees note that authorizing multiyear contracts for 7 years represents a significant exception to the more common practice of 5-year multiyear contracts. This exception reflects the unique realities of the V-22 procurement program rather than a shift in congressional practice. Furthermore, the conferees expect the services to honor and fully fund their multiyear commitments in future fiscal year budget requests.

*Extension of limitation on use of sole-source shipbuilding contracts for certain vessels (sec. 127)*

The Senate amendment contained a provision (sec. 126) that would extend to include fiscal year 2018 the prohibition on funds from being used to enter into, or prepare to enter into, sole source contracts for one or more Joint High Speed Vessels (JHSV) or Expeditionary Fast Transports (EPF), unless the Secretary of the Navy submits to the congressional defense committees a certification and a report.

The House bill contained no similar provision.

The House recesses.

*Limitation on availability of funds for the enhanced multi-mission parachute system (sec. 128)*

The House bill contained a provision (sec. 129) that would prohibit the use of funds for the Enhanced Multi-Mission Parachute System (E-MMPS) until the Secretary of the Navy submits to the congressional defense committees a certification and report on the E-MMPS' ability to meet Marine Corps operational needs and safety standards.

The Senate amendment contained a similar provision (sec. 127) but did not prohibit the use of funds for the E-MMPS program.

The Senate recedes with an amendment that would retain the requirement for certification and reporting described above but would only prohibit use of 20 percent of the funding authorized to be appropriated for the E-MMPS.

*Report on Navy capacity to increase production of certain rotary wing aircraft (sec. 129)*

The Senate amendment contained a provision (sec. 1074) that would require the Secretary of the Navy to submit a report to the congressional defense committees on the capacity of the United States Navy to increase production of anti-submarine warfare and combat search and rescue rotary wing aircraft.

The House bill contained no similar provision.

The House recedes.

## **SUBTITLE D—AIR FORCE PROGRAMS**

*Inventory requirement for Air Force fighter aircraft (sec. 131)*

The Senate amendment contained a provision (sec. 131) that would require the Secretary of the Air Force to maintain a minimum total active inventory of 1,970 fighter aircraft and 1,145 primary mission fighter aircraft.

The House bill contained no similar provision.

The House recedes with an amendment that would add a sunset to the provision and remove subsection (c) Reports on Fighter Aircraft.

*Prohibition on availability of funds for retirement of E-8 JSTARS aircraft (sec. 132)*

The Senate amendment contained a provision (sec. 135) that would prohibit the obligation or expenditure of funds to retire,

or prepare to retire, any E-8 Joint Surveillance Target Attack Radar System aircraft.

The House bill contained no similar provision.

The House recesses.

*Requirement for continuation of JSTARS aircraft recapitalization program (sec. 133)*

The Senate amendment contained a provision (sec. 134) that would require the Secretary of Defense to provide a report to Congress if the Secretary of the Air Force were to propose in a budget request to cancel or modify the E-8C Joint Surveillance Targeting and Reconnaissance System (JSTARS) recapitalization program as presented to Congress in May 2017.

The House bill contained no similar provision.

The House recesses with an amendment that would clarify certain elements of the required report.

The conferees are concerned by the Air Force's reassessment of its current, validated JSTARS recapitalization program. The acquisition program is currently in source selection and reconsideration at this late stage injects disruption and uncertainty into the process of updating and enhancing a vital combat capability that Congress has repeatedly urged the Air Force to accelerate. The conferees do not currently understand what has changed to refute the written and oral testimony the current Commander of Air Combat Command and the current Chief of Staff of the Air Force have given to Congress over the last two years.

General Holmes, the current commander of Air Combat Command, testified in March 2015, before the House Armed Services Committee's Tactical Air and Land subcommittee that "[b]ased on the results of the Airborne SAR/MTI [Synthetic Aperture Radar/Moving Target Indicator] JSTARS Mission Area AoA [Analysis of Alternatives] in 2011, the Air Force has begun a JSTARS Recapitalization (Recap) effort. The JSTARS Recap seeks to replace the legacy E-8C with affordable commercially available aircraft, reducing operation and sustainment costs by 27 percent compared to the E-8C. The new platform will reduce the logistics footprint and improve operational capability with an advanced ground surveillance radar and on-board battle management suite. JSTARS Recap will continue to provide a unique blend of on-board Battle Management Command and Control and ISR [intelligence capabilities that enable the central tenet of Air Forces doctrine 'Centralized Control and Decentralized Execution.'] The capability to perform this dual mission at the tactical edge provides C2 mission assurance in a contested environment. The USAF is fully committed to the JSTARS mission.

The E-8C and JSTARS Recap acquisition are fully funded in the FYDP [Future Years Defense Program]."

Additionally, General Holmes testified in March 2016, to the Senate Armed Services Committee's Airland subcommittee that "[w]e hope that our JSTARS recapitalization program can provide a model for recapitalizing the rest of what we're doing now with the wide-body aircraft fleet and a way to bring the radar, the air-battle management, and an airframe together in a way that's cheaper to be able to continue to do those missions."

General Goldfein, the current Air Force Chief of Staff, testified in February 2016, before the House Armed Services Committee that "[t]he Chief of Staff of the Air Force went out to every combatant commander to re-validate individually the requirement for airborne battle management as a critical component of their war plans. That was validated across all the combatant commanders...[a]s the [former] air component commander for Central Command, I will tell you that I used that platform in a number of ways, in addition to what is traditionally considered, you know, airborne battle management of the air-ground fight. I used it in the maritime domain covering the Straits of Hormuz. So first and foremost, we validated that airborne battle management is a critical requirement from the combatant commanders and we need to move out on that. Now the challenge becomes a technology discussion, which is at what point do we transition and can we transition this to an unmanned platform of the future, versus a man[ned] platform. And the reality is that technology that we would need to put on an unmanned platform doesn't currently exist to get the same capability that we provide the combatant commanders today. It's just not miniaturized enough. It just can't give the same level of fidelity of the ground moving target indicator that the JSTARS does today. So the Air Force's position for two reasons. One, we don't have the technology to put it on a manned platform, and two, airborne battle management is a critical requirement. We need to push forward with a manned airborne platform. We have the funding in this budget to do that."

The conferees look forward to hearing how the Air Force intends to provide the vitally important capabilities of airborne battle management, command and control, intelligence, surveillance and reconnaissance that the current E-8 JSTARS provides our combatant commanders. Until then, the conferees expect the Secretary of the Air Force to not take any actions that would adversely affect the JSTARS Recap program.

*Limitation on selection of single contractor for C-130H avionics modernization program increment 2 (sec. 134)*

The House bill contained a provision (sec. 132) that would prohibit the Department of the Air Force from selecting a single contractor for the C-130H Avionics Modernization Program Increment 2 until the Secretary of the Air Force certifies that every opportunity will be taken to make use of commercial-off-the-shelf technology solutions and non-developmental items and that excessively restrictive military specification standards were not used as criteria to restrict or eliminate fair and open competition.

The Senate amendment contained no similar provision.  
The Senate recesses.

*Limitation on availability of funds for EC-130H Compass Call recapitalization program (sec. 135)*

The House bill contained a provision (sec. 133) that would prohibit the obligation and expenditure of funds for the EC-130H Compass Call recapitalization program until 30 days after the Under Secretary for Acquisition, Technology and Logistics certifies to the congressional defense committees that the Under Secretary has reviewed the acquisition strategy and has determined that it meets all applicable laws, guidelines and best practices.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would only limit the obligation of funds.

The conferees note that Congress supported the Air Force's request in 2016 to re-host the primary mission equipment of the current EC-130H aircraft on a more operationally effective and survivable airborne platform to meet combatant commander requirements. The conferees continue to support that decision.

However, the conferees are concerned with the Air Force's decision to contract with a third-party contractor who will perform both the selection of the aircraft as well as the integration of the re-host equipment. The Air Force will contract for all of the re-hosting effort through the 645th Aeronautical Systems Group, also known as Big Safari. While the conferees acknowledge that Big Safari has provided great value in the past and is an essential tool in providing rapid capability to the warfighter, they believe that the size and scope of the Compass Call re-host program exceeds what is appropriate for Big Safari.

Further, the conferees are concerned that the Air Force is increasingly using the unique and flexible authorities allowed within Big Safari in a manner that is not consistent with its key tenets. While the conferees believe that Big Safari is an efficient tool to integrate equipment on existing platforms, the



conferees believe that the selection of the airframe in the projected quantities is an inherently governmental function that should not have been outsourced to Big Safari or a third-party contractor.

Additionally, the conferees were unimpressed with Air Force's assertion that the basis of the acquisition was an urgent and compelling justification, combined with a meager Compass Call recapitalization plan of one aircraft a year.

The conferees expect the Air Force to: (1) exercise better judgement in the future in using Big Safari program authorities; (2) pursue a full and open competition strategy for selecting contractor teams for future airframe modernization efforts; and (3) avoid utilizing selection of a third-party contractor to circumvent acquisition best practices.

#### *Limitation on retirement of U-2 and RQ-4 aircraft (sec. 136)*

The House bill contained a provision (sec. 1034) that would repeal section 133 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112-81) regarding limitation on retirement of U-2 aircraft and would prohibit the Department of Defense from retiring either the U-2 or RQ-4 aircraft until at least fiscal year 2024.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would condition replacement of either high-altitude intelligence, surveillance, and reconnaissance (ISR) aircraft by integrating into the baseline text of section 133 of the National Defense Authorization Act for Fiscal Year 2012 (P.L. 112-81) the same divestment criteria for the RQ-4 that currently applies to the U-2.

The conferees note that both aircraft are considered high-demand/low-density ISR capabilities that are essential for contributing to combatant commanders' high-altitude ISR requirements and should remain in the Air Force inventory until a suitable replacement can be developed that: meets or exceeds current high-altitude ISR capabilities; does not result in a reduction of current high-altitude ISR capacity; and, would not result in increased operational and support costs unless the increased capability is justified by the Secretary of Defense's analysis. Finally, the conferees direct the Secretary of the Air Force to provide the congressional defense committees by February 15, 2018, a 10-year aircraft, aircraft sub-system(s), and aircraft sensor modernization and sustainment plan for both the U-2 and the RQ-4.

*Cost-benefit analysis of upgrades to MQ-9 Reaper aircraft (sec. 137)*

The House bill contained a provision (sec. 134) that would require the Secretary of Defense, in consultation with the Secretary of the Air Force, to conduct a cost-benefit analysis that compares upgrading MQ-9 Reaper aircraft to a Block 5 configuration to procurement of MQ-9B aircraft instead.

The Senate amendment contained no similar provision.  
The Senate recesses.

*Plan for modernization of the radar for F-16 fighter aircraft of the National Guard (sec. 138)*

The Senate amendment contained a provision (sec. 5101) that would direct the Secretary of the Air Force to develop, and provide a report on, a plan to modernize the radars of F-16 fighter aircraft of the National Guard.

The House bill contained no similar provision.  
The House recesses.

*Comptroller General review of Air Force fielding plan for HH-60 replacement programs (sec. 139)*

The Senate amendment contained a provision (sec. 132) that would direct the Comptroller General of the United States to review the Air Force's plan for fielding HH-60 helicopter replacement programs.

The House bill contained no similar provision.  
The House recesses.

## **SUBTITLE E—DEFENSE-WIDE, JOINT, AND MULTISERVICE MATTERS**

*F-35 economic order quantity contracting authority (sec. 141)*

The House bill contained a provision (sec. 141) that would authorize the Secretary of Defense to enter into contracts for economic order quantities of material and equipment for the F-35 Joint Strike Fighter program once the Secretary certifies the contract meets certain conditions.

The Senate amendment contained a similar provision (sec. 141) that would also require the completion of a cost analysis

performed by the Director of Cost Assessment and Program Evaluation (CAPE) prior to the authority being exercised.

The House recesses with an amendment that would allow CAPE until March 1, 2018 to complete their cost analysis.

The conferees believe a March 1, 2018 deadline allows sufficient time for CAPE to complete their analysis. However, should more time be needed, the conferees expect to receive an update on CAPE's preliminary findings in advance of a final report.

*Authority for explosive ordnance disposal units to acquire new or emerging technologies and capabilities (sec. 142)*

The Senate amendment contained a provision (sec. 142) that would permit the Secretary of Defense to provide Explosive Ordnance Disposal (EOD) units with the authority to acquire new or emerging EOD technologies and capabilities not listed in the Table of Allowance or Table of Equipment.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Secretary of Defense to consult with the military service chiefs prior to permitting the authority.

*Requirement that certain aircraft and unmanned aerial vehicles use specified standard data link (sec. 143)*

The House bill contained a provision (sec. 144) that would amend section 157 of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112-239).

The Senate amendment contained no similar provision.

The Senate recesses.

*Reinstatement of requirement to preserve certain C-5 aircraft; mobility capability and requirements study (sec. 144)*

The House bill contained a provision (sec. 143) that would reinstate the requirement for the Secretary of the Air Force to continue to preserve certain C-5 aircraft in a storage condition that would allow a recall of retired aircraft to future service.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would limit the number of aircraft required to be kept in the requisite condition, remove the condition that the aircraft are kept in a flyable condition and add a sunset to the provision 30 days after the congressional defense committees receive the Mobility Capability Requirements Study due to be completed 30 September 2018 as outlined on p.32 of House report accompanying H.R. 2810

(H. Rept. 115-200) of the National Defense Authorization Act for Fiscal Year 2018.

### **LEGISLATIVE PROVISIONS NOT ADOPTED**

#### *Limitation on availability of funds for Arleigh Burke class destroyer*

The House bill contained a provision (sec. 126) that would limit the obligation of certain funds to procure new air and missile defense radars for *Arleigh Burke* class destroyers unless the radars are AN/SPY-6(V) radar modular assembly (RMA) based.

The Senate amendment contained no similar provision.

The House recesses.

#### *Extensions of authorities relating to construction of certain vessels*

The House bill contained a provision (sec. 127) that would extend incremental funding authorities for *Ford*-class aircraft carriers and LHA replacement ships.

The Senate amendment contained no similar provision.

The House recesses.

#### *Streamlining acquisition of intercontinental ballistic missile security capability*

The House bill contained a provision (sec. 131) that would authorize the Secretary of Defense to waive any provision of law requiring the use of competitive procedures for the procurement of a UH-1N helicopter replacement and enter into a contract for the procurement on a sole-source basis.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the Secretary of the Air Force submitted a report to Congress on September 25, 2014, that stated the UH-1N was not effective in accomplishing its assigned missions. The conferees also note that on March 2, 2016, at a hearing before the Committee on Armed Services of the House of Representatives, the Commander of Air Force Global Strike Command stated, "We will not meet the emergency security response with the present helicopter." Finally, the conferees note that at a hearing before the Committee on Armed Services of the Senate, the Commander of the United States Strategic Command stated, "We ought to be able to go out and buy a helicopter and put it in the hands of people who need it. And we should be able to do that quickly."

The conferees note that the Air Force has the authority to procure helicopters under an existing U.S. Army multi-year procurement contract under the Economy Act of 1932 (31 U.S.C. 1535 and 1536). The conferees have previously urged the Secretary of the Air Force to consider using this authority as the most prudent method to rapidly field the necessary capability, but the Department of Defense and the Air Force have said that, by taking certain mitigating steps, there would be time to implement an acquisition strategy for replacing the UH-1Ns using competition.

The Air Force is executing that competition strategy, has received bids, and is currently in the source selection process, despite an additional delay caused by the decision of the Air Force to re-issue the draft request in April of 2017. The conferees: (1) urge the Air Force to examine approaches to expedite the UH-1N replacement program, and to make sure there is no delay in awarding a contract award to begin this modernization program as soon as possible to meet urgent security needs; (2) expect that the Air Force will maintain the current schedule and have this program under contract in fiscal year 2018 as the acting Under Secretary of Defense for Acquisition, Technology and Logistics certified to the congressional defense committees on February 8, 2017; and (3) direct the Secretary of the Air Force to notify the congressional defense committees promptly should the Secretary discover that there is likely to be any delay beyond the current schedule. Such notification shall include options for changing the acquisition program to enable the Air Force to meet the previous schedule, including options that may require a legislative solution.

*Authority to increase primary aircraft authorization of Air Force and Air National Guard A-10 aircraft units for purposes of facilitating A-10 conversion*

The Senate amendment contained a provision (sec. 133) that would authorize the Secretary of the Air Force to increase the primary aircraft authorization of the Air Force Reserve or Air National Guard A-10 units to 24 aircraft to facilitate a unit conversion.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that the Secretary of the Air Force currently has the authority prescribed in the Senate provision and thus no further legislation is required.

*Increase in amounts for enhancing intelligence, surveillance, and reconnaissance capability*

The House bill contained a provision (sec. 135) that included an increase of \$23.1 million in line number 56 of aircraft procurement, Air Force, for the E-8. The provision would provide as an offset a decrease of \$23.1 million in line number 50 of aircraft procurement, Air Force, for the OC-135B.

The Senate amendment contained no similar provision.

The House recesses.

*Limitation on demilitarization of certain cluster munitions*

The House bill contained a provision (sec. 142) that would prohibit the Secretary of Defense from eliminating cluster munitions from the Department of Defense (DOD) inventory pending a certification. Under a Memorandum of the Secretary of Defense, dated June 19, 2008, stockpiles considered to be non-compliant were to be eliminated from the inventory after January 1, 2019. The Secretary of Defense would have to certify that the Department retains sufficient inventory levels of operationally suitable cluster munitions that comply with the Department's current policy, and meets at least 75 percent of the U.S. combatant commands operational requirements across the full range of military operational environments.

The Senate amendment contained no similar provision.

The House recesses.

The conferees believe, and Combatant Commanders have testified, that cluster munitions provide the military services with an effective capability to engage area targets, including massed formations of enemy forces. The conferees understand that the Secretary of Defense, through the Joint Staff, may soon adjust the Department's current policy, established in the 2008 Memorandum, to a policy that would prevent the DOD from removing non-compliant cluster munitions from active inventories and demilitarized only after their capabilities have been replaced by sufficient quantities of policy-compliant cluster munitions. The conferees believe that since the 2008 policy memorandum was signed, the global security environment has changed, and that several years of budgets have under-invested in replacement or policy compliant cluster munition systems. Absent waivers, the previous policy had the potential of depriving Combatant Commanders of the best available options in future conflicts. The conferees expect that any changes to the policy related to cluster munitions will be made in consultation with the congressional defense committees, and note that the conferees reserve the right to transition the requirement to retain

sufficient levels of policy compliant cluster munitions into statute in future legislative actions, if necessary.

*Littoral Combat Ship*

The Senate amendment contained a provision (sec. 14015) that would increase the amount authorized for the Littoral Combat Ship program by \$600.0 million and increase the reduction of fuel savings in section 4301 by \$600.0 million.

The House bill contained no similar provision.

The Senate recesses.

**TITLE II—RESEARCH, DEVELOPMENT, TEST, AND  
EVALUATION**

**SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS**

*Authorization of appropriations (sec. 201)*

The House bill contained a provision (sec. 201) that would authorize appropriations for research, development, test, and evaluation at the levels identified in section 4201 of division D of this Act.

The Senate amendment contained a similar provision (sec. 201).

The Senate recesses.

**SUBTITLE B—PROGRAM REQUIREMENTS,  
RESTRICTIONS, AND LIMITATIONS**

*Cost controls for presidential aircraft recapitalization program  
(sec. 211)*

The House bill contained a provision (sec. 211) that would establish cost controls for the Presidential Aircraft Recapitalization program.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would change the version of the system requirements document the program requirements are fixed to and give the Chief of Staff of the Air Force the authority to make adjustments to the capability requirements, subject to certain limitations, vice the Secretary of the Air Force.

*Capital investment authority (sec. 212)*

The House bill contained a provision (sec. 212) that would amend section 2208(k)(2) of title 10, United States Code, to raise the limit on in-house capital purchases using defense working capital funds from \$250,000 to \$500,000.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would restrict the limit increase to a major range and test facility installation or a science and technology reinvention laboratory, but maintains the \$250,000 limit for other types of facilities utilizing this authority.

*Prizes for advanced technology achievements (sec. 213)*

The House bill contained a provision (sec. 213) that would amend section 2374a of title 10, United States Code, to make permanent the Secretary of Defense's authority to award prizes for advanced technology achievements, to allow for the award of non-monetary awards, and to authorize the acceptance of non-monetary items from other parts of the Federal Government, from State government, and from non-governmental sources.

The Senate amendment contained a similar provision (sec. 214) that would amend section 2374a of title 10, United States Code, which authorizes the defense research enterprise to carry out programs to award prizes in recognition of outstanding achievements in basic, advanced, and applied research, technology development, and prototype development that have the potential for application to the performance of the military missions of the Department of Defense (DOD). The provision would also authorize the Department to accept funds from the private sector to help fund prize awards and reduce the overall cost of prize competitions.

The House recedes with technical amendments to clarify several aspects of the new authority for non-monetary awards.

*Joint Hypersonics Transition Office (sec. 214)*

The House bill contained a provision (sec. 215) that would re-designate the "Joint Technology Office on Hypersonics" as the "Joint Hypersonics Transition Office", with the responsibility to coordinate and integrate programs, ensure coordination of current and future programs of the Department of Defense on hypersonics, and approve demonstrations.

The Senate amendment contained a similar provision (sec. 235) that would express the sense of Congress that the Department of Defense should expedite testing, evaluation, and



acquisition of hypersonic weapon systems to meet the stated needs of the warfighter; that the United States cannot afford to lose its advantage over foreign countries in developing hypersonic weapons; and that the Department of Defense should focus on the next generation of weapon systems such as hypersonics.

The Senate recedes with an amendment that would expand the stated responsibilities of the newly designated office.

*Department of Defense directed energy weapon system prototyping and demonstration program (sec. 215)*

The Senate amendment contained a provision (sec. 219) that would designate the Under Secretary of Defense for Research and Engineering as the official with principal responsibility for development and demonstration of directed energy weapons, pursuant to section 219(a)(1) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). The provision would also authorize funds to be used exclusively for high energy laser and high power microwave prototyping and demonstrations, but withhold 50 percent of those funds until the Under Secretary develops and submits to Congress a strategic plan.

The House bill contained no similar provision.

The House recedes with an amendment that would make technical, clarifying changes to the provision.

*Appropriate use of authority for prototype projects (sec. 216)*

The House bill contained a provision (sec. 225) that would amend Section 2371b(d)(1)(A) of title 10, United States Code by allowing nonprofit research institutions to enter into transactions with the Department of Defense for prototype projects.

The Senate amendment contained no similar provision.

The Senate recedes.

*Mechanisms for expedited access to technical talent and expertise at academic institutions to support Department of Defense missions (sec. 217)*

The Senate amendment contained a provision (sec. 211) that would give the Secretary of Defense the authority to establish one or more multi-institution task order contracts, consortia, cooperative agreements, or other arrangements with universities that do not have similar existing constructs to facilitate expedited access to university technical expertise in support of

Department of Defense mission areas, such as cybersecurity, explosives detection, modeling and simulation, microelectronics, unmanned systems, advanced materials, machine learning, and myriad others.

The House bill contained no similar provision.

The House recedes with an amendment that would make technical clarification in the authorities provided in this provision.

*Modification of laboratory quality enhancement program (sec. 218)*

The Senate amendment contained a provision (sec. 213) that would modify the Laboratory Quality Enhancement Program established in section 211 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). The recommended provision would provide the clarifications necessary to proceed with implementation as envisioned in the original statute. The recommended provision would also add some new responsibilities for the panels created in the original statute and establish their relationship to the Under Secretary of Defense for Research and Engineering, established in section 901 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The House bill contained no similar provision.

The House recedes with an amendment that would specify that the Under Secretary shall consult and coordinate with appropriate departments, agencies, and entities in carrying out certain authorities.

*Reauthorization of Department of Defense Established Program to Stimulate Competitive Research (sec. 219)*

The Senate amendment contained a provision (sec. 5201) that would amend subsections (b), (c), and (d) of section 257 of the National Defense Authorization Act for Fiscal Year 1995 (Public Law 103-337; 10 U.S.C. 2358 note).

The House bill contained no similar provision.

The House recedes with a technical amendment.

*Codification and enhancement of authorities to provide funds for defense laboratories for research and development of technologies for military missions (sec. 220)*

The Senate amendment contained a provision (sec. 10203) that would amend Chapter 139 of title 10, United States Code, to codify and enhance the research authorities of the defense

laboratories originally established in section 219 of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110-417).

The House bill contained no similar provision.

The House recesses with a technical, clarifying amendment.

*Expansion of definition of competitive procedures to include competitive selection for award of science and technology proposals (sec. 221)*

The Senate amendment contained a provision (sec. 215) that would amend section 2302 of title 10, United States Code, to expand the definition of competitive procedures to include research and development proposals.

The House bill contained no similar provision.

The House recesses with an amendment that would clarify and specify the types of proposals eligible for competitive procedures.

The conferees note that the amended language in the final provision is meant to include all activities that comprise budget activities 1 through 4 (i.e. 6.1-6.4).

*Inclusion of modeling and simulation in test and evaluation activities for purposes of planning and budget certification (sec. 222)*

The Senate amendment contained a provision (sec. 216) that would amend section 196 of title 10, United States Code, to include modeling and simulation activities in the test and evaluation strategic plan and proposed test and evaluation budgets.

The House bill contained no similar provision.

The House recesses.

*Limitation on availability of funds for F-35 Joint Strike Fighter Follow-On Modernization (sec. 223)*

The Senate amendment contained a provision (sec. 221) that would limit the funds available for the F-35 Joint Strike Fighter Follow-On Modernization (FOM) program until the Secretary of Defense submits the report containing the basic elements of an acquisition program baseline for Block 4 modernization as required by section 224 of the National Defense Authorization Act (NDAA) for Fiscal Year 2017 (Public Law 114-238).

The House bill contained no similar amendment.

The House recedes with an amendment that would reduce the limitation to seventy-five percent of the funds authorized to be appropriated for F-35 FOM and a clarification that the limitations included in this provision and in section 224 of the NDAA for Fiscal Year 2017 shall not be construed to limit or restrict funding necessary to develop, certify, or deliver F-35A dual capable aircraft.

*Improvement of update process for populating mission data files used in advanced combat aircraft (sec. 224)*

The Senate amendment contained a provision (sec. 222) that would require the Department of Defense to refine the process of updating mission data files used in advanced combat aircraft so that they may be updated more quickly.

The House bill contained no similar provision.

The House recedes.

*Support for national security innovation and entrepreneurial education (sec. 225)*

The House bill contained a provision (sec. 222) that would authorize the Secretary of Defense to establish a Hacking for Defense program under which the Secretary may obligate or expend up to \$15,000,000 to support university-based entrepreneurial education programs, including: (A) materials to recruit veterans for such programs; (B) model curriculum for such programs; (C) training materials for such programs; and (D) best practices for the conduct of such programs.

The Senate amendment contained a similar provision (sec. 10201) that would authorize the Secretary of Defense to support national security innovation and entrepreneurial education programs. The provision would also authorize the Secretary to develop and maintain metrics to assess these activities and ensure that any recipient of a small business award has the option to participate in training under this program.

The House recedes with an amendment that would clarify the existing Department of Defense activities with which the Secretary of Defense should consider coordinating and partnering in executing the activities of this program.

The conferees recognize that the ability of the Department of Defense to respond to evolving national security challenges would benefit by a workforce that is increasingly exposed to, and has an understanding of, modern problem-solving techniques and innovative methodologies. The conferees also believe that by presenting national security problems to universities and education centers, increasingly diverse stakeholder

participation will aid in the rapid development of solutions to national security challenges and improve Department of Defense recruitment of young technologists and engineers with critical skill sets, including cyber capabilities. These sorts of programs may also be useful in providing a unique pathway for veterans, federal employees, and military personnel to leverage their training, experience, and expertise to solve emerging national security challenges while learning cutting-edge business innovation methodologies.

*Limitation on cancellation of designation Executive Agent for a certain Defense Production Act program (sec. 226)*

The Senate amendment contained a provision (sec. 14006) that would require that the Secretary of the Air Force to continue serving as the Department of Defense Executive Agent for the Defense Production Act Programs.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary of Defense to complete a review and assessment of the Defense Production Act Title III program and brief the appropriate committees of jurisdiction. The amendment would also establish that the Secretary of Defense shall not change the assigned Department of Defense Executive Agent for the program prior to briefing the appropriate committees of jurisdiction.

## **SUBTITLE C - REPORTS AND OTHER MATTERS**

*Columbia-class program accountability matrices (sec. 231)*

The House bill contained a provision (sec. 214) that would deem certain *Columbia*-class ballistic missile submarine components as critical technologies.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require submittal and periodic updates of matrices on *Columbia*-class cost, design and construction goals. The Comptroller General of the United States would be required to review and assess each periodic update. The amendment would also repeal section 131 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92).

*Review of barriers to innovation in research and engineering activities of the Department of Defense (sec. 232)*

The Senate amendment contained a provision (sec. 220) that would require the establishment of a process under which the Under Secretary of Defense for Research and Engineering would review and modify Department of Defense regulations that would adversely affect the innovative capacity of the DOD.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary of Defense to provide an annual report to the congressional defense committees, developed in coordination with relevant Under Secretaries and Service Secretaries, describing specific impediments to innovation and methods by which to address such impediments. The report shall also articulate the process for review of directives, rules, regulations, and other policies for their potential to adversely affect the ability of the research and engineering enterprise of the Department of Defense to execute its designated missions.

*Pilot program to improve incentives for technology transfer from Department of Defense laboratories (sec. 233)*

The House bill contained a provision (sec. 223) that would require the Secretary of Defense, in coordination with the Secretary of Energy, to conduct a pilot program among defense laboratories (as defined in section 2199 of title 10, United States Code), national laboratories (as defined in section 188(f) of title 10, United States Code), and private entities to facilitate the licensure, transfer, and commercialization of innovative technologies.

The Senate amendment contained a similar provision (sec. 5202) that would require the Secretary of Defense to establish a pilot program to assess the feasibility and advisability of distributing royalties and other payments to the inventors or co-inventors of technologies whose rights are directly assigned to the United States. The pilot program under this section would terminate five years after the date of the enactment of this Act.

The House recedes.

The conferees are aware that questions have been raised regarding the transfer of some technology developed by the national laboratories when using Department of Defense funding. The conferees therefore direct the Administrator for Nuclear Security and the Secretary of Defense to provide a briefing to the Armed Services Committees of the Senate and House of Representatives no later than January 30, 2018. This briefing should address plans to improve opportunities for technology transfer with regard to defense technology that was developed by the nuclear security laboratories for the Department of Defense

or military services, including a description of which agency owns such technology and opportunities for coordination to facilitate technology transfer, as appropriate.

*Competitive acquisition plan for low probability of detection data link networks (sec. 234)*

The Senate amendment contained a provision (sec. 231) that would require the Under Secretary of Defense for Acquisition, Technology and Logistics (USD AT&L) (or its successor) and the Vice Chairman of the Joint Chiefs of Staff (VCJCS) to provide a plan for a competitive acquisition process to procure a secure, low probability of detection data link network capability.

The House bill contained no similar provision.

The House recedes with an amendment that would specify that the USD AT&L and VCJCS provide the defense committees potential acquisition strategies and would change the limitation of funds from the offices of the Secretary of Defense and Chairman of the Joint Chiefs of Staff to the offices of the Secretary of the Air Force and the Secretary of the Navy.

*Clarification of selection dates for pilot program for the enhancement of the research, development, test, and evaluation centers of the Department of Defense (sec. 235)*

The Senate amendment contained a provision (sec. 232) that would make clarifications and edits to the laboratory management demonstration program established in section 233 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). The provision would clarify the date limitations for consideration of an application to join the pilot program, and it would also clarify that any proposals pursuant to the pilot program shall be submitted to the appropriate assistant secretary.

The House bill contained no similar provision.

The House recedes.

*Requirement for a plan to build a prototype for a new ground combat vehicle for the Army (sec. 236)*

The Senate amendment contained a provision (sec. 233) that would require the Secretary of the Army to submit a report to the congressional defense committees on a plan to build a prototype for a new ground combat vehicle within 90 days of the enactment of this Act.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Secretary of the Army to submit its plan not later than February 1, 2018.

The conferees encourage the Secretary of the Army to use all available acquisition authorities to the fullest extent possible to plan to build a prototype for a new ground combat vehicle. The conferees are interested in how the Army intends to exploit the latest enabling component technologies that have the potential to dramatically change basic combat vehicle design and improve lethality, protection, mobility, range, and sustainment. The required report should include an analysis of capabilities of the most advanced foreign ground combat vehicles and whether any have characteristics that should inform the development of the Army's prototype vehicle, including whether any U.S. allies or partners have advanced capabilities that could be directly incorporated in the prototype. Such technologies would include vehicle active protection systems with hard and soft kill capabilities, reactive armor, composite armor, thermal signature reduction, noise reduction, fuel cell propulsion, opposed-piston engines, 32 speed transmissions, suspension, power generation, voltage management, 3rd generation forward looking infrared sights, integrated hostile fire detection, manned-unmanned teaming, automatic loaders, munitions, and cannons.

*Plan for successfully fielding the Integrated Air and Missile Defense Battle Command System (sec. 237)*

The Senate amendment contained a provision (sec. 234) that would require the Secretary of the Army to submit to the congressional defense committees a plan to successfully field a suitable, survivable, and effective Integrated Air and Missile Defense Battle Command System (IBCS) program. The committee directs the Secretary to submit this plan within 180 days of the enactment of this Act. Furthermore, none of the funds authorized may be obligated until receipt of the Army's report.

The House Bill contained no similar provision.

The House recesses with an amendment that would require the Secretary of the Army to submit its plan not later than February 1, 2018. The amendment also stipulates that not more than 50 percent of the funds authorized may be obligated by the Secretary of the Army.

The conferees are concerned that this developmental program is not meeting schedule and performance objectives after having become a program of record over 7 years ago. The conferees are aware that the Army has delayed a Milestone C decision for limited production for 4 years.



Given that the Army has already expended over \$2.1 billion on this program with the expected requirement to spend much more, the conferees are concerned current software will soon become obsolete before a functional IBCS is fielded.

## **LEGISLATIVE PROVISIONS NOT ADOPTED**

### *Codification and enhancement of authorities to provide funds for defense laboratories for research and development of technologies for military missions*

The Senate amendment contained a provision (sec. 212) that would amend chapter 139 of title 10, United States Code, to codify the research authorities of the defense laboratories originally established in section 219 of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110-417) and improved and made permanent in subsequent legislation.

The Senate amendment also contained a provision (sec. 10202) that would remove force and effect from section 212.

The Senate recesses.

The conferees note that the codification of these authorities is contained elsewhere in this Act.

### *Hypersonic airbreathing weapons capabilities*

The House bill contained a provision (sec. 216) that would allow the Secretary of Defense to transfer oversight and management of the Hypersonic Airbreathing Weapons Concept from the Defense Advanced Research Projects Agency to an entity of the Air Force.

The Senate amendment contained no similar provision.

The House recesses.

### *Limitation on availability of funds for MQ-25 unmanned air system*

The House bill contained a provision (sec. 217) that would limit funding for the MQ-25 program until certain conditions are met.

The Senate amendment contained no similar provision.

The House recesses.

### *Differentiation of research and development activities from service activities*

The Senate amendment contained a provision (sec. 217) that would differentiate between research and development activities and service activities through the establishment of clear definitions for each activity.

The House bill contained no similar provision.

The Senate recesses.

#### *Limitation on availability of funds for contract writing systems*

The House bill contained a provision (sec. 218) that would limit the availability of funds for contract writing systems.

The Senate amendment contained no similar provision.

The House recesses.

The conferees remain concerned that the military services continue to procure individual, functionally stove-piped business systems when there appear to be efficiencies and cost-savings that might be gained by consolidating acquisitions around areas with similar requirements. The conferees are encouraged by the Department of Defense's efforts to take a portfolio approach to contract-writing systems. The conferees recognize the challenge in reducing and consolidating the overall numbers of systems based on the lack of sustained focus on overall information technology modernization, but the burgeoning focus on data transparency vice systems integration indicates that this problem may be surmountable over time as current practices take hold within the Department.

Based on the progress in this area, the conferees encourage the Department to initiate or accelerate such efforts in other areas, to include personnel and pay, financial management, and enterprise resource programs. In addition to a portfolio approach, the conferees believe that these initiatives could be accelerated by leveraging the use of fixed-price contracting, pursuing the use of commercial-off-the-shelf solutions that minimize customization, and more frequent delivery of increments.

The conferees also encourage the Department to leverage the pilot program for agile and iterative development for software systems elsewhere in this Act as a means to test out some of the concepts, and to serve as a pathfinder for other programs.

#### *Strategy for use of virtual training technology*

The House bill contained a provision (sec. 219) that would require the Secretary of Defense to direct the head of each military department to establish a comprehensive strategy to determine what capability gaps exist in the department that can

be rectified with virtual training; to review the virtual training possibilities for this gap to determine what virtual training would rectify this gap most efficiently; and to determine what acquisitions would need to be made to acquire the correct amount of technology to achieve desired goals.

The Senate amendment contained no similar provision.

The House recesses.

*Increase in funding for electronics and electronic devices of the Army*

The House bill contained a provision (sec. 220) that would increase funding for Applied Research, Electronics and Electronic Devices.

The Senate amendment contained no similar provision.

The House recesses.

*Increase in funding for Historically Black Colleges and Universities and Minority Institutions*

The House bill contained a provision (sec. 221) that would authorize funds to be appropriated in section 4201 for research, development, test, and evaluation, Defense-wide, as specified in the corresponding funding table in section 4201, for Basic Research, Historically Black Colleges and Universities/Minority Institutions, Line 006, to increase by \$4,135,000.

The Senate amendment contained a similar provision (sec. 236) that would authorize funds to be appropriated in Research, Development, Test, and Evaluation, Defense-wide, PE 61228D8Z, section 4201, for Basic Research, Historically Black Colleges and Universities/Minority Institutions, Line 006, to increase by \$12,000,000.

The House recesses.

The Senate recesses.

The conferees note that historically black colleges and universities (HBCUs) and minority-serving institutions (MSI) play a vital role in educating diverse and underrepresented students in areas of national security need, particularly in areas of science, technology, engineering, and mathematics. For many years, these institutions have been collaborating with the Department of Defense in research and development efforts that contribute to the defense readiness and national security of the nation. The conferees have supported both greater participation among HBCU/MSI, as well as increased opportunities within the Department of Defense to find means to leverage that expertise more broadly, such as through internships, outside review committees and advisory groups.

Furthermore, the conferees recognize that these institutions are vital in developing the next generation of scientists and engineers who will help lead the Department of Defense in addressing high-priority national security challenges. It is important to further engage HBCUs and minority-serving institutions in university research and innovation, especially in prioritizing software development and cyber security by utilizing existing Department of Defense labs, and collaborating with existing programs that help attract candidates, including programs like the Air Force Minority Leaders Programs, which recruit Americans from diverse background to serve their country through service in our Nation's military.

The conferees also note that although these provisions are not adopted, the increase in funds authorized by them is still included in the funding tables in Section 4201.

#### *STEM(MM) jobs action plan*

The House bill contained a provision (sec. 224) that would direct the Secretary of Defense, in conjunction with the Secretary of each military department to perform an assessment of the science, technology, engineering, math, maintenance, and manufacturing (STEM(MM)) workforce for organizations within the Department of Defense, including the numbers and types of positions and the expectations for losses due to retirements and voluntary departures; identify the types and quantities of STEM(MM) jobs needed to support future mission work; determine the shortfall between lost STEM(MM) personnel and future requirements; analyze and explain the appropriateness and impact of using reimbursable and working capital fund dollars for new STEM(MM) hires; identify a plan of action to address the STEM(MM) jobs gap, including hiring strategies and timelines for replacement of STEM(MM) employees; and deliver to Congress, not later than December 31, 2018, a report specifying such plan of action.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that jobs in STEM(MM) make up a significant portion of the workforce of the Department of Defense. Many of these jobs exist within the organic industrial base, research, development, and engineering centers, life-cycle management commands, and logistics centers of the Department, and are thus vital to the mission of all of the military services. Because the demographics of personnel of the Department indicate that many of the STEM(MM) personnel of the Department will be eligible to retire in the next few years, the

conferees believe the Department should be taking decisive, proactive action to ensure there is sufficient personnel for these areas, and that any further skills and knowledge gap does not lead to a serious readiness gap.

*Jet noise reduction program of the Navy*

The House bill contained a provision (sec. 226) that would authorize the Secretary of the Navy to carry out a jet noise reduction program.

The Senate amendment contained no similar provision.  
The House recesses.

*Process for coordination of studies and analysis research of the Department of Defense*

The House bill contained a provision (sec. 227) that would require the Secretary of Defense to implement a Department of Defense-wide process under which the heads of the military departments and Defense Agencies responsible for managing requests for studies and analysis research would be required to coordinate annual research requests and ongoing research efforts to minimize duplication and reduce costs.

The Senate amendment contained no similar provision.  
The House recesses.

*Very-low profile hardware to interact with the Mobile User Objective Systems and other systems*

The Senate amendment contained a provision (sec. 10205) that would increase funding for the Joint Tactical Information Distribution System. The funding increase would also allow the Secretary of Defense to study and demonstrate very-low profile hardware, such as antennae and chipsets, with software, encryption, and cyber and network management tools necessary to interact with the Mobile User Objective System (MUOS) and other systems that are considered part of the Internet of Things to provide command, control, communications, and cyber restoral capabilities.

The House bill had no similar provision.  
The Senate recesses.

**TITLE III—OPERATION AND MAINTENANCE**

**SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS**

*Authorization of appropriations (sec. 301)*

The Senate amendment contained a provision (sec. 301) that would authorize the appropriations for operation and maintenance activities at the levels identified in section 4301 of division D of this Act.

The House bill contained a similar provision (sec. 301).  
The House recesses.

**SUBTITLE B—ENERGY AND ENVIRONMENT**

*Military Aviation and Installation Assurance Siting Clearinghouse (sec. 311)*

The House bill contained a provision (sec. 311) that would amend chapter 7 of title 10, United States Code, to ensure the proper assessment of energy projects by the Department of Defense's Siting Clearinghouse.

The Senate amendment contained a similar provision (sec. 331).

The House recesses with multiple technical amendments.

*Energy performance goals and master plan (sec. 312)*

The House bill contained a provision (sec. 312) that would amend section 2911 of title 10, United States Code, to include goals to reduce the future demand and the requirements for the use of energy, to enhance energy resilience to ensure the Department has the ability to prepare for and recover from energy disruptions that impact mission assurance on military installations, and to leverage third-party financing to address installation energy needs.

The Senate amendment contained an identical provision (sec. 342).

The conference agreement includes this provision.

*Payment to Environmental Protection Agency of stipulated penalty in connection with Umatilla Chemical Depot, Oregon (sec. 313)*

The House bill contained a provision (sec. 313) that would authorize the Secretary of the Army to transfer funds to the Hazardous Substance Superfund to satisfy a penalty assessed by the Environmental Protection Agency against the Umatilla Chemical Depot, Oregon, under a Federal Facility Agreement entered into by the Army and the Environmental Protection Agency in 1989.

The Senate amendment contained no similar provision.  
The Senate recesses.

The conferees encourage the Army to take all practicable measures to support the earliest possible conveyance of property to the local development agency.

*Payment to Environmental Protection Agency of stipulated penalty in connection with Longhorn Army Ammunition Plant, Texas (sec. 314)*

The House bill contained a provision (sec. 314) that would authorize the Secretary of the Army to transfer funds to the Hazardous Substance Superfund to satisfy a penalty assessed by the Environmental Protection Agency against Longhorn Army Ammunition Plant, Texas, under a Federal Facility Agreement entered into by the Army and the Environmental Protection Agency in 1991.

The Senate amendment contained no similar provision.  
The Senate recesses.

*Department of the Army cleanup and removal of petroleum, oil, and lubricant associated with the Prinz Eugen (sec. 315)*

The House bill contained a provision (sec. 315) that would authorize the removal and cleanup of petroleum, oil and lubricants from the heavy cruiser Prinz Eugen, which was transferred from the United States to the Republic of the Marshall Islands in 1986.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would require the Secretary of the Army to certify that the petroleum, oil, and lubricants associated with the Prinz Eugen do not impede military operations if the Secretary chooses not to exercise the authority.

*Centers for Disease Control study on health implications of per- and polyfluoroalkyl substances contamination in drinking water (sec. 316)*

The House bill contained a provision (sec. 1060B) that would require the Secretary of Defense to conduct a study on the health effects of individuals who have been exposed to perfluorooctane sulfonate and perfluorooctanoic acid.

The Senate amendment contained two similar provisions (sec. 343 and sec. 10304).

The House recesses with multiple technical amendments.

*Sentinel Landscapes Partnership (sec. 317)*

The Senate amendment contained a provision (sec. 311) that would authorize the Secretary of Defense, in coordination with the Secretary of Agriculture and the Secretary of Interior, to participate in the preservation of the Sentinel Landscapes Program.

The House bill contained no similar provision.

The House recedes with a technical amendment.

*Report on release of radium or radioactive material into the groundwater near the industrial reserve plant in Bethpage, New York (sec. 318)*

The Senate amendment contained a provision (sec. 10301) that would require the Secretary of Defense to add an addendum to the ``2017 Annual Report for Groundwater Impacts at Naval Weapons Industrial Reserve Plant Bethpage, New York'' report that would detail the release of radium or radioactive material by the Department of Defense surrounding Bethpage, New York.

The House bill contained no similar provision.

The House recedes.

## **SUBTITLE C—LOGISTICS AND SUSTAINMENT**

*Reauthorization of multi-trades demonstration project (sec. 321)*

The House bill contained a provision (sec. 321) that would amend section 338 of the National Defense Authorization Act for Fiscal Year 2004 (Public Law 108-136) to extend the multi-trades demonstration project through 2024.

The Senate amendment contained no similar provision.

The Senate recedes.

*Increased percentage of sustainment funds authorized for realignment to restoration and modernization at each installation (sec. 322)*

The Senate amendment contained a provision (sec. 312) that would grant temporary permissive authority to the Secretary of Defense to authorize an installation commander to realign up to 7.5 percent of that installation's sustainment funds to restoration and modernization. The authority would expire on September 30, 2022.

The House bill contained no similar provision.

The House recedes.



*Guidance regarding use of organic industrial base (sec. 323)*

The House bill contained a provision (sec. 322) that would direct the Secretary of the Army to maintain the arsenals with sufficient workloads to ensure affordability and technical competence in all critical capability areas.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Secretary of the Army to establish, not later than 90 days after enactment of this Act, clear and prescriptive guidance on the process for conducting make-or-buy analyses for Army requirements, to include the use of the organic industrial base.

## **SUBTITLE D—REPORTS**

*Quarterly reports on personnel and unit readiness (sec. 331)*

The House bill contained a provision (sec. 331) that would amend section 482 of title 10, United States Code, to change the matters reported in the Quarterly Readiness Reports to Congress (QRRC). Reports for the first and third quarters of a fiscal year would contain information on Department of Defense and military service readiness status while those for the second and fourth quarters of a fiscal year would contain Department of Defense mitigation plans for readiness deficiencies identified in the previous quarter's QRRC.

The Senate amendment contained no similar provision.

The Senate recedes.

The conferees note the importance of meeting congressionally mandated deadlines for readiness reporting requirements to ensure that the information provided to Members of Congress is up to date and accurate.

*Biennial report on core depot-level maintenance and repair capability (sec. 332)*

The House bill contained a provision (sec. 332) that would amend section 2464 of title 10, United States Code, to improve existing biennial reporting requirements on core depot-level maintenance and repair capabilities by clarifying what specific data should be included in such reports.

The Senate amendment contained no similar provision.

The Senate recedes.

*Annual report on personnel, training, and equipment needs of non-federalized National Guard (sec. 333)*

The House bill contained a provision (sec. 333) that would amend section 10504 of title 10, United States Code, to require the Chief of the National Guard Bureau to submit an annual report on the personnel, training, and equipment requirements of the non-federalized National Guard through calendar year 2022.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the report to be submitted in coordination with the Secretary of Defense through calendar year 2020 with an additional requirement that the report assess the ability of state budgets to support validated non-federalized National Guard requirements.

*Annual report on military working dogs used by the Department of Defense (sec. 334)*

The House bill contained a provision (sec. 334) that would require the Secretary of Defense to: (1) Identify the number of military working dogs required to fulfill the missions of the Department; (2) Take steps to ensure the availability of an adequate number of working dog teams to meet and sustain those missions; (3) Ensure that the Department's requirements and performance standards for working dogs are available to dog trainers and breeders; (4) Coordinate with other government agencies and private sector organizations to increase training capacity for military working dogs; and (5) Ensure efficient procurement of working dogs at the best value to the government. Additionally, the provision would require the Secretary to submit a report to the congressional defense committees, within 90 days of the date of the enactment of this Act and annually thereafter until September 30, 2021, on the procurement and retirement of working dogs during the previous fiscal year.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Report on effects of climate change on Department of Defense (sec. 335)*

The House bill contained a provision (sec. 336) that would state findings related to climate change, express the sense of Congress regarding climate change and national security, and would require the Secretary of Defense to provide a report on vulnerabilities to military installations and combatant commands from climate change related effects.

The Senate amendment contained no similar provision.

The Senate recedes.

The conferees direct that the reporting elements required by the related Senate Committee Report (under the heading "Defense Threat Assessment and Plan for Climate") shall be consolidated and submitted together with the report required by this provision and shall be delivered as a single report.

*Report on optimization of training in and management of special use airspace (sec. 336)*

The Senate amendment contained a provision (sec. 10303) that would require the Air Force, in consultation with the Federal Aviation Administration (FAA), to submit to Congress a report on the optimization of training and management of special use airspace.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Air Force and FAA to jointly submit, and add elements to, the required report.

*Plan for modernized, dedicated Department of the Navy adversary air training enterprise (sec. 337)*

The Senate amendment contained a provision (sec. 321) that would direct the Chief of Naval Operations and Commandant of the Marine Corps to submit a plan for developing and emplacing a modernized dedicated adversary air training enterprise.

The House bill contained no similar provision.

The House recedes.

*Updated guidance regarding biennial core report (sec. 338)*

The House bill contained a provision (sec. 337) that would direct the Secretary of Defense to direct the Under Secretary of Defense for Acquisition, Technology and Logistics to update the Department of Defense Guidance to require future biennial core reports to include instructions to the reporting agencies on how to carry out certain elements of the report.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

## **SUBTITLE E—OTHER MATTERS**

*Explosive safety board (sec. 341)*

The House bill contained a provision (sec. 341) that would amend section 172 of title 10, United States Code, to change the

name of the Ammunition Storage Board to the Explosive Safety Board while also changing the membership requirements of that board.

The Senate amendment contained no similar provision.  
The Senate recesses with a technical amendment.

*Servicewomen's commemorative partnerships (sec. 342)*

The House bill contained a provision (sec. 342) that would allow the Secretary of Defense to provide financial support for the acquisition, installation, and maintenance of exhibits, facilities, historical displays, and programs at military service memorials and museums that highlight the role of women in the Armed Forces.

The Senate amendment contained a similar provision (sec. 334).

The House recesses.

The conferees note that the fiscal year 2018 budget request included \$5.0 million for financial support for the acquisition, installation, and maintenance of exhibits, facilities, historical displays, and programs at military service memorials and museums that highlight the role of women in the military in accordance with section 2833 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). As noted in the justification materials accompanying the budget request, the conferees expect these funds and the authority provided by this section to enable the memorial to address program shortfalls and chart a path to financial independence by end of year fiscal year 2018.

*Limitation on availability of funds for advanced skills management software system of the Navy (sec. 343)*

The House bill contained a provision (sec. 343) that would require the Secretary of the Navy to brief on needed enhancements to the system, and withhold funding until 60 days after the Secretary of the Navy has provided information that considers commercial-off-the-shelf solutions.

The Senate amendment contained no similar provision.

The Senate recesses with a technical/clarifying amendment.

*Cost-benefit analysis of uniform specifications for Afghan military or security forces (sec. 344)*

The House bill contained a provision (sec. 344) that would require a cost-benefit analysis of uniform specifications

whenever the Secretary of Defense enters into a contract for the provision of uniforms for Afghan military or security forces.

The Senate amendment contained no similar provision.

The Senate recesses.

The conferees understand that planning is already underway within the Department of Defense (DOD) to conduct a cost-benefit analysis in fiscal year 2018, including the identification of appropriate DOD experts to lead the study. The conferees commend the Department for taking action and look forward to the result.

*Temporary installation reutilization authority for arsenals, depots, and plants (sec. 345)*

The Senate amendment contained a provision (sec. 332) that would establish a pilot program to grant permissive authority to the Secretary of the Army to authorize leases and contracts up to 25 years under section 2667 of title 10, United States Code, if the Secretary determines that a lease or contract will promote the national defense to maintain the viability of an arsenal, depot, plant, or military installation on which such facility is located. The provision would subject any lease to a 90-day hold period for the purposes of review by the Army real property manager. The provision would finally require that this authority would expire on September 30, 2020.

The House bill contained no similar provision.

The House recesses with a technical amendment that would replace the term "Army Real Property Manager" with "Chief of the Army Corps of Engineers" and limit the number of leases or agreements allowed under this permissive authority to 10 per fiscal year.

*Comprehensive plan for sharing depot-level maintenance best practices (sec. 346)*

The Senate amendment contained a provision (sec. 5302) that would direct the Secretary of Defense to submit a report to the congressional defense committees on a comprehensive plan for the sharing of best practices for depot-level maintenance among the military services.

The House bill contained no similar provision.

The House recesses.

*Pilot program for operation and maintenance budget presentation (sec. 347)*

The Senate amendment contained a provision (sec. 333) that would establish a 3-year pilot program for the operating tempo, flying hour, depot maintenance, and base operating support subactivity groups for each service to be submitted as an annex or annexes in conjunction with the President's budget requests beginning with fiscal year 2019 and ending with the submission for fiscal year 2021.

The House bill contained no similar provision.

The House recesses.

*Repurposing and reuse of surplus Army firearms (sec. 348)*

The Senate amendment contained a provision (sec. 336) that would require the Secretary of the Army to transfer all excess firearms, related spare parts and components, small arms ammunition, and ammunition components currently stored at Defense Distribution Depot, Anniston, Alabama that are no longer actively issued for military service and not commercially available to Rock Island Arsenal for melting and to be reforged into new firearms and force protection barriers.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Secretary of the Army, in coordination with the Director of the Defense Logistics Agency, to submit to the Committees on Armed Services an annual report, not later than 5 days after the submission of the President's budget for a fiscal year, specifying additional excess firearms, related spare parts and components, small arms ammunition, and ammunition components designated as no longer actively issued for military service and that are otherwise prohibited from commercial sale, or distribution, under Federal law. The Secretary of the Army will designate these items to either be added to the transfer list for purposes of (b) or exemption lists for purposes of (c). These lists shall include any items that are not currently identified by subsection (a) or (c). Furthermore, the amendment would not allow the Secretary of the Army to take any action to transfer the items specified in the annual report until the date of the enactment of the National Defense Authorization Act for the fiscal year following the year such report is submitted.

*Department of the Navy marksmanship awards (sec. 349)*

The Senate amendment contained a provision (sec. 337) that would amend section 40728 of title 36, United States Code, to grant permissive authority to the Secretary of the Navy to transfer to the Corporation for the Promotion of Rifle Practice & Firearms Safety, M-1 Garand and caliber .22 rimfire rifles

within the inventories of the Navy and Marine Corps stores at Defense Distribution Depot, Anniston, Alabama or Naval Surface Warfare Center, Crane, Indiana for the sole purpose as awards for competitors in marksmanship competitions held by the Navy or Marine Corps. The provision would not allow these awards to be resold.

The House bill contained no similar provision.

The House recedes with an amendment that would stipulate that all weapons deemed eligible for award shall be rendered inoperable prior to transfer for award purposes.

*Civilian training for National Guard pilots and sensor operator aircrews of MQ-9 unmanned aerial vehicles (sec. 350)*

The Senate amendment contained a provision (sec. 5506) that would authorize the Chief of the National Guard Bureau to enter into contracts with civilian entities to provide flying or operational training to National Guard MQ-9 unmanned aerial vehicle pilots and sensor aircrew under certain conditions.

The House bill contained no similar provision.

The House recedes with an amendment that would provide the Secretary of the Air Force with the prescribed authority, vice the Chief of the National Guard Bureau.

The conferees believe the Secretary of the Air Force should closely coordinate with the Chief of the National Guard Bureau in making the determination to use this authority.

*Training for National Guard personnel on wildfire response (sec. 351)*

The Senate amendment contained a provision (sec. 514) that would authorize the Secretary of the Army and the Secretary of the Air Force to provide support for training of National Guard personnel on wildfire response.

The House bill contained no similar provision.

The House recedes with an amendment to include training for wildfire prevention.

*Modification of the Second Division Memorial (sec. 352)*

The Senate amendment contained a provision (sec. 338) that would allow the Second Indianhead Division Association, Inc. to place additional commemorative elements or engravings on the existing Second Division Memorial in Washington, DC, to further honor the members of the Second Infantry Division.

The House bill contained no similar provision.

The House recedes.

## LEGISLATIVE PROVISIONS NOT ADOPTED

### *Prohibition on application of hiring freezes at Department of Defense industrial base facilities*

The House bill contained a provision (sec. 323) that would prohibit the application of hiring freezes at the Department of Defense industrial base facilities.

The Senate amendment contained no similar provision.

The House recesses.

The conferees urge the Secretary of Defense to consider the implications of a hiring freeze on Working Capital Fund operations in the event of a hiring freeze.

### *Annual briefings on Army explosive ordnance disposal*

The House bill contained a provision (sec. 335) that would require an annual briefing to the Committees on Armed Services of the Senate and House of Representatives on the Army's explosive ordnance disposal program.

The Senate amendment contained no similar provision.

The House recesses.

The conferees direct the Secretary of the Army to provide to the congressional defense committees, not later than 60 days after the last day of each fiscal year 2018 through 2021, a briefing on Army explosive ordnance disposal. The briefing shall include: (1) Programmed funding and manpower to establish and implement the explosive ordnance disposal (EOD) assistant commandant position in the Army Ordnance School; (2) EOD personnel talent management; (3) How the EOD career path ensures and maintains technical proficiency for EOD personnel; (4) Efforts to improve EOD proponentcy and advocacy across the Army; (5) Efforts to enhance synchronization of EOD with other Army missions and functions and retain critical interdependencies; and (6) Annual funding programmed through the future-years defense program and executed during the preceding fiscal year for EOD requirements including personnel, training, and equipment.

### *Report on Arctic readiness*

The House bill contained a provision (sec. 338) that would require the Secretary of Defense to submit to Congress a report on Arctic readiness.

The Senate amendment contained no similar provision.

The House recesses.



The conferees note that elements of this provision are incorporated into a report on the Department of Defense's Arctic capabilities, resource gaps, and required infrastructure required elsewhere in this Act.

*Report on effects of increased automation of defense industrial base on manufacturing workforce*

The House bill contained a provision (sec. 340) that would require the Secretary of Defense to submit a report on the effects of increased automation of the defense industrial base on the manufacturing workforce.

The Senate amendment contained no similar provision.

The House recesses.

*Comptroller General review of Department of Defense cost models used in making personnel decisions*

The House bill contained a provision (sec. 340A) that would require a Comptroller General review of Department of Defense cost models used in making personnel decisions.

The Senate amendment contained no similar provision.

The House recesses.

*Authority to carry out environmental restoration activities at National Guard and Reserve locations*

The Senate amendment contained a provision (sec. 341) that would amend section 2701(a) of title 10, United States Code, to authorize the Secretary to carry out environmental restoration activities at the National Guard and Reserve locations.

The House bill contained no similar provision.

The Senate recesses.

The conferees direct the Secretary of Defense to deliver recommendations to the conferees no later than 30 days after the enactment of this Act on how the Department could: (1) Reimburse state or municipal agencies that expended funds to investigate or provide alternative water supplies, due to the release of per- and polyfluoroalkyl substances, when release came from a Department of Defense facility; and (2) Authorize access to the Environmental Restoration Account, established in 10 U.S.C. 2703, to address the investigation and any required removal or remedial action for the release of per- and polyfluoroalkyl substances when the release took place from an Air or Army National Guard facility operating under a title 32 authority.

*Environmental oversight and remediation at Red Hill Bulk Fuel Storage Facility*

The Senate amendment contained a provision (sec. 344) that would express the sense of Congress that the Red Hill Bulk Fuel Storage Facility located on Oahu, Hawaii is a national strategic asset.

The House bill contained no similar provision.

The Senate recesses.

The conferees note the strategic value of the Red Hill Bulk Fuel Storage Facility that supports combatant commander theater security requirements, contingency operations, and provides essential and timely support to the United States and allies' military mobilization, routine movements, and disaster response efforts in the Indo-Asia-Pacific and around the world. The conferees note that the facility in its current form cannot be replicated anywhere else in the world. Moving the fuel to another storage facility in the Indo-Asia-Pacific would have implications for the United States military force structure in the Indo-Asia-Pacific region. If the facility were closed, the United States Armed Forces would be unable to support the National Military Strategy, including the goals of the United States Pacific Commander, and national security interests would be significantly undermined.

The conferees note that constant vigilance is required to ensure that facility degradation and fuel leaks do not pose a threat to the people of Hawaii, especially the drinking water on Oahu, and despite its importance, the bulk fuel storage facility continues to face long-term challenges without robust and consistent funding that provides the Navy and the Defense Logistics Agency the resources needed to improve the fuel storage tanks and associated infrastructure. Accordingly, the conferees direct the Secretary of Defense to ensure the annual budget justification materials submitted to Congress includes a description of how the Department will request and use funds to support any deliverables that the parties of the Administrative Order on Consent have agreed are necessary to ensure the continued safe operation of the Red Hill Bulk Fuel Storage Facility and prevent future fuel leaks into the environment.

*Increase in funding for civil military programs*

The House bill contained a provision (sec. 345) that would increase funding for civil military programs by \$25.0 million.

The Senate amendment contained no similar provision.

The House recesses.

*Report on maternity uniforms*

The House bill contained a provision (sec. 346) that would direct the Secretary of Defense to submit a report to the congressional defense committees regarding maternity uniforms for pregnant members of the Armed Forces.

The Senate amendment contained no similar provision.

The House recesses.

The conferees direct the Secretary of Defense to submit to the congressional defense committees, not later than 90 days after the date of the enactment of this Act, a report regarding maternity uniforms for pregnant members of the Armed Forces. The report shall include:

- (1) The design of maternity uniforms;
- (2) Materials used in the fabrication of maternity uniforms;
- (3) The sizing of maternity uniforms;
- (4) Prices of maternity uniforms;
- (5) The availability of maternity uniforms;
- (6) The quality of maternity uniforms;
- (7) The utility of maternity uniforms.

*Status of compliance with process for communicating availability of surplus ammunition*

The House bill contained a provision (sec. 347) that would require the Under Secretary of Defense for Acquisition, Technology, and Logistics to provide a briefing to the congressional defense committees on the status of compliance with section 344 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that section 344 of Public Law 114-328 required the Secretary of Defense to implement a formal process for communicating to other Federal Government agencies the availability of surplus, serviceable ammunition from the Department of Defense for the purpose of reducing costs relating to the storage and disposal of such ammunition. The conferees are aware that a Memorandum of Understanding was signed by the Defense Logistics Agency (DLA) and the Department of the Army to help facilitate a formal process for transferring excess conventional ammunition and the conferees support this action taken. However, the conferees need to better understand how this formal process is being implemented. Therefore, the conferees direct the Under Secretary of Defense for Acquisition, Technology, and Logistics, in consultation with the Director,

DLA, and the Deputy Chief of Staff of the Army (G-4) to provide a briefing to the congressional defense committees not later than 30 days after enactment of this Act on the formal processes being used to communicate the availability of surplus ammunition to other Federal Government agencies.

*Increase in funding for National Guard counter-drug programs*

The House bill contained a provision (sec. 348) that would increase the amount to be authorized to be appropriated to support the National Guard counter-drug program by \$10 million.

The Senate amendment contained no similar provision.

The House recedes.

*Facilities demolition plan of the Army*

The Senate amendment contained a provision (sec. 5303) that would require the Secretary of the Army to submit a facilities demolition plan.

The House bill contained no similar provision.

The Senate recedes.

The conferees note the importance of taking into account contamination when demolishing facilities on military property. The conferees direct the Secretary of the Army to submit a facilities demolition plan for the Army to the congressional defense committees no later than 120 days after the enactment of this Act. The plan should:

(1) Take into account the impact of a contaminated facility on mission readiness, and national security generally, in establishing priorities for the demolition of facilities; and

(2) Set forth a multi-year plan for the demolition of Army facilities, including contaminated facilities afforded a priority for demolition pursuant to the previous point.

*Funding for environmental restoration, Navy*

The Senate amendment contained a provision (sec. 14001) that would increase funding for Environmental Restoration, Navy.

The House bill contained no similar provision.

The Senate recedes.

*Additional funding table matters*

The Senate amendment contained a provision (sec. 14002) that would increase funding for Operation and Maintenance, Navy Reserve, Sustainment, Restoration, and Modernization, and

Operation and Maintenance, Air National Guard, Facilities Sustainment, Restoration and Modernization.

The House bill contained no similar provision.

The Senate recesses.

The conferees direct that not later than December 31, 2017 the Secretary of Defense shall submit to the congressional defense committees a report setting forth a description of the manner in which the Secretary will allocate funds which shall be used by the Air Force and the National Guard to take actions to mitigate identified sources of polyfluoroalkyl substances at sites as a result of surveys conducted by the Armed Forces so as to restore public confidence in potable water which may be affected in such sites.

*Funding for environmental restoration, Air Force*

The Senate amendment contained a provision (sec. 14009) that would increase funding for Environmental Restoration, Air Force.

The House bill contained no similar provision.

The Senate recesses.

## **TITLE IV—MILITARY PERSONNEL AUTHORIZATIONS**

### **SUBTITLE A—ACTIVE FORCES**

*End strengths for active forces (sec. 401)*

The House bill contained a provision (sec. 401) that would authorize active-duty end strengths for fiscal year 2018 as follows: Army 486,000; Navy 327,900; Marine Corps 185,000; Air Force 325,100.

The Senate amendment contained a provision (sec. 401) that would authorize active-duty end strengths for fiscal year 2018 as follows: Army 481,000; Navy 327,900; Marine Corps 186,000; Air Force 325,100.

The Senate recesses with an amendment that would authorize active-duty end strengths for fiscal year 2018 as follows: Army 483,500; Navy 327,900; Marine Corps 186,000; Air Force 325,100.

*Revisions in permanent active duty end strength minimum levels (sec. 402)*

The House bill contained a provision (sec. 402) that would establish new minimum active-duty end strengths for the Army, Navy, Marine Corps, and Air Force as of September 30, 2018.

The Senate amendment contained no similar provision.  
The Senate recesses.

The conferees note that the Department of Defense is expected to use its variance authority to go below the authorized end strength in the event that quality standards cannot be met through appropriate recruiting and retention methods with the increase in end strength authorized, which is to be interpreted as a ceiling, not a floor.

## **SUBTITLE B—RESERVE FORCES**

### *End strengths for Selected Reserve (sec. 411)*

The House bill contained a provision (sec. 411) that would authorize the following end strengths for Selected Reserve personnel of the Armed Forces as of September 30, 2018: the Army National Guard, 347,000; the Army Reserve, 202,000; the Navy Reserve, 59,000; the Marine Corps Reserve, 38,500; the Air National Guard of the United States, 106,600; the Air Force Reserve, 69,800; and the Coast Guard Reserve, 7,000.

The Senate amendment contained a provision (sec. 411) that would authorize the following end strengths for Selected Reserve personnel of the Armed Forces as of September 30, 2018: the Army National Guard, 343,500; the Army Reserve, 199,500; the Navy Reserve, 59,000; the Marine Corps Reserve, 38,500; the Air National Guard of the United States, 106,600; the Air Force Reserve, 69,800; and the Coast Guard Reserve, 7,000.

The House recesses.

### *End strengths for Reserves on active duty in support of the reserves (sec. 412)*

The House bill contained a provision (sec. 412) that would authorize the following end strengths for Reserves on Active Duty in support of the reserve components as of September 30, 2018: the Army National Guard of the United States, 30,155; the Army Reserve, 16,261; The Navy Reserve, 10,101; the Marine Corps Reserve, 2,261; the Air National Guard of the United States, 16,260; and the Air Force Reserve, 3,588.

The Senate amendment contained an identical provision (sec. 412).

The conference agreement includes this provision.

*End strengths for military technicians (dual status) (sec. 413)*

The House bill contained a provision (sec. 413) that would authorize the following end strengths for military technicians (dual status) as of September 30, 2018: the Army National Guard of the United States, 25,507; the Army Reserve, 7,427; the Air National Guard of the United States, 21,893; and the Air Force Reserve, 10,160.

The Senate amendment contained a provision (sec. 413) that would authorize the following end strengths for military technicians (dual status) as of September 30, 2018: the Army National Guard of the United States, 22,294; the Army Reserve, 6,492; the Air National Guard of the United States, 19,135; and the Air Force Reserve, 8,880. These figures reflect the conversion of 12.6 percent of dual status technicians to title 5 civilian employees required elsewhere in this bill.

The House recesses.

The conferees note that the number of personnel available for full-time support of the reserve components of the Army and the Air Force through the combination of military technicians (dual status) and those technicians converted to civilian employees under section 3101 of title 5, United States Code, or section 1601 of title 10, United States Code, is no less than it would be absent the conversion. Further, the conferees have not reduced either the overall Selected Reserve end strength or budgetary authority for civilian personnel relative to this conversion. The conferees expect the Department of Defense to utilize its variance authority to allocate the 12.6 percent conversion appropriately across the components.

*Fiscal Year 2018 limitation on number of non-dual status technicians (sec. 414)*

The House bill contained a provision (sec. 414) that would authorize the following personnel limits for the reserve components of the Army and Air Force for non-dual status technicians as of September 30, 2018: the Army National Guard of the United States, 1,600; the Air National Guard of the United States, 350; the Army Reserve, 420; and the Air Force Reserve, 90.

The Senate amendment contained a provision (sec. 414) that would authorize the following personnel limits for the reserve components of the Army and Air Force for non-dual status technicians as of September 30, 2018: the Army National Guard of the United States, 0; the Air National Guard of the United States, 0; the Army Reserve, 0; and the Air Force Reserve, 0.

The House recesses.

*Maximum number of reserve personnel authorized to be on active duty for operational support (sec. 415)*

The House bill contained a provision (sec. 415) that would authorize the maximum number of reserve component personnel who may be on Active Duty or full-time National Guard duty under section 115(b) of title 10, United States Code, during fiscal year 2018 to provide operational support.

The Senate amendment contained an identical provision (sec. 415).

The conference agreement includes this provision.

*Number of members of the National Guard on full-time duty in support of the reserves within the National Guard Bureau (sec. 416)*

The Senate amendment contained a provision (sec. 416) that would limit the number of personnel authorized to be on full-time duty in support of the reserves within the National Guard Bureau to not exceed the number equal to six percent of the number authorized by section 412 of this Act.

The House bill contained no similar provision

The House recedes with an amendment that would set separate requirements for the Air National Guard and the Army National Guard.

## **SUBTITLE C—AUTHORIZATION OF APPROPRIATIONS**

*Military personnel (sec. 421)*

The House bill contained a provision (sec. 421) that would authorize appropriations for military personnel at the levels identified in the funding table in section 4401 of this Act.

The Senate amendment contained an identical provision (sec. 421).

The conference agreement includes this provision.

## **TITLE V—MILITARY PERSONNEL POLICY**

### **SUBTITLE A—OFFICER PERSONNEL POLICY**

*Modification of deadline for submittal by officers of written communications to promotion selection boards on matters of importance to their selection (sec. 501)*



The Senate amendment contained a provision (sec. 5504) that would modify the deadline for submittal by officers of written communications to promotion selection boards on matters of importance to their selection.

The House bill contained no similar provision.

The House recesses with a clarifying amendment.

*Clarification to exception for removal of officers from list of officers recommended for promotion after 18 months without appointment (sec. 502)*

The Senate amendment contained a provision (sec. 503) that would amend section 629 of title 10, United States Code, to clarify that the requirement to remove officers from a list of officers recommended for promotion after 18 months without appointment does not apply when the military department concerned is not able to obtain and provide to the Senate the information the Senate requires to give its advice and consent to the appointment concerned because that information is under the control of a department or agency of the Federal Government other than the Department of Defense.

The House bill contained no similar provision.

The House recesses.

*Modification of requirement for specification of number of officers who may be recommended for early retirement by a Selective Early Retirement Board (sec. 503)*

The Senate amendment contained a provision (sec. 505) that would amend section 638a of title 10, United States Code, to repeal the requirement that service secretaries specify the number of officers who may be recommended for early retirement.

The House bill contained no similar provision.

The House recesses with an amendment that would limit the number of officers who may be recommended for early retirement to not more than 30 percent of the number of officers considered in each grade in each competitive category.

*Extension of service-in-grade waiver authority for voluntary retirement of certain general and flag officers for purposes of enhanced flexibility in officer personnel management (sec. 504)*

The Senate amendment contained a provision (sec. 506) that would amend section 1370 of title 10, United States Code, to extend to 2025 the authority to waive the time-in-grade requirement for certain general and flag officers for voluntary early retirement without reduction in grade of up to 10 percent

of the authorized Active-Duty strength for officers in those grades for purposes of enhanced flexibility in officer personnel management.

The House bill contained no similar provision.

The House recesses.

*Inclusion of Principal Military Deputy to the Assistant Secretary of the Army for Acquisition, Technology, and Logistics among officers subject to repeal of statutory specification of general officer grade (sec. 505)*

The Senate amendment contained a provision (sec. 507) that would amend section 3016 of title 10, United States Code, to remove the requirement that the Principal Military Deputy to the Assistant Secretary of the Army for Acquisition, Technology, and Logistics shall be a lieutenant general.

The House bill contained no similar provision.

The House recesses.

*Clarification of effect of repeal of statutory specification of general or flag officer grade for various positions in the Armed Forces (sec. 506)*

The Senate amendment contained a provision (sec. 508) that would amend section 502 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to clarify that the grade of an officer serving as of the date of the enactment of that Act in a position whose statutory grade is affected by an amendment made by section 502 may not be reduced after that date by reason of such amendment as long as the officer remains in continuous service in such position after that date. The Senate amendment also contained a provision that would amend section 3084 of title 10, United States Code, to repeal the requirement that an officer appointed as Chief of the Veterinary Corps of the Army who holds a lower grade shall be appointed in the grade of brigadier general.

The House bill contained no similar provision.

The House recesses with a technical amendment.

*Standardization of authorities in connection with repeal of statutory specification of general officer grade for the Dean of the Academic Board of the United States Military Academy and the Dean of the Faculty of the United States Air Force Academy (sec. 507)*

The Senate amendment contained a provision (sec. 5505) that would repeal the statutory requirement that a general

officer serve as the Dean of the Academic Board of the United States Military Academy and the Dean of the Faculty of the United States Air Force Academy.

The House bill contained no similar provision.

The House recesses with a technical amendment.

*Flexibility in promotion of officers to positions of Staff Judge Advocate to the Commandant of the Marine Corps and Deputy Judge Advocate General of the Navy or Air Force (sec. 508)*

The Senate amendment contained a provision (sec. 504) that would amend sections 5046 and 5149 of title 10, United States Code, to retain prior flexibility in the promotion of officers to positions of Staff Judge Advocate to the Commandant of the Marine Corps and Deputy Judge Advocate General of the Navy.

The Senate amendment also contained a provision (sec. 10501) that would amend section 8037 of title 10, United States Code, to retain prior flexibility in the promotion of officers to the position of Deputy Judge Advocate General of the Air Force.

The House bill contained no similar provisions.

The House recesses with an amendment that would combine these provisions.

*Grandfathering of retired grade of Assistant Judge Advocates General of the Navy as of repeal of statutory specification of general and flag officers grades in the Armed Forces (sec. 509)*

The Senate amendment contained a provision (sec. 509) that would clarify that officers holding certain positions as of December 23, 2016, whose statutory grade is affected by amendments made by section 502 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) may be retired in such grade with the retired pay of such grade, unless entitled to higher pay under another provision of law.

The House bill contained no similar provision.

The House recesses with technical and clarifying amendments.

## **SUBTITLE B—RESERVE COMPONENT MANAGEMENT**

*Equal treatment of orders to serve on active duty under section 12304a and 12304b of title 10, United States Code (sec. 511)*

The House bill contained a provision (sec. 503) that would amend sections 1074(d)(2) and 1145(a) of title 10, United States

Code, to authorize Reserve Component members activated under the authority provided by either section 12304a or 12304b of title 10, United States Code, to receive pre-mobilization and transitional TRICARE health care.

The Senate amendment contained a similar provision (sec. 10702).

The Senate recesses.

*Service credit for cyberspace experience or advanced education upon original appointment as a commissioned officer (sec. 512)*

The Senate amendment contained a provision (sec. 510) that would amend section 12207 of title 10, United States Code, to authorize service secretaries to credit any person receiving an original appointment as a reserve commissioned officer with a period of constructive service. Constructive service would be credited to an individual for special experience or training in a particular cyberspace-related field or for any period of advanced education in a cyberspace-related field beyond the baccalaureate degree level. Constructive service credit cannot exceed one year for each year of special experience, training, or advanced education, and not more than three years total constructive service may be credited. This authority is intended to allow the Defense Department to better recruit individuals with cyberspace-related skills into vacant critical cyberspace positions.

The House bill contained no similar provision.

The House recesses.

*Consolidation of authorities to order members of the reserve components of the Armed Forces to perform duty (sec. 513)*

The Senate amendment contained a provision (sec. 511) that would amend section 515 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) to require the Secretary of Defense to submit to the Committees on Armed Services of the Senate and the House of Representatives by April 30, 2019, legislative proposals designed to implement alternative approaches to reducing the number of statutory authorities by which members of the reserve components of the Armed Forces may be ordered to perform duty to not more than eight statutory authorities grouped into four duty categories to which specific pay and benefits may be aligned.

The House bill contained no similar provision.

The House recesses.

*Pilot program on use of retired senior enlisted members of the Army National Guard as Army National Guard recruiters (sec. 514)*

The House bill contained a provision (sec. 502) that would authorize the Secretary of the Army to carry out a pilot program under which retired senior enlisted members of the Army National Guard would serve as contract recruiters for the Army National Guard.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would require the use of National Guard Bureau funds to carry out the pilot program.

## **SUBTITLE C—GENERAL SERVICE AUTHORITIES**

### **PART I—MATTERS RELATING TO DISCHARGE AND CORRECTION OF MILITARY RECORDS**

*Consideration of additional medical evidence by boards for the correction of military records and liberal consideration of evidence relating to post-traumatic stress disorder or traumatic brain injury (sec. 520)*

The House bill contained a provision (sec. 511) that would amend section 1552 of title 10, United States Code, to require Boards for the Correction of Military Records to review medical evidence of the Secretary of Veterans Affairs and civilian healthcare providers in cases in which the claim is based on matters relating to post-traumatic stress disorder (PTSD) or traumatic brain injury (TBI) that is related to combat or military sexual trauma. The provision would also require the Boards to review the claim with liberal consideration to the claimant that PTSD or TBI potentially contributed to the circumstances resulting in the discharge or dismissal or to the original characterization of the claimant's discharge or dismissal.

The Senate amendment contained no similar provision.

The Senate recesses.

*Public availability of information related to disposition of claims regarding discharge or release of members of the Armed Forces when the claims involve sexual assault (sec. 521)*

The House bill contained a provision (sec. 512) that would amend sections 1552 and 1553 of title 10, United States Code, to

require boards for the correction of military records and discharge review boards to make publicly available on an internet website the number and disposition of decided claims in which sexual assault is alleged to have contributed in whole or in part to the original characterization of a servicemember's discharge or release from the military.

The Senate amendment contained a similar provision (sec. 520).

The House recesses with technical and conforming amendments.

*Confidential review of characterization of terms of discharge of members who are victims of sex-related offenses (sec. 522)*

The House bill contained a provision (sec. 517) that would amend chapter 79 of title 10, United States Code, to establish a new section 1554b that would codify section 547 of the Carl Levin and Howard P. ``Buck'' McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291) that required service secretaries to establish a confidential process by which an individual who was the victim of a sex-related offense during military service may challenge, through boards for the correction of military records, the terms or characterization of the discharge or separation of the individual from the military on the grounds that the terms or characterization were adversely affected by the individual being the victim of such an offense.

The Senate amendment contained a similar provision (sec. 518).

The Senate recesses with technical amendments.

*Training requirements for members of boards for the correction of military records and personnel who investigate claims of retaliation (sec. 523)*

The House bill contained a provision (sec. 516) that would require certain training for members of boards for the correction of military records and Department of Defense personnel who investigate claims of retaliation.

The Senate amendment contained no similar provision.

The Senate recesses with technical amendments.

*Pilot program on use of video teleconferencing technology by boards for the correction of military records and discharge review boards (sec. 524)*

The House bill contained a provision (sec. 513) that would authorize the Secretary of Defense to conduct a pilot program on the use of video teleconferencing technology by service boards for the correction of military records and service discharge review boards so that, when authorized, claimants and certain other individuals may appear before the boards without being physically present.

The Senate amendment contained a provision (sec. 519) that would amend section 1553 of title 10, United States Code, to repeal the 15-year statute of limitations on filing claims for review of a discharge or dismissal by service discharge review boards. The provision would also authorize presentation of evidence to these boards by telephone or video conference, to the extent reasonable and technically feasible.

The Senate recedes with an amendment that would clarify that video teleconferencing technology may be used to the extent such technology is reasonably available and technically feasible.

The conferees note that claims that are barred by the 15-year statute of limitations that applies to actions by service discharge review boards can be presented to service boards for the correction of military records, which routinely review such claims.

## **PART II—OTHER GENERAL SERVICE AUTHORITIES**

### *Modification of basis for extension of period for enlistment in the Armed Forces under the Delayed Entry Program (sec. 526)*

The Senate amendment contained a provision (sec. 520A) that would authorize a service secretary to extend the period of extension under the Department of Defense's Delayed Entry Program for certain individuals who enlist under section 504(b)(2) of title 10, United States Code, by up to an additional 365 days if the secretary determines that the period of extension is required for the performance of adequate background and security reviews of that person.

The House bill contained no similar provision.

The House recedes with an amendment that would impose additional requirements on the use of this authority and mandate that the authority expire one year after the enactment of this Act.

### *Reauthorization of authority to order retired members to active duty in high-demand, low-density assignments (sec. 527)*

The Senate amendment contained a provision (sec. 510B) that would amend section 688a of title 10, United States Code, to authorize service secretaries to order retired military service members to active duty on a voluntary basis to meet critical manning needs. The period of active duty would be in accordance with an agreement between the member and the Secretary concerned. Activation under this authority is limited to 1,000 members. The authority to use section 688a of title 10, United States Code, expired on December 31, 2011. This authority would be reinstated for a 5-year period and would expire on December 31, 2022.

The House bill contained no similar provision.

The House recesses.

*Notification of members of the Armed Forces undergoing certain administrative separations of potential eligibility for veterans benefits (sec. 528)*

The House bill contained a provision (sec. 529) that would require servicemembers who receive an administrative separation or mandatory discharge under conditions other than honorable be provided written notification that the member may petition the Department of Veterans Affairs, despite the characterization of service, to receive certain benefits under the laws administered by the Secretary of Veterans Affairs.

The Senate amendment contained no similar provision.

The Senate recesses.

*Extension of authority of the Secretary of Veterans Affairs to provide for the conduct of medical disability examinations by contract physicians (sec. 529)*

The House bill contained a provision (sec. 576) that would amend section 704(c) of the Veterans Benefit Act of 2003 (Public Law 108-183) to extend the authority of the Secretary of Veterans Affairs to provide for the conduct of medical disability examinations by contract physicians until December 31, 2018.

The Senate amendment contained no similar provision.

The Senate recesses.

*Provision of information on naturalization through military service (sec. 530)*

The House bill contained a provision (sec. 515) that would require the Secretary of Defense to ensure that members of the



Army, Navy, Air Force, and Marine Corps who are lawful permanent residents are informed of the availability of and process for naturalization through service in the Armed Forces, and that resources are available to assist qualified members.

The Senate amendment contained no similar provision.

The Senate recesses.

## **SUBTITLE D—MILITARY JUSTICE AND OTHER LEGAL ISSUES**

*Clarifying amendments related to the Uniform Code of Military Justice reform by the Military Justice Act of 2016 (sec. 531)*

The House bill contained a provision (sec. 521) that would make clarifying amendments to the Uniform Code of Military Justice, including clarifying that petitions for writs of mandamus by victims have priority in both the Court of Criminal Appeals and the Court of Appeals for the Armed Forces; expanding the pre-referral matters that a military judge may consider to include appointment of a certain individual to assume the rights of certain victims and pre-referral matters related to a petition for a writ of mandamus by a victim; clarifying that the President may establish the types of sentences that require automatic reduction in enlisted rank; and extending the due date of the Military Justice Review Panel's assessment on sentencing data from 2020 to 2021.

The Senate amendment contained a provision (sec. 522) that would make technical and conforming amendments in connection with the reform of the Uniform Code of Military Justice contained in division E of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The Senate amendment contained a provision (sec. 523) that would amend section 806b of title 10, United States Code (article 6b(e)(3) of the Uniform Code of Military Justice), to prioritize the review of a decision on a petition for a writ of mandamus in the Court of Appeals for the Armed Forces, as determined under the rules of the Court of Appeals for the Armed Forces.

The Senate amendment contained a provision (sec. 524) that would amend section 838 of title 10, United States Code (article 38 of the Uniform Code of Military Justice), to clarify that in any court-martial proceeding resulting in a conviction, the defense counsel may assist the accused in the submission of any matter under section 860, 860a, or 860b of title 10 (article 60, 60a, or 60b of the Uniform Code of Military Justice).

The Senate amendment contained a provision (sec. 525) that would amend section 853a of title 10, United States Code (article 53a of the Uniform Code of Military Justice), as added by section 5237 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), to enumerate additional limitations on the acceptance of plea agreements by military judges of general or special courts-martial.

The Senate amendment contained a provision (sec. 526) that would amend section 866 of title 10, United States Code (article 66 of the Uniform Code of Military Justice), as amended by section 5330 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), to require the Court of Criminal Appeals to order a hearing or other proceeding if the Court of Appeals for the Armed Forces determines that additional proceedings are warranted.

The Senate amendment contained a provision (sec. 527) that would clarify the applicability and effective dates for statute of limitations amendments in connection with the reform of the Uniform Code of Military Justice contained in division E of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The Senate amendment contained a provision (sec. 528) that would amend section 946 of title 10, United States Code (article 146 of the Uniform Code of Military Justice), as amended by section 5521 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), to modify the year of initial review by the Military Justice Review Panel of Uniform Code of Military Justice reform amendments.

The Senate amendment contained a provision (sec. 531) that would amend section 806b of title 10, United States Code, to authorize the Court of Appeals for the Armed Forces to review for legal error a grant or denial of a petition for a writ of mandamus by a service Court of Criminal Appeals.

The Senate recedes with technical and clarifying amendments.

*Enhancement of effective prosecution and defense in courts-martial and related matters (sec. 532)*

The Senate amendment contained a provision (sec. 530) that would amend section 542 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to include an additional element in the program for effective prosecution and defense in courts-martial. The provision would authorize assignment of certain civilian employees to supervise less experienced judge advocates. The provision would also require

service secretaries to assess the feasibility of a military justice career track for judge advocates that leads to judge advocates with military justice expertise in the grade of colonel, or Navy captain. This pilot program would also include the use of skill identifiers to identify judge advocates for the program and guidance for promotion boards to ensure that judge advocates in the program have the same opportunity for promotion as other judge advocates being considered by such boards.

The House bill contained no similar provision.

The House recesses with an amendment that would authorize service secretaries to use highly qualified experts and other civilian employees to advise less experienced judge advocates in prosecution and defense.

*Punitive article under the Uniform Code of Military Justice on wrongful broadcast or distribution of intimate visual images or visual images of sexually explicit conduct (sec. 533)*

The House bill contained a provision (sec. 523) that would amend subchapter X of chapter 47 of title 10, United States Code, to establish a new punitive article in the Uniform Code of Military Justice that would prohibit the wrongful broadcast or distribution of intimate visual images of a private area of another person.

The Senate amendment contained a similar provision (sec. 532) that would prohibit the wrongful broadcast or distribution of both intimate visual images of a private area of another person and visual images of sexually explicit conduct involving a person.

The House recesses with an amendment that would add an element to the punitive article requiring that the conduct, under the circumstances, had a reasonably direct and palpable connection to a military mission or military environment and would modify the definition of "reasonable expectation of privacy."

*Garnishment to satisfy judgment rendered for physically, sexually, or emotionally abusing a child (sec. 534)*

The House bill contained a provision (sec. 526) that would amend section 1408 of title 10, United States Code, to authorize the garnishment of service member retired pay to satisfy a judgement rendered for physically, sexually, or emotionally abusing a child.

The Senate amendment contained a similar provision (sec. 10602).

The House recesses.

*Sexual assault prevention and response training for all individuals enlisted in the Armed Forces under a delayed entry program (sec. 535)*

The Senate amendment contained a provision (sec. 548) that would require service secretaries, insofar as practicable, to provide training on sexual assault prevention and response to enlistees in a delayed entry program before they begin basic training or initial active duty for training in the Armed Forces.

The House bill contained no similar provision.

The House recedes with a technical amendment and an amendment that would require the service secretaries to commence providing the required training on sexual assault prevention and response not later than 180 days after the enactment of this Act.

*Special Victims' Counsel training regarding the unique challenges often faced by male victims of sexual assault (sec. 536)*

The House bill contained a provision (sec. 525) that would require that baseline Special Victims' Counsel training include training for Special Victims' Counsel to recognize and deal with the unique challenges often faced by male victims of sexual assault.

The Senate amendment contained no similar provision.

The Senate recedes.

*Inclusion of information in annual SAPRO reports regarding military sexual harassment and incidents involving nonconsensual distribution of private sexual images (sec. 537)*

The House bill contained a provision (sec. 527) that would amend section 1631(b) of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111-383) to require inclusion of information on reports of sexual harassment and incidents involving nonconsensual distribution of private sexual images involving members of the Armed Forces in the annual Department of Defense Sexual Assault Prevention and Response Office (SAPRO) report.

The Senate amendment contained no similar provision.

The Senate recedes with amendments that would clarify the type of sexual harassment reports to be included in the annual SAPRO reports and revise the date of application of the additional reporting requirements to March 1, 2020 to account

for when the relevant data will be available for inclusion in the annual SAPRO reports.

*Inclusion of information in annual SAPRO reports regarding sexual assaults committed by a member of the Armed Forces against the member's spouse or other family member (sec. 538)*

The House bill contained a provision (sec. 528) that would require inclusion of information regarding sexual assaults committed by servicemembers against their spouse, intimate partner, or other dependent in the annual Department of Defense Sexual Assault Prevention and Response Office (SAPRO) report required by section 1631 of the Ike Skelton National Defense Authorization Act for Fiscal Year 2011 (Public Law 111-383).

The Senate amendment contained no similar provision.

The Senate recedes with amendments that would allow the additional information to be included as an annex to the annual SAPRO reports and revise the date by which the additional information must be included in such reports to March 1, 2019 to account for when the relevant data will be available for inclusion.

## **SUBTITLE E—MEMBER EDUCATION, TRAINING, RESILIENCE, AND TRANSITION**

*Element in preseparation counseling for members of the Armed Forces on assistance and support services for caregivers of certain veterans through the Department of Veterans Affairs (sec. 541)*

The Senate amendment contained a provision (sec. 542) that would amend section 1142(b) of title 10, United States Code, to include an element in servicemembers' preseparation counseling describing the assistance and support services for family caregivers of eligible veterans under the program conducted by the Secretary of Veterans Affairs pursuant to section 1720G of title 38, United States Code. Additionally, the provision would require the service secretaries, within 180 days of the date of the enactment of this Act, to permit a caregiver, at the election of the servicemember who may require caregiver services, to participate in appropriate sessions of the servicemember's preseparation counseling to become informed of assistance and support services available to caregivers and to understand better how the servicemember's transition to civilian life may impact the caregiver.

The House bill contained no similar provision.

The House recesses.

*Improved employment assistance for members of the Army, Navy, Air Force, and Marine Corps and veterans (sec. 542)*

The House bill contained a provision (sec. 619) that would amend section 1143 of title 10, United States Code, to require the Secretary of Defense and the Secretary of Homeland Security with respect to the Coast Guard to establish a database to record all training performed by members of the Armed Forces that may have application in the civilian sector; to improve the accuracy of the certification of training and skills provided by the secretaries; and to improve the timeliness of requests for certification of members' civilian job skills.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would limit the authority to members of the Army, Navy, Air Force, Marine Corps, and veterans.

*Limitation on release of military service academy graduates to participate in professional athletics (sec. 543)*

The House bill contained a provision (sec. 541) that would amend sections 4348(a), 6959(a), and 9348(a) of title 10, United States Code, to prohibit military service academy graduates from seeking release from their commissioned service obligations to pursue a career as a professional athlete.

The Senate amendment contained a provision that would amend section 4348(a), section 6959(a), and section 9348(a) of title 10, United States Code, to authorize a graduate of a military service academy who is selected to participate in professional athletics to accept an appointment as a commissioned officer as a member of the Selected Reserve until completion of the commissioned service obligation.

The Senate recesses with an amendment that would amend sections 4348(a), 6959(a), and 9348(a) of title 10, United States Code, to prohibit military service academy graduates from seeking release from their commissioned service obligations to pursue a career as a professional athlete until the completion of at least two consecutive years of commissioned service.

*Two-year extension of suicide prevention and resilience program for the National Guard and Reserves (sec. 544)*

The House bill contained a provision (sec. 544) that would amend section 10219(g) of title 10, United States Code, to extend the authority for suicide prevention and resilience

programs for the National Guard and Reserves until October 1, 2019.

The Senate amendment contained a provision (sec. 547) that would amend section 10219(g) of title 10, United States Code, to extend the authority for suicide prevention and resilience programs for the National Guard and Reserves until October 1, 2020.

The House recesses.

*Annual certifications related to Ready, Relevant Learning Initiative of the Navy (sec. 545)*

The Senate amendment contained a provision (sec. 541) that would require the Secretary of the Navy to submit to the Committees on Armed Services of the Senate and House of Representatives an annual certification regarding the Navy's Ready Relevant Learning (RRL) initiative.

The House bill contained no similar provision.

The House recesses with a clarifying amendment.

The conferees view Navy's RRL initiative as a fundamental transformation in training, based on more than 87 percent of Navy enlisted ratings being affected and more than \$1.0 billion taken from traditional training billets to fund developmental software-based training applications. Accordingly, the conferees believe continued close oversight of RRL and similar initiatives is warranted to ensure training standards and proficiency are maintained.

*Authority to expand eligibility for the United States Military Apprenticeship Program (sec. 546)*

The House bill contained a provision (sec. 547) that would require the Secretary of Defense, within 180 days after the date of the enactment of this Act, to expand eligibility for the United States Military Apprenticeship Program to include any member of the uniformed services.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would give discretionary authority to the Secretary of Defense to expand eligibility for the United States Military Apprenticeship Program to include any member of the uniformed services.

*Limitation on availability of funds for attendance of Air Force enlisted personnel at Air Force officer professional military education in-residence courses (sec. 547)*

The Senate amendment contained a provision (sec. 545) that would prohibit the obligation or expenditure of funds for the purpose of Air Force enlisted personnel attending Air Force officer professional military education courses until the later of: (1) The date on which the Secretary of the Air Force submits to the Committees on Armed Services of the Senate and the House of Representatives, and to the Comptroller General of the United States, a report on the attendance of such personnel at such courses; (2) The date on which the Comptroller General of the United States submits to such committees a report setting forth an assessment of such report; or (3) 180 days after the date of the enactment of this Act.

The House bill contained no similar provision.

The House recesses.

*Lieutenant Henry Ossian Flipper Leadership Scholarships (sec. 548)*

The House bill contained a provision (sec. 543) that would require the Secretary of the Army to carry out a program to provide assistance to a person who is pursuing a recognized post-secondary credential at a minority-serving institution. An individual receiving financial assistance under this provision would be required to enter into a service agreement with the Secretary for an obligated period of military service.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would require the Secretary of the Army to designate a number of scholarships available to students at minority-serving institutions under the Army Senior Reserve Officers' Training Corps (SROTC) as "Lieutenant Henry Ossian Flipper Leadership Scholarships." The provision would authorize the Secretary to increase the amount of any scholarship in excess of the amount of the SROTC program scholarship offered at the minority-serving institution if the Secretary considers it appropriate for the purpose of the scholarship.

*Pilot programs on appointment in the excepted service in the Department of Defense of physically disqualified former cadets and midshipmen (sec. 549)*

The Senate amendment contained a provision (sec. 544) that would authorize the secretary of each military department to carry out a pilot program for the purpose of evaluating the feasibility and advisability of allowing eligible individuals who cannot accept a commission or complete a period of Active Duty due to physical disqualification to fulfill an Active Duty



service obligation through service as Department of Defense civilian employees in the excepted service. This pilot authority would sunset 4 years after the date of enactment of this Act.

The House bill contained no similar provision.

The House recedes with an amendment that adds a reporting requirement for each Secretary of a military department to submit to the appropriate congressional committees a report containing an evaluation of the effectiveness of the pilot program conducted by such Secretary three years after the date of enactment of this Act. The report shall include the number of eligible individuals appointed as civilian employees of the Department of Defense under the program and the retention rate for such employees.

## **SUBTITLE F—DEFENSE DEPENDENTS' EDUCATION AND MILITARY FAMILY READINESS MATTERS**

### **PART I—DEFENSE DEPENDENTS' EDUCATION MATTERS**

*Assistance to schools with military dependent students (sec. 551)*

The House bill contained a provision (sec. 551) that would authorize \$50.0 million in Operation and Maintenance, Defense-wide, for continuation of the Department of Defense (DOD) assistance program to local educational agencies impacted by enrollment of dependent children of military members and DOD civilian employees.

The Senate amendment contained a provision (sec. 552) that would authorize \$25.0 million in Operation and Maintenance, Defense-wide, for continuation of the DOD assistance program to local educational agencies impacted by enrollment of dependent children of military members and DOD civilian employees.

The Senate amendment also contained a provision (sec. 551) that would authorize \$10.0 million in Operation and Maintenance, Defense-wide, for impact aid payments for children with disabilities (as enacted by Public Law 106-398; 114 Stat. 1654A-77; 20 U.S.C. 7703a) using the formula set forth in section 363 of the Floyd D. Spence National Defense Authorization Act for Fiscal Year 2001 (Public Law 106-398). Subsection (b) of that provision would allow the Secretary of Defense to use \$5.0 million, of the total amount authorized, for payments to local educational agencies with higher concentrations of military children with severe disabilities, at his discretion and without

regard to the formula set forth in section 363 of the Floyd D. Spence National Defense Authorization Act for Fiscal Year 2001 (Public Law 106-398).

The House recedes with an amendment that would authorize \$40.0 million in supplemental impact aid and \$10.0 million for impact aid for children with severe disabilities. The amendment would allow the Secretary of Defense, at his discretion, to use \$5.0 million, of the total amount authorized, for payments to local educational agencies with higher concentrations of military children with severe disabilities.

*Transitions of military dependent students from Department of Defense dependent schools to other schools and among schools of local educational agencies (sec. 552)*

The House bill contained a provision (sec. 555) that would amend section 574(c)(3) of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109-364 (20 U.S.C. 7703b note)), as amended by section 572 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat. 2141), to extend the authorities relating to transition and support of military dependent students to local educational agencies from September 30, 2017, to September 30, 2022.

The Senate amendment contained a provision (sec. 553) that would amend section 574(c)(3) of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109-364 (20 U.S.C. 7703b note)) to extend the authorities relating to transition and support of military dependent students to local educational agencies from September 30, 2017, to September 30, 2018.

The Senate recedes with an amendment that would provide permanent authority to the Department of Defense relating to transition and support of military dependent students to local educational agencies.

*Report on educational opportunities in science, technology, engineering, and mathematics for children who are dependents of members of the Armed Forces (sec. 553)*

The Senate amendment contained a provision (sec. 5508) that would require the Secretary of Defense to issue guidance to the Armed Forces, not later than 1 year after the date of the enactment of this Act, to ensure: (1) Placement of a priority on supporting early learning in science, technology, engineering, and mathematics (STEM) for children in Department of Defense

(DOD) schools and in schools serving large military child populations; and (2) Support for efforts that school staff serving military children have the training and skills to teach STEM subjects. The provision would also require the Secretary to submit a report to the congressional defense committees, not later than 2 years from the date of the enactment of this Act, that describes and assesses: (1) Progress towards improving educational opportunities and achievement in STEM subjects; and (2) Efforts to implement the guidance required under this provision.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary of Defense to submit, not later than 2 years after the date of the enactment of this Act, a report to the congressional defense committees containing a description and assessment of: (1) Current DOD programs to improve opportunities for STEM education for military children; and (2) Efforts to increase opportunities and achievement in STEM education for military children.

The conferees note that military children face unique challenges in educational achievement due to frequent changes of station and deployments of their parents. Investing in quality education opportunities for all military children ensures parents can stay focused on the mission, and this investment is an important element in a comprehensive strategy for ensuring a smart, skilled, and committed future national security workforce. Therefore, the conferees recommend that the Secretary of Defense develop and issue guidance to relevant organizations in DOD supporting early learning in STEM subjects for children, including those at DOD schools and local schools serving large military child populations, and support efforts to ensure that curriculum specialists, trainers, and teachers serving military children have the training and skills necessary to implement instruction in STEM subjects that provide the necessary foundation for future learning and educational achievement in such areas.

## **PART II—MILITARY FAMILY READINESS MATTERS**

*Codification of authority to conduct family support programs for immediate family members of members of the Armed Forces assigned to special operations forces (sec. 555)*

The House bill contained a provision (sec. 553) that would make permanent the authority provided by section 554 of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113-66), as modified by section 574(a) of the National

Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) by adding a new section to chapter 88 of title 10, United States Code. The section would provide the Commander, U.S. Special Operations Command the authority to conduct programs for immediate family members of members of the Armed Forces assigned to special operations forces.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the submission of an annual report on family support programs conducted pursuant to this authority.

*Reimbursement for State licensure and certification costs of a spouse of a member of the Armed Forces arising from relocation to another State (sec. 556)*

The House bill contained a provision (sec. 554) that would amend section 476 of title 37, United States Code, to permit the Secretary of a military department or the Secretary of Homeland Security to reimburse a member of the Armed Forces up to \$500 for a spouse's expenses related to obtaining licensing or certification in another State incident to a permanent change of station. This section would also require the Secretary of Defense and the Secretary of Homeland Security to work with States to improve the portability of licenses and certifications between States.

The Senate amendment contained a provision (sec. 561) that would direct the Secretary of Defense to submit a report to the Committees on Armed Services of the Senate and the House of Representatives on the feasibility and advisability of establishing and maintaining a joint federal-state clearinghouse and task force to process the professional license and credential information of military spouses and provides assistance and other resources for military spouses seeking to obtain professional licenses or credentials in other States.

The Senate recedes with an amendment that would place a five-year sunset on the House provision and require a report one year before the sunset of the authority.

*Temporary extension of extended period of protections for members of uniformed services relating to mortgages, mortgage foreclosure, and eviction (sec. 557)*

The Senate amendment contained a provision (sec. 14004) that would amend section 710(d) of the Honoring America's Veterans and Caring for Camp Lejeune Families Act of 2012 (Public Law 112-154) to extend by two years the protections for

members of the Uniformed Services relating to mortgages, mortgage foreclosure, and eviction contained therein.

The House bill contained no similar provision.

The House recesses.

*Enhancing military childcare programs and activities of the Department of Defense (sec. 558)*

The House bill contained a provision (sec. 556) that would require the Department of Defense to set and maintain the hours of operation of childcare development centers, as practicable, in a manner that considers the demands and circumstances of members of the Armed Forces, including members of the reserve component. The provision would also require the service secretaries to provide a childcare coordinator at each military installation under their jurisdiction where significant numbers of members of the Armed Forces with accompanying dependent children are stationed.

The Senate amendment contained a similar provision (sec. 562).

The Senate recesses with an amendment that would require the service secretaries to ensure the hours of operation of childcare development centers under their jurisdiction are established and maintained in a manner that considers the demands and circumstances of members of the Armed Forces, including members of the reserve component. The amendment would also authorize the service secretaries to provide for a childcare coordinator at each military installation under their jurisdiction where significant numbers of members of the Armed Forces with accompanying dependent children are stationed.

*Direct hire authority for Department of Defense for childcare services providers for Department child development centers (sec. 559)*

The Senate amendment contained a provision (sec. 557) that would provide the Secretary of Defense with direct hire authority to recruit and appoint qualified childcare services providers to positions within the Department of Defense Child Development Centers. The Secretary shall prescribe the regulations required and commence implementation of such direct hire authority no later than May 1, 2018.

The House bill contained no similar provision.

The House recesses with an amendment that requires the Department of Defense to certify that there is a critical hiring need, sets a sunset date of September 30, 2021, and directs the Secretary of Defense to brief the Committees on Armed Services

of the Senate and the House of Representatives, the Committee on Oversight and Government Reform of the House of Representatives, and the Committee on Homeland Security and Government Affairs of the Senate no later than December 31, 2019 and 2021, on the use of this authority and any modifications necessary to overcome perennial staffing shortages in the Department's child development centers.

*Pilot program on public-private partnerships for telework facilities for military spouses on military installations outside the United States (sec. 560)*

The Senate amendment contained a provision (sec. 560) that would require the Secretary of Defense to carry out a pilot program to assess the feasibility and advisability of providing telework facilities for military spouses on military installations outside the United States to the extent that space is available for such facilities. The provision would require the pilot program be conducted at no less than two military installations outside the United States selected by the Secretary for up to 3 years in duration, in consultation with the host nation. The pilot program would be conducted as one or more public-private partnerships between the Department of Defense and a private corporation or partnership of private corporations with up to \$1.0 million authorized to be available to carry out the program. Additionally, the pilot program would be required to comply with existing status of forces agreements with host nations or pursuant to appropriate modifications of such agreements.

The House bill contained no similar provision.

The House recesses.

## **SUBTITLE G—DECORATIONS AND AWARDS**

*Authorization for award of the Medal of Honor to Garlin M. Conner for acts of valor during World War II (sec. 561)*

The Senate amendment contained a provision (sec. 5507) that would authorize the President, notwithstanding the time limitations specified in section 3744 of title 10, United States Code, or any other time limitation with respect to awarding certain medals to members of the Armed Forces, to award the Medal of Honor under section 3741 of such title to Garlin M. Conner for acts of valor during World War II.

The House bill contained no similar provision.

The House recesses.

*Authorization for award of Distinguished-Service Cross to Specialist Frank M. Crary for acts of valor in Vietnam (sec. 562)*

The Senate amendment contained a provision (sec. 572) that would authorize the President to award the Distinguished-Service Cross to Specialist Frank M. Crary for acts of valor while serving in Vietnam with Company D, 1st Battalion (Airborne), 12th Cavalry Regiment, 1st Cavalry Division on April 7, 1966.

The House bill contained no similar provision.

The House recedes with a technical amendment.

## **SUBTITLE H—MISCELLANEOUS REPORTING REQUIREMENTS**

*Analysis and report on accompanied and unaccompanied tours of duty in remote locations with high family support costs (sec. 571)*

The Senate amendment contained a provision (sec. 582) that would require the Secretary of Defense to initiate a comprehensive review of the policies for determining which posts are accompanied, which are unaccompanied, and the extent to which the costs to the taxpayers and security risks to family members are considered.

The House bill contained no similar provision.

The House recedes with an amendment specifying further locations to be reviewed.

The conferees are concerned with the significant costs associated with maintaining accompanied tours at remote locations. The proposed new 52 family housing units on Kwajalein would cost over \$1.3 million each. The proposed \$250.0 million replacement hospital at Guantanamo Bay would cost \$50.0 million per bed. Costs for school construction and support are also significantly higher at these remote locations than they are in the United States, which is a primary reason why locations such as Diego Garcia are unaccompanied.

*Review and reports on policies for regular and reserve officer career management (sec. 572)*

The Senate amendment contained a provision (sec. 516) that required the Secretary of Defense to provide a report to the Committees on Armed Services of the Senate and the House of Representatives setting forth results of a review of the Defense

Officer Personnel Management Act and the Reserve Officer Personnel Management Act.

The House bill contained no similar provision.

The House recedes with an amendment that would expand the matters under review. The amendment would also require an initial report to the Committees on Armed Services of the Senate and the House of Representatives not later than March 1, 2018, and a final report to these committees not later than July 31, 2018.

*Review and report on effects of personnel requirements and limitations on the availability of members of the National Guard for the performance of funeral honors duty for veterans (sec. 573)*

The Senate amendment contained a provision (sec. 513) that would require the Secretary of Defense to review certain end-strength limitations on the number of National Guard that may be on Active Duty to determine whether those limits unduly affect the ability of the Armed Forces to meet the demand for personnel to perform funeral honors in connection with funerals for veterans. The provision would require the Secretary to report to the Committees on Armed Services of the Senate and House of Representatives on the results of this review within six months of the date of enactment of this Act.

The House bill contained no similar provision.

The House recedes.

*Review and report on authorities for the employment, use, and status of National Guard and Reserve technicians (sec. 574)*

The Senate amendment contained a provision (sec. 1067) that would require the Secretary of Defense, in consultation with the Chief of the National Guard Bureau, the Chief of the Army Reserve, the Chief of the Air Force Reserve, and representatives of National Guard and Reserve technicians to submit to the Committees on Armed Services of the Senate and House of Representatives by no later than April 1, 2018, a report assessing the adequacy of current authorities for the employment, use, and status of military technicians, to include recommendations for statutory change. The purpose of the report would be to define the mission and requirements of military technicians, identify means to improve their management and administration, and identify means to enhance the capability of the Department of Defense to recruit and retain technicians.

The House bill contained no similar provision.

The House recedes with a technical amendment.



*Assessment and report on expanding and contracting for childcare services of the Department of Defense (sec. 575)*

The Senate amendment contained a provision (sec. 558) that would require the Secretary of Defense to submit a report to the Committees on Armed Services of the Senate and the House of Representatives, not later than March 1, 2018, on the feasibility and advisability of the following: (1) Expanding the operating hours of childcare facilities of the Department of Defense in order to meet childcare services requirements for swing-shift, night-shift, and weekend workers; (2) Using contracts with private-sector childcare services providers to expand the availability of childcare services; (3) Contracting with private-sector childcare service providers to operate childcare facilities of the Department on military installations; and (4) Expanding childcare services to members of the National Guard and Reserves if such expansion does not substantially increase costs of childcare services for the military departments or conflict with others who have higher priority for space in childcare services programs.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary of Defense to conduct an assessment on expanding and contracting for childcare services of the Department and to submit a report, not later than September 1, 2018, to the Committees on Armed Services of the Senate and the House of Representatives containing the results of the assessment.

*Review and report on compensation provided childcare services providers of the Department of Defense (sec. 576)*

The Senate amendment contained a provision (sec. 559) that would require the Secretary of Defense to submit a report to the Committees on Armed Services of the Senate and the House of Representatives, not later than March 1, 2018, on a review of the General Schedule pay grades for childcare services provider positions within the Department of Defense.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary of Defense to conduct a review of the compensation provided childcare services providers within the Department, including General Schedule positions and positions occupied by non-appropriated fund instrumentality employees. The Secretary would submit a report containing the results of the review to the Committees on Armed Services of the Senate and the House of Representatives not later than September 1, 2018.

*Comptroller General of the United States assessment and report on the Office of Complex Investigations within the National Guard Bureau (sec. 577)*

The Senate amendment contained a provision (sec. 512) that would amend chapter 1101 of title 10, United States Code, to establish the Office of Complex Investigations within the National Guard Bureau under the authority, direction, and control of the Chief of the National Guard Bureau.

The House bill contained no similar provision.

The House recedes with an amendment that would require an assessment, no later than October 31, 2018, by the Comptroller General of the United States on the purpose, structure, and effectiveness of the Office of Complex Investigations within the National Guard Bureau.

*Modification of submittal date of Comptroller General of the United States report on integrity of the Department of Defense whistleblower program (sec. 578)*

The Senate amendment contained a provision (sec. 581) that would amend section 536 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to revise the due date for the report required of the Comptroller General of the United States in that section concerning the Department of Defense whistleblower program to December 31, 2018.

The House bill contained no similar provision.

The House recedes.

## **SUBTITLE I—OTHER MATTERS**

*Expansion of United States Air Force Institute of Technology enrollment authority to include civilian employees of the homeland security industry (sec. 581)*

The House bill contained a provision (sec. 571) that would amend section 9314a of title 10, United States Code, to authorize homeland security industry employees employed by a private firm in one of the critical infrastructure sectors identified in Presidential Policy Directive 21 to attend the United States Air Force Institute of Technology.

The Senate amendment contained no similar provision.

The Senate recedes.

*Conditional designation of Explosive Ordnance Disposal Corps as a basic branch of the Army (sec. 582)*

The House bill contained a provision (sec. 505) that would designate the Explosive Ordnance Disposal Corps as a basic branch of the Army.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would make the designation of the Explosive Ordnance Disposal Corps effective on October 1, 2020, but only if the Secretary of the Army fails to submit a report to the Committees on Armed Services of the Senate and the House of Representatives containing specified certifications by that date.

*Designation of office within Office of the Secretary of Defense to oversee use of food assistance programs by members of the Armed Forces on active duty (sec. 583)*

The Senate amendment contained a provision (sec. 5901) that would require the Secretary of Defense, not later than 90 days after the date of the enactment of this Act, to designate an office within the Office of the Secretary of Defense that would: (1) Oversee the Department's efforts to collect, analyze, and monitor use of food assistance programs by members of the Armed Forces on Active Duty; and (2) Establish and maintain relationships with other federal government departments and agencies to facilitate the responsibilities of the office.

The House bill contained no similar provision.

The House recedes.

#### **LEGISLATIVE PROVISIONS NOT ADOPTED**

*Clarification of baselines for authorized numbers of general and flag officers on active duty and in joint duty assignments*

The Senate amendment contained a provision (sec. 501) that would amend section 526 of title 10, United States Code, to clarify the active-duty and joint-duty assignment baselines for general and flag officers.

The House bill contained no similar provision.

The Senate recedes.

The conferees note that, in accordance with section 503 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), the Marine Corps increased its number of general officers on active duty to 62.

*Authority of promotion boards to recommend officers of particular merit be placed at the top of the promotion list*

The Senate amendment contained a provision (sec. 502) that would amend section 616 of title 10, United States Code, to authorize an officer promotion board to recommend Active-Duty officers of particular merit be placed at the top of the promotion list.

The House bill contained no similar provision.

The Senate recesses.

*Direct employment pilot program for members of the National Guard and Reserve*

The House bill contained a provision (sec. 504) that would authorize the Secretary of Defense to create a pilot program to provide job placement assistance and related employment services directly to members of the National Guard and Reserve.

The Senate amendment contained no similar provision.

The House recesses.

*Authority for officers to opt-out of promotion board consideration*

The Senate amendment contained a provision (sec. 510A) that would authorize service secretaries to provide that an active and reserve component officer may, upon the officer's request, be excluded from consideration by a promotion selection board.

The House bill contained no similar provision.

The Senate recesses.

*Inclusion of specific email address block on certificate of release or discharge from active duty (DD Form 214)*

The House bill contained a provision (sec. 514) that would require the Secretary of Defense to modify the Certificate of Release or Discharge from Active Duty (DD Form 214) to include a specific block explicitly identified as the location in which a member of the Armed Forces may provide one or more email addresses by which the member may be contacted after discharge or release from active duty in the Armed Forces.

The Senate amendment contained no similar provision.

The House recesses.

*Plan to meet demand for cyberspace career fields in the reserve components of the Armed Forces*

The Senate amendment contained a provision (sec. 515) that would direct the Secretary of Defense to submit to Congress a

report setting forth a plan for meeting the increased demand for cyberspace career fields in the reserve components of the Armed Forces.

The House bill contained no similar provision.

The Senate recesses.

*Responsibility of Chiefs of Staff of the Armed Forces for standards and qualifications for military specialties within the Armed Forces*

The Senate amendment contained a provision (sec. 517) that would vest in the Chief of Staff of each of the Armed Forces the responsibility for establishing, approving, and modifying the criteria, standards, and qualifications for military specialty codes within that Armed Force. The Secretary of Defense will still retain oversight authority.

The House bill contained no similar provision.

The Senate recesses.

*Revision to Manual for Courts-Martial with respect to dissemination of visual depictions of private areas or sexually explicit conduct without the consent of the person depicted*

The Senate amendment contained a provision (sec. 521) that would require the President, not later than 180 days after the date of the enactment of this Act, to amend part IV of the Manual for Courts-Martial to include as an enumerated offense under section 934 of title 10, United States Code (article 134 of the Uniform Code of Military Justice), the distribution of a visual depiction of the private area of a person or of sexually explicit conduct involving a person that was (1) Photographed, videotaped, filmed, or recorded by any means with the consent of such person; and (2) Distributed by another person who knew or should have known that the depicted person did not consent to such distribution.

The House bill contained no similar provision.

The Senate recesses.

*Minimum confinement period required for conviction of certain sex-related offenses committed by members of the Armed Forces*

The House bill contained a provision (sec. 522) that would amend section 856(b)(1) of title 10, United States Code (article 56(b)(1) of the Uniform Code of Military Justice), to include a two-year mandatory minimum period of confinement for servicemembers convicted of certain sex-related offenses.

The Senate amendment contained no similar provision.

The House recesses.

*Information for the Special Victims' Counsel or Victims' Legal Counsel*

The House bill contained a provision (sec. 524) that would amend section 1044e(b)(6) of title 10, United States Code, to require that, if there is a military prosecution of an alleged sex-related offense, the Special Victims' Counsel or Victims' Legal Counsel representing the victim shall be entitled to a copy of all case information and documentation that are in the possession of the prosecutor, relevant to such military prosecution, and not privileged.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note the importance and success of the Special Victims' Counsel and Victims' Legal Counsel programs. However, in order for the Special Victims' Counsel and Victims' Legal Counsel to represent effectively their clients during a military prosecution, they must have fair and open access to non-privileged information related to the crimes committed against their clients. Therefore, the conferees encourage the President to include a provision in the Rules for Courts-Martial establishing that Special Victims' Counsel and Victims' Legal Counsel are entitled to non-privileged case information and documentation relevant to the crimes committed against their clients.

*Consistent access to Special Victims' Counsel for former dependents of members of the Armed Forces*

The House bill contained a provision (sec. 530) that would require, not later than one year after the date of the enactment of this Act, the Secretary of the Navy to revise Navy policy regarding the eligibility of former dependents of members of the Armed Forces to representation by a Victims' Legal Counsel so that Navy policy is consistent with Army and Air Force policy.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the Navy has already complied with this provision and issued the new policy.

*Inclusion of additional information in annual SAPRO reports*

The House bill contained a provision (sec. 531) that would define "sexual assault" and "sexual coercion" in the Department of Defense's annual report on sexual assault in the military.

The Senate amendment contained no similar provision.  
The House recesses.

*Sexual assault prevention and response*

The House bill contained a provision (sec. 532) that would require the Secretary of the Army, the Director of the Sexual Harassment / Assault Response and Prevention Program Office of the Army National Guard, and the Chief of the National Guard Bureau to take certain actions related to sexual assault prevention and response.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees direct the Department of Defense to provide a briefing to the Committees on Armed Services of the Senate and the House of Representatives no later than March 1, 2018 on the status of the Department's implementation of the Government Accountability Office's recommendations in GAO-17-217 report, dated February 2017, titled "Sexual Assault: Better Resource Management Needed to Improve Prevention and Response in the Army National Guard and Army Reserve."

*Report on availability of postsecondary credit for skills acquired during military service*

The Senate amendment contained a provision (sec. 533) that would require the Secretary of Defense, in consultation with the Secretaries of the Departments of Veterans Affairs, Education, and Labor to submit to Congress, within 60 days after the date of the enactment of this Act, a report on the transfer of skills into equivalent post-secondary credits or technical certifications for members of the Armed Forces being discharged from the military.

The House bill contained no similar provision.  
The Senate recesses.

*ROTC Cyber Institutes at the senior military colleges*

The House bill contained a provision (sec. 542) that would authorize the Secretary of Defense to carry out a program to establish a Reserve Officers' Training Corps Cyber Institute at each of the senior military colleges.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees note that the Secretary of Defense has the authority to establish Reserve Officers' Training Corps Cyber Institutes and encourage the Secretary to use this authority

with a particular focus on Reserve Officers' Training Corps programs at Universities that offer degrees in cyber studies and related fields.

*Program to assist members in obtaining professional credentials*

The House bill contained a provision (sec. 546) that would amend section 2015(a)(1) of title 10, United States Code, to provide flexibility in the requirements for participation of servicemembers in a program to help them obtain professional credentials.

The Senate amendment contained no similar provision.

The House recesses.

*Pilot program on integration of Department of Defense and non-Federal efforts for civilian employment of members of the Armed Forces following transition from Active Duty to civilian life*

The Senate amendment contained a provision (sec. 546) that would require the Secretary of Defense to conduct a pilot program, of 2 years duration, to assess the feasibility and advisability of assisting certain members of the Armed Forces transitioning from Active Duty to civilian life by accelerating and improving their access to employment through coordination, integration, and leveraging existing programs and authorities of the Department of Defense with programs and resources of state and local agencies, higher education institutions, employers, and other public, private, and nonprofit entities.

The Senate amendment contained another provision (sec. 10502) that would provide that section 546 would have no force or effect.

The Senate recesses.

The conferees observe that the military services have partnered closely with state and local communities to implement programs to help servicemembers gain post-military employment. The conferees are aware of several model re-employment initiatives in states such as Florida and Arizona. Therefore, the conferees encourage the Department of Defense to replicate these model programs in other states to ensure servicemembers can successfully transition from military service to civilian employment.

*Use of assistance under Department of Defense Tuition Assistance Program for non-traditional education to develop cybersecurity and computer coding skills*



The Senate amendment contained a provision (sec. 549) that would require a briefing by the Secretary of Defense, no later than 60 days after the date of the enactment of this Act, to the Committees on Armed Services of the Senate and the House of Representatives on the feasibility and advisability of the enactment into law of using the Department of Defense Tuition Assistance Program for courses or programs of education in cybersecurity skills or related skills and computer coding skills or related skills.

The House bill contained no similar provision.

The Senate recesses.

*Sense of Senate on increasing enrollment in senior reserve officers' training corps programs at minority-serving institutions*

The Senate amendment contained a provision (sec. 550) that would express the Sense of the Senate that the Armed Forces should take appropriate actions to increase enrollment in Senior Reserve Officers' Training Corps (SROTC) programs at minority serving institutions.

The House bill contained no similar provision.

The Senate recesses.

*Education for dependents of certain retired members of the Armed Forces*

The House bill contained a provision (sec. 552) that would amend Section 2164(a) of title 10, United States Code, to authorize dependents of retirees to be enrolled in Department of Defense domestic dependent elementary and secondary schools.

The Senate amendment contained no similar provision.

The House recesses.

*Replacement of military decorations at the request of relatives of deceased members of the Armed Forces*

The House bill contained a provision (sec. 561) that would amend subsection (a) of section 1135 of title 10, United States Code, to require the secretary concerned to replace, on a one-time basis, a military decoration upon the request of either the recipient or the immediate next of kin of a deceased recipient without charge. Additionally, the provision would authorize replacement, at no cost to the Department of Defense, of decorations of a deceased recipient at the request of second or third degree relatives of the recipient.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that section 1135 of title 10, United States Code, currently requires the military departments to provide military decorations, on a one-time basis without charge, upon the request of the recipient of a decoration or the immediate next of kin of a deceased recipient. In addition, military medals, other than the Medal of Honor, may be purchased from commercial sources, and the conferees agree that distant relatives of family members should purchase decorations from those sources directly instead of requiring the Department to develop a system to provide medals at cost to distant relatives.

#### *Congressional Defense Service Medal*

The House bill contained a provision (sec. 562) that would amend chapter 57 of title 10, United States Code, to establish the Congressional Defense Service Medal, which would be awarded by the Secretary of Defense, at the behest of and on behalf of Congress, to groups or other entities that have distinguished themselves by exemplary service or significant achievement in furtherance of the defense and national security of the United States.

The Senate amendment contained no similar provision.

The House recesses.

#### *Limitations on authority to revoke certain military decorations awarded to members of the Armed Forces*

The House bill contained a provision (sec. 563) that would amend chapters 357, 567, and 857 of title 10, United States Code, to limit the authority of the President or Secretary of a military department to authorize the revocation of a military decoration after the actual award of the military decoration to a member of the Armed Forces under the jurisdiction of the applicable Secretary.

The Senate amendment contained no similar provision.

The House recesses.

#### *Mechanisms to facilitate the obtaining by military spouses of occupational licenses or credentials in other states*

The Senate amendment contained a provision (sec. 563) that would require the Secretary of Defense to develop and maintain, not later than March 1, 2018, a joint federal-state clearinghouse to process the occupational license and credential information of military spouses. The provision would also require development and maintenance of an Internet web site to

serve as a comprehensive resource on occupational licensure and credentialing for military spouses. In addition, the provision would require the Secretary to submit a report to the Committees on Armed Services of the Senate and the House of Representatives that provides an assessment of the feasibility of establishment of a joint federal-state task force dedicated to the elimination of unnecessary or duplicative occupational licensure and credentialing requirements among the states.

The House bill contained no similar provision.

The Senate recesses.

*Award of Vietnam Service Medal to veterans who participated in Mayaguez rescue operation*

The House bill contained a provision (sec. 564) that would require the Secretary of the military department concerned to award the Vietnam Service Medal to a veteran who was awarded the Armed Forces Expeditionary Medal for participation in military operations known as the Mayaguez rescue operation of May 12-15, 1975 or who participated in such operation, upon application by or on behalf of an eligible veteran.

The Senate amendment contained no similar provision.

The House recesses.

*Award of medals or other commendations to handlers of military working dogs and military working dogs*

The House bill contained a provision (sec. 565) that would require the service secretaries to carry out a program to provide for the award of medals or commendations to military working dog handlers and military working dogs to recognize valor or meritorious achievement.

The Senate amendment contained no similar provision.

The House recesses.

*Eligibility of veterans of Operation End Sweep for Vietnam Service Medal*

The House bill contained a provision (sec. 566) that would require the Secretary of the military department concerned to award the Vietnam Service Medal to an individual who participated in Operation End Sweep, upon application of such individual.

The Senate amendment contained no similar provision.

The House recesses.

*Expedited replacement of military decorations for veterans of World War II and the Korean War*

The House bill contained a provision (sec. 567) that would amend section 1135 of title 10, United States Code, to require that all actions to be taken with respect to a request to replace a military decoration for service in World War II or the Korean War are completed in not more than 180 days and that the replacement military decoration is mailed to the person requesting it in not more than 60 days after verification of the service record.

The Senate amendment contained no similar provision.

The House recesses.

The conferees encourage the service secretaries to expedite the replacement of military decorations for service in World War II and the Korean War.

*Atomic Veterans Service Medal*

The House bill contained a provision (sec. 568) that would require the Secretary of Defense to design and produce a military service medal to be known as the "Atomic Veterans Service Medal" to honor retired and former members of the Armed Forces who are radiation-exposed veterans.

The Senate amendment contained no similar provision.

The House recesses.

*Authority of Secretary of the Army to award the Personnel Protection Equipment award of the Army to former members of the Army*

The Senate amendment contained a provision (sec. 571) that would authorize the Secretary of the Army to award the Personnel Protection Equipment award of the Army to former members of the Army.

The House bill contained no similar provision.

The Senate recesses.

*Servicemembers' Group Life Insurance*

The House bill contained a provision (sec. 572) that would amend section 1967(f)(4) of title 38, United States Code, by striking the second sentence of such paragraph, regarding the failure to notify a member's spouse in a timely manner of certain elections and beneficiary designations.

The Senate amendment contained no similar provision.

The House recesses.

### *Voter registration*

The House bill contained a provision (sec. 573) that would amend section 705 of the Servicemembers Civil Relief Act (50 U.S.C. 4025), to provide that, for purposes of voting in any election for Federal, State, or local office, a servicemember who registers to vote in a State in which the servicemember is present in compliance with military orders for a permanent change of station shall not, solely by reason of that registration, be deemed to have acquired a residence or domicile in that State, be deemed to have become a resident in or a resident of that State, or be deemed to have lost a residence or domicile in any other State, without regard to whether or not the person intends to return to that State.

The Senate amendment contained no similar provision.

The House recesses.

*Sense of Congress regarding section 504 of title 10, United States Code, on existing authority of the Department of Defense to enlist individuals, not otherwise eligible for enlistment, whose enlistment is vital to the national interest*

The House bill contained a provision (sec. 574) that would express the sense of Congress that a statute currently exists, specifically paragraph (2) of subsection (b) of section 504 of title 10, United States Code, that allows the secretary concerned to authorize the enlistment of certain non-citizens if the secretary determines that such enlistment is vital to the national interest.

The Senate amendment contained no similar provision.

The House recesses.

*Sense of Congress regarding nondiscrimination at United States Military Academy*

The House bill contained a provision (sec. 575) that would express the sense of Congress affirming the nondiscrimination policy of the United States Military Academy.

The Senate amendment contained no similar provision.

The House recesses.

*Issuance of consolidated pregnancy and parenthood instruction*

The House bill contained a provision (sec. 577) that would require the Secretary of Defense to ensure that each military department issues a single, consolidated instruction that addresses the decisions, actions, and requirements for members

of the Armed Forces relating to pregnancy, the postpartum period, and parenthood.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees note that the Department of Defense has issued the necessary Department of Defense wide policy that provides a uniform standard across the military departments.

*Proof of period of military service for purposes of interest rate limitation under the Servicemembers Civil Relief Act*

The House bill contained a provision (sec. 578) that would amend section 207(b)(1) of the Servicemembers Civil Relief Act, section 3937(b)(1) of title 50, United States Code, to modify the types of proof of military service required for purposes of obligation or liability of the servicemember to be subject to interest rate limitations.

The Senate amendment contained no similar provision.  
The House recesses.

*Report regarding possible improvements to processing retirements and medical discharges*

The House bill contained a provision (sec. 579) that would require the Secretary of Defense, in consultation with the Secretary of Veterans Affairs, to issue a report, not later than 180 days after the date of the enactment of this Act, to the congressional defense committees and the Committees on Veterans' Affairs of the Senate and House of Representatives regarding possible improvements to the transition of members of the Armed Forces to veteran status.

The Senate amendment contained no similar provision.  
The House recesses.

*Establishment of separation oath for members of the Armed Forces*

The House bill contained a provision (sec. 580) that would establish a separation oath for members of the Armed Forces.

The Senate amendment contained no similar provision.  
The House recesses.

*Authorization of support for Beyond Yellow Ribbon program*

The Senate amendment contained a provision (sec. 583) that would amend section 582 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181) to authorize the Secretary of Defense to award grants to states to conduct

programs that provide deployment cycle information, services, and referrals to active and reserve component servicemembers and their families throughout the deployment cycle.

The House bill contained no similar provision.

The Senate recesses.

The conferees support continued execution by the military services of the Yellow Ribbon Program, as well as activities and support that have become known as Beyond the Yellow Ribbon Program, which include employment counseling, behavioral health counseling, suicide prevention, housing advocacy, and financial counseling. The conferees urge the military services to continue providing these important services to military members separating or transitioning from Active Duty.

*Criminal background checks of employees of the military child care system and providers of child care services and youth program services for military dependents*

The Senate amendment contained a provision (sec. 5501) that would amend sections 1792 and 1798 of title 10, United States Code, to require that criminal background checks of employees in child development centers of the Department of Defense (DOD) and providers of child care services and youth program services for military dependents shall be in accordance with the provisions in section 658H of the Child Care and Development Block Grant Act of 1990 (42 U.S.C. 9858f).

The House bill contained no similar provision.

The Senate recesses.

The conferees strongly believe in the protection of children from potential predators working in child development centers, child care services programs, and youth services programs. Currently, DOD conducts rigorous criminal background checks, compliant with existing law, on all potential employees of DOD child care and youth services programs. The conferees urge DOD to continue its thorough employee criminal background check process to ensure the safety of all children in those programs.

*Review of TAP for women*

The Senate amendment contained a provision (sec. 5502) that would require the Secretary of Defense to conduct a comprehensive review of the Transition Assistance Program (TAP) to ensure it addresses the unique challenges and needs of service women transitioning from the Armed Forces to civilian life.

The House bill contained no similar provision.

The Senate recesses.

*Annual report on participation in the Transition Assistance Program for members of the Armed Forces*

The Senate amendment contained a provision (sec. 5503) that would require an annual report on participation in the transition assistance program for members of the Armed Forces.

The House bill contained no similar provision.

The Senate recesses.

*Air Force pilot program on education and training and certification of secondary and post-secondary students as aircraft technicians*

The Senate amendment contained a provision (sec. 6001) that would require the Secretary of the Air Force to conduct a pilot program to assess the feasibility and advisability of providing education and training to secondary and post-secondary students in the skills and qualifications required to become aircraft technicians, and to provide authority to employ such individuals in the Air Force as technicians.

The House bill contained no similar provision.

The Senate recesses.

The conferees direct the Comptroller General of the United States to review the adequacy of the aircraft maintainer workforce within the Air Force, including an assessment of the Air Force's requirements for maintainers, the extent and nature of any shortfall, and the Air Force's ability to satisfy these requirements, including an assessment of private sector competition for individuals possessing these skills. The report shall specifically consider the utility of establishing a pilot program such as described in section 6001 of the Senate-passed bill as a method of overcoming any shortfall or failure to effectively compete with the private sector. The conferees direct the Comptroller General to report to the Committees on Armed Services of the Senate and the House of Representatives by no later than one year after the date of enactment of this Act on the results of this review together with recommendations for how best to address the maintainer shortfall.

*Pilot program on integration of Department of Defense and non-Federal efforts for civilian employment of members of the Armed Forces*

The Senate amendment contained a provision (sec. 10503) that would require the Secretary of Defense to conduct a pilot



program to assess the feasibility of a program to improve the transition of members of the Armed Forces from active service to civilian life through better coordination of existing Department of Defense programs with similar programs conducted by States, local agencies, institutions of higher education, employers, and other public, private, and non-profit entities.

The House bill contained no similar provision.

The Senate recesses.

## **TITLE VI—COMPENSATION AND OTHER PERSONNEL BENEFITS**

### **SUBTITLE A—PAY AND ALLOWANCES**

#### *Annual adjustment of basic monthly pay (sec. 601)*

The House bill contained a provision (sec. 601) that would authorize a pay raise of 2.4 percent for all members of the uniformed services effective January 1, 2018.

The Senate amendment contained a similar provision (sec. 601) that would authorize a pay raise of 2.1 percent for all members of the uniformed services effective January 1, 2018.

The Senate recesses.

#### *Prohibiting collection of additional amounts from members living in units under Military Housing Privatization Initiative (sec. 602)*

The House bill contained a provision (sec. 2817) that would add section 2879 to sub-chapter IV of chapter 169 of title 10, United States Code, to prohibit the collection of additional out of pocket fees from service members living in Military Housing Privatization Initiative housing.

The Senate amendment contained no similar provision.

The Senate recesses.

#### *Limitation on modification of payment authority for Military Housing Privatization Initiative housing (sec. 603)*

The House bill contained a provision (sec. 602) that would temporarily prohibit the Secretary of Defense from further reducing the basic allowance for housing (BAH) below the level established for fiscal year 2018 for service members residing in Military Housing Privatization Initiative (MHPI) housing until 2019. The provision would also require the Comptroller General

of the United States to submit a report to the Committees on Armed Services of the Senate and the House of Representatives on the Department of Defense's management of MHPI and plans and alternatives considered for ensuring the continued viability of MHPI projects.

The Senate amendment contained no similar provision.

The Senate recesses with a technical amendment.

The conferees strongly believe that military families must be provided with on-base housing that is safe, properly maintained, and periodically modernized. The current MHPI agreements are structured to include the recapitalization effort through receipt of the service members BAH as calculated for the military housing area by the Department of Defense. Section 403(b) of title 37 requires a 1% reduction in the BAH rate per year starting in 2015 until the total reduction is 5% below the calculated rate. The reduction for 2018 would total 4%. The conferees note that the BAH reduction will have an effect on the long-term recapitalization effort for MHPI housing. The Senate amendment would require the Department of Defense to pay to lessors of MHPI projects in 2018 the equivalent of 1 percent of BAH, effectively nullifying the 2018 reduction for those projects. Upon completion of the Comptroller General's report, the conferees expect the Secretary of Defense, and the military services together with their MHPI partners, to review the report, and develop a plan to ensure the solvency and viability of MHPI projects in a manner that does not depend on out-of-pocket contributions by service members who reside in MHPI housing. The conferees believe strongly that this is a problem that the military services and their MHPI partners must solve together, within the next year, project-by-project if necessary. The conferees direct the Department, upon devising plan described herein, to brief the Committees on Armed Services of the Senate and the House of Representatives on that plan.

*Housing treatment for certain members of the Armed Forces, and their spouses and other dependents, undergoing a permanent change of station within the United States (sec. 604)*

The Senate amendment contained a provision (sec. 556) that would amend chapter 7 of title 37, United States Code, to require the Secretary of Defense to prescribe regulations that permit certain servicemembers undergoing permanent change of station relocations within the United States to request special housing treatment for spouses and dependents. Under this provision, certain spouses and dependents would be: (1) Eligible to continue living in government-owned or government-leased housing; and (2) Eligible for early housing in government-owned

or government-leased housing. This provision would also authorize a servicemember to be eligible, on a space-available basis, either for temporary use of government-owned or government-leased housing or an equitable basic allowance for housing if a spouse or other dependent relocates at a different time from the member. This provision would be effective on October 1, 2018.

The House bill contained a similar provision (sec. 603).  
The House recedes with a technical amendment.

*Extension of authority to provide temporary increase in rates of basic allowance for housing under certain circumstances (sec. 605)*

The Senate amendment contained a provision (sec. 602) that would extend for 1 year the authority of the Secretary of Defense to temporarily increase the rate of the Basic Allowance for Housing in areas impacted by natural disasters or experiencing a sudden influx of personnel.

The House bill contained no similar provision.  
The House recedes.

*Reevaluation of BAH for the military housing area including Staten Island (sec. 606)*

The House bill contained a provision (sec. 605) that would require the Secretary of Defense, not later than 90 days after the enactment of this Act, using the most recent data available to the Secretary, to reevaluate the basic housing allowance prescribed under section 403(b) of title 37, United States Code, for the military housing area that includes Staten Island, New York.

The Senate amendment contained no similar provision.  
The Senate recedes.

## **SUBTITLE B—BONUS AND SPECIAL AND INCENTIVE PAYS**

*One-year extension of certain bonus and special pay authorities for reserve forces (sec. 611)*

The House bill contained a provision (sec. 611) that that would extend for 1 year the authority to pay the Selected Reserve reenlistment bonus, the Selected Reserve affiliation or enlistment bonus, special pay for enlisted members assigned to certain high-priority units, the Ready Reserve enlistment bonus

for persons without prior service, the Ready Reserve enlistment and reenlistment bonus for persons with prior service, the Selected Reserve enlistment and reenlistment bonus for persons with prior service, travel expenses for certain inactive-duty training, and income replacement for reserve component members experiencing extended and frequent mobilization for Active-Duty service.

The Senate amendment contained an identical provision (sec. 611).

The conference agreement includes this provision.

*One-year extension of certain bonus and special pay authorities for health care professionals (sec. 612)*

The House bill contained a provision (sec. 612) that would extend for 1 year the authority to pay the nurse officer candidate accession bonus, education loan repayment for certain health professionals who serve in the Selected Reserve, accession and retention bonuses for psychologists, the accession bonus for registered nurses, incentive special pay for nurse anesthetists, special pay for Selected Reserve health professionals in critically short wartime specialties, the accession bonus for dental officers, the accession bonus for pharmacy officers, the accession bonus for medical officers in critically short wartime specialties, and the accession bonus for dental specialist officers in critically short wartime specialties.

The Senate amendment contained an identical provision (sec. 612).

The conference agreement includes this provision.

*One-year extension of special pay and bonus authorities for nuclear officers (sec. 613)*

The House bill contained a provision (sec. 613) that would extend for 1 year the authority to pay the special pay for nuclear-qualified officers extending period of active service, the nuclear career accession bonus, and the nuclear career annual incentive bonus.

The Senate amendment contained an identical provision (sec. 613).

The conference agreement includes this provision.

*One-year extension of authorities relating to title 37 consolidated special pay, incentive pay, and bonus authorities (sec. 614)*

The House bill contained a provision (sec. 614) that would extend for 1 year the general bonus authority for enlisted members, the general bonus authority for officers, special bonus and incentive pay authorities for nuclear officers, special aviation incentive pay and bonus authorities for officers, and special bonus and incentive pay authorities for officers in health professions, and contracting bonus for cadets and midshipmen enrolled in the Senior Officers' Training Corps. The provision would also extend for 1 year the authority to pay hazardous duty pay, assignment or special duty pay, skill incentive pay or proficiency bonus, and retention incentives for members qualified in critical military skills or assigned to high priority units.

The Senate amendment contained an identical provision (sec. 614).

The conference agreement includes this provision.

*One-year extension of authorities relating to payment of other title 37 bonuses and special pays (sec. 615)*

The House bill contained a provision (sec. 615) that would extend for 1 year the authority to pay the aviation officer retention bonus, assignment incentive pay, the reenlistment bonus for active members, the enlistment bonus, precommissioning incentive pay for foreign language proficiency, the accession bonus for new officers in critical skills, the incentive bonus for conversion to military occupational specialty to ease personnel shortage, the incentive bonus for transfer between Armed Forces, and the accession bonus for officer candidates.

The Senate amendment contained an identical provision (sec. 615).

The conference agreement includes this provision.

*Report regarding the national pilot shortage (sec. 616)*

The Senate amendment included a provision (sec. 616) that would amend section 334 of title 37, United States Code, to require the Department of Defense and the military services to justify aviation bonus levels through a business case analysis for such levels, establish a tiered limitation on maximum amounts of aviation bonuses, and require additional budget justification materials to accompany the President's fiscal year budget submission to Congress pursuant to section 1105 of title 31, United States Code.

The House bill contained no similar provision.

The House recesses with an amendment that would strike the Senate language and instead require the Comptroller General of

the United States to submit to the Committees on Armed Services of the Senate and House of Representatives by no later than April 30, 2018, a report assessing the severity of the national pilot shortage, including which geographic areas and segments of the commercial aviation industry are most affected by the shortage, compensation practices within the commercial aviation industry and how such practices affect the ability of the military services to retain military pilots, the utility of the requirement in section 334 of title 37, United States Code, for the services to submit business cases analyses for their aviation bonuses, and the adequacy of non-monetary incentives available to the Secretary of the Air Force to incentivize retention among Air Force pilots.

*Special aviation incentive pay and bonus authorities for enlisted members who pilot remotely piloted aircraft (sec. 617)*

The Senate amendment contained a provision (sec. 617) that would amend chapter 5 of title 37, United States Code, to create a new authority to pay aviation incentive pay and bonuses to enlisted member remotely piloted aircraft (RPA) pilots with statutory caps of \$1,000 per month for aviation incentive pay and \$35,000 per year for aviation bonus pay, which is equivalent to the current caps under section 334 of title 37, United States Code, for pilots who are officers.

The House bill contained no similar provision.

The House recedes with a technical amendment.

*Technical and conforming amendments relating to 2008 consolidation of special pay authorities (sec. 618)*

The Senate amendment contained a provision (sec. 618) that would make technical and conforming corrections to titles 10, 14, 24, 26, 37, and 42, United States Code, as part of the Department of Defense transition to the consolidated authorities authorized in section 661 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181), which provided eight consolidated statutory special and incentive pay authorities for future use to replace those currently in use.

The House bill contained a similar provision (sec. 618).

The House recedes.

## **SUBTITLE C—DISABILITY PAY, RETIRED PAY, AND SURVIVOR BENEFITS**

*Permanent extension and cost-of-living adjustments of special survivor indemnity allowances under the Survivor Benefit Plan (sec. 621)*

The House bill contained a provision (sec. 621) that would express the sense of Congress that the Special Survivor Indemnity Allowance was created as a stop gap measure to assist widowed spouses by reducing the Survivor Benefit Plan/Dependency Indemnity Compensation offset required by law.

The Senate amendment contained a provision (sec. 638) that would amend section 1450 of title 10, United States Code, to permanently extend the authority to pay the Special Survivor Indemnity Allowance at the current rate and would require inflation adjustments to that Allowance by the amount of the military retired pay cost-of-living adjustment for each calendar year beginning in 2019.

The House recesses.

*Adjustments to the Survivor Benefit Plan for members electing lump sum payments of retired pay under the modernized retirement system for members of the uniformed services (sec. 622)*

The Senate amendment contained a provision (sec. 631) that would modify section 1447 of title 10, United States Code, and section 1452 of title 10, United States Code, to ensure equitable treatment under the Survivor Benefit Plan of members of the uniformed services covered by the modernized retirement system who elect to receive a lump sum of retired pay, as authorized under section 1415 of title 10, United States Code.

The House bill contained no similar provision.

The House recesses.

*Technical correction regarding election to participate in modernized retirement system for reserve component members experiencing a break in service (sec. 623)*

The Senate amendment contained a provision (sec. 632) that would clarify that the election period for the modernized retirement system authorized by section 631 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) is extended for up to 30 days in the case of regular component members returning to service after a break in service that occurs during the election period.

The House bill contained no similar provision.

The House recesses.

*Technical corrections to use of member's current pay grade and years of service in a division of property involving disposable retired pay (sec. 624)*

The Senate amendment contained a provision (sec. 637) that would modify section 1408(a)(4) of title 10, United States code, to allow the Department of Defense to implement section 641 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) by clarifying that the division of property is to be calculated based on the date of the divorce decree, dissolution, annulment, or legal separation.

The House bill contained no similar provision.

The House recesses.

*Continuation pay for the Coast Guard (sec. 625)*

The House bill contained a provision (section 3508) that would appropriate, out of any money in the Treasury not otherwise appropriated, funding to the Coast Guard retirement account.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would authorize continuation pay in the amount of \$3,286,277 for fiscal year 2018, as appropriated.

## **SUBTITLE D—OTHER MATTERS**

*Land conveyance authority, Army and Air Force Exchange Service property, Dallas, Texas (sec. 631)*

The House bill contained a provision (sec. 631) that would authorize the Army and Air Force Exchange to convey by sale, exchange, or a combination thereof, all right, title, and interest of the United States in a real property parcel, including improvements, that is located at 8901 Autobahn Drive in Dallas, Texas.

The Senate amendment contained a provision (sec. 2822) that would authorize the Secretary of Defense to authorize the Army and Air Force Exchange to sell and convey all right, title, and interest of the United States in the same parcel of property.

The Senate recesses with an amendment that would stipulate that the conveyance of property under this provision would not be subject to section 2696 of title 10, United States Code.



*Authority for the Secretaries of the military departments to provide for care of remains of those who die on active duty and are interred in a foreign cemetery (sec. 632)*

The Senate amendment contained a provision (sec. 636) that would amend section 1482(a) of title 10, United States Code, to authorize a service secretary to provide for the enduring care of the remains of Active-Duty servicemembers interred in foreign cemeteries if the burial location was designated by such secretary.

The House bill contained no similar provision.

The House recesses.

*Construction of domestic source requirement for footwear furnished to enlisted members of the Armed Forces on initial entry into the Armed Forces (sec. 633)*

The Senate amendment contained a provision (sec. 651) that would modify the requirements to furnish footwear to enlisted members of the Armed Forces on initial entry if the Secretary of Defense determines that there would be only a sole certified source of supply. The Secretary of Defense would also be required to ensure that all procurement of athletic footwear to which this subsection applies are made using firm fixed price contracts. Consistent with section 418 of title 37, United States Code, the committee directs the Secretary to establish practices and take all necessary steps to protect service members in initial entry training from unnecessary injuries.

The House bill contained no similar provision.

The House recesses with a technical amendment.

*Review and update of regulations governing debt collectors interactions with unit commanders of members of the Armed Forces (sec. 634)*

The House bill contained a provision (sec. 1074) that would require the Secretary of Defense, no later than 180 days after the date of the enactment of this Act, to review and update Department of Defense Instruction 1344.09 and any associated regulations to ensure that such regulations comply with Federal consumer protection laws with respect to the collection of debt.

The Senate amendment contained an identical provision (sec. 653).

The conference agreement includes this provision.

## LEGISLATIVE PROVISIONS NOT ADOPTED

### *Adjustment to Basic Allowance for Housing at with dependents rate of certain members of the uniformed services*

The Senate amendment contained a provision (sec. 603) that would amend section 403 of title 37, United States Code, to eliminate the with-dependents rate for the Basic Allowance for Housing (BAH) in the case of married members of the uniformed services who are collocated and who have dependents.

The House bill contained no similar provision.

The Senate recesses.

The conferees remain committed to the requirement in section 604 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) that the Department of Defense report on the feasibility of a single salary compensation system for service members in lieu of the current system of basic pay and allowances. The conferees understand that the Department intends to address these questions as part of its next Quadrennial Review of Military Compensation (QRMC). The conferees direct, as an interim step, the Secretary of Defense to deliver to the Committees on Armed Services of the Senate and House of Representatives a description, by no later than April 1, 2018, of their intended work on this matter, including those elements of compensation that will be included in the review, the full scope of options with respect to the single-payer system that will be considered, the methodology by which the Department will assess the feasibility of such a change, and the expected delivery date of the QRMC, together with the identification of any other matters the Secretary believes need to be addressed in the course of this review. Finally, the conferees direct the Secretary to provide with the report required above a representative table of regular military compensation by grade, years of service, and a sampling of the most common military housing areas within the United States.

### *Per diem allowance policies*

The House bill contained a provision (sec. 604) that would prohibit a Secretary of a military department from implementing a flat rate per diem policy for long term temporary duty described in a certain policy memorandum.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the National Defense Authorization Act for Fiscal Year 2017 addressed this per diem issue by authorizing the Secretary concerned to waive the reduced flat

rate per diem and pay travelers actual expenses up to the full per diem if the Secretary concerned determines that the reduced flat rate per diem for meals and incidental expenses is insufficient under the circumstances of the TDY assignment. The conferees also note the lack of evidence that shows the current system is causing financial hardship on military and civilian employees on long term TDY assignment, or is otherwise impacting volunteerism among civilians for critical missions.

*Modification of authority of President to determine alternative pay adjustment in annual basic pay of members of the uniformed services*

The Senate amendment contained a provision (sec. 604) that would amend section 1009(e) of title 37, United States Code, to remove the justification of serious economic conditions affecting the general welfare from the waiver authority of the President to make an alternative pay adjustment.

The House bill contained no similar provision.

The Senate recedes.

*Application of basic allowance for housing to members of the uniformed services in the Virgin Islands*

The House bill contained a provision (sec. 606) that would amend section 403(b) of title 37, United States Code, to apply the basic allowance for housing to members of the uniformed services to those serving in the Virgin Islands.

The Senate amendment contains no similar provision.

The House recedes.

The conferees note that the Overseas Housing Allowance applies uniformly to all overseas and territorial locations and believe this is currently the most appropriate policy.

*Reimbursement for state licensure and certification costs of a member of the Armed Forces arising from separation from the Armed Forces*

The House bill contained a provision (sec. 616) that would authorize the Secretary of Defense and the Secretary of Homeland Security to reimburse a servicemember up to \$500 for re-licensing costs incurred upon separation from the Armed Forces. In addition, the provision would require the service secretaries to work with the states to improve portability of licenses between states and to report recommendations on this matter to the appropriate congressional committees and the states.

The Senate amendment contained no similar provision.

The House recesses.

The conferees recognize that programs and resources exist that provide servicemembers with certifications and licenses related to their military training, most notably the credentialing program under section 2015 of title 10, United States Code, as well as resources and benefits to acquire new skills and education while off-duty, such as the Tuition Assistance Program. Moreover, there are numerous education and transition benefits available for veterans and their families under the purview of the Department of Veterans Affairs, the Department of Labor, and other Federal agencies. The conferees direct the Comptroller General of the United States to assess the panoply of benefits and programs available government-wide to separating servicemembers intended to provide the skills and education necessary for such members to achieve meaningful and fulfilling employment in their civilian lives, and to report to the Committees on Armed Services of the Senate and the House of Representatives on the results of that assessment by no later than October 1, 2018, including such recommendations for congressional action as the Comptroller General may have to ensure such benefits and programs achieve their intended purpose while avoiding unnecessary duplication of effort among the Federal agencies.

*Increase in maximum amount of aviation bonus for 12-month period of obligated service*

The House bill contained a provision (sec. 617) that would amend section 334(c)(1)(B) of title 37, United States Code, to increase the statutory limits for the aviation retention bonus to \$50,000 and allow the Secretary concerned the flexibility to increase the aviation incentive pay limit set forth in regulations issued by the Secretary of Defense under section 374 of title 37, United States Code.

The Senate amendment contained no similar provision.

The House recesses.

*Report regarding management of military commissaries and exchanges*

The House bill contained a provision (sec. 632) that would require the Secretary of Defense to submit a report to the congressional defense committees, within 180 days of the date of the enactment of this Act, regarding management practices of military commissaries and exchanges. The report required under this section would include a cost-benefit analysis with a goal of reducing the operational costs of commissaries and exchanges

by \$2.0 billion in fiscal years 2018 through 2022 while not increasing patrons' costs.

The Senate amendment contained a similar provision (sec. 5602).

The Senate and House recede.

Section 634 of the National Defense Authorization Act (NDAA) for Fiscal Year 2015 (Public Law 113-291) required a comprehensive, independent review of the defense commissary system. Subsequently, section 651 of the NDAA for Fiscal Year 2016 (Public Law 114-92) required the Secretary of Defense to develop a plan to obtain budget neutrality for the defense commissary and the military exchange systems, and to include in the development of this plan consideration of the report required by section 634 of the NDAA for Fiscal Year 2015. The Department delivered to Congress the report required by section 634 on August 26, 2015, and delivered the plan to achieve budget savings required by section 651 in May of 2016. Based on the recommendations from these efforts, Congress subsequently enacted a number of reforms to achieve savings in the commissary system (and thereby lowering the appropriated fund subsidy to the commissary system), including variable pricing authority, authority to sell private label products, and authority to convert the commissary system to a non-appropriated fund activity. In light of the extensive reports already required by Congress and delivered by the Department in this area, and the enactment of cost saving measures as recommended by those reports, the conferees believe there is little additional benefit to be gained by requiring the Department to submit another report assessing methods of achieving cost savings in the commissary and military exchange systems.

*Promotion of financial literacy concerning retirement among members of the Armed Forces*

The Senate amendment contained a provision (sec. 633) that would require the Secretary of Defense to develop programs of financial literacy for members of the Armed Forces to assist members in better understanding retirement options and planning for retirement.

The House bill contained no similar provision.

The Senate recedes.

*Inclusion of Department of Agriculture in Transition Assistance Program*

The Senate amendment contained a provision (sec. 652) that would amend subsection (a) of section 1144 of title 10, United

States Code, to require inclusion of information provided by the Department of Agriculture in the Transition Assistance Program.

The House bill contained no similar provision.

The Senate recesses.

*Report on use of second-destination transportation to transport fresh fruit and vegetables to commissaries in the Asia-Pacific region*

The Senate amendment contained a provision (sec. 5601) that would require the Secretary of Defense to provide a report to the congressional defense committees, not later than 120 days after the date of the enactment of this Act, on second-destination transportation of fresh fruits and vegetables to commissaries in the Asia-Pacific region.

The House bill contained no similar provision.

The Senate recesses.

*Sense of Senate on the use by exchange stores of small businesses as suppliers*

The Senate amendment contained a provision (sec. 10601) that would express the sense of the Senate to urge the Department of Defense's exchange stores to develop strategies for featuring products of small businesses, especially products of veteran-owned small businesses, in military exchange stores.

The House bill contained no similar provision.

The Senate recesses.

*Element in next quadrennial review of military compensation on value assigned by members of the Armed Forces to various aspects of military compensation*

The Senate amendment contained a provision (sec. 10603) that would require the President to ensure that the first quadrennial review of the principals and concepts of the compensation system for members of the uniformed services under section 1008(b) of title 37, United States Code, after the enactment of this Act, include a review of the comparative value members of the Armed Forces assign to various aspects of military compensation.

The House bill contained no similar provision.

The Senate recesses.

The conferees note the importance of servicemember compensation preferences in designing a competitive military compensation system capable of attracting and retaining high-quality personnel for the all-volunteer force. The conferees

expect the Secretary of Defense to take servicemember preferences into account when making recommendations to modify the current compensation system in the forthcoming Quadrennial Review of Military Compensation.

## **TITLE VII—HEALTH CARE PROVISIONS**

### **SUBTITLE A—TRICARE AND OTHER HEALTH CARE BENEFITS**

*Continued access to medical care at facilities of the uniformed services for certain members of the reserve components (sec. 701)*

The Senate amendment contained a provision (sec. 702) that would amend sections 1076d(f) and 1076e of title 10, United States Code, to clarify the eligibility for medical services for beneficiaries enrolled in TRICARE Reserve Select and TRICARE Retired Reserve.

The House bill contained no similar provision.  
The House recedes.

*Modifications of cost-sharing requirements for the TRICARE Pharmacy Benefits Program and treatment of certain pharmaceutical agents (sec. 702)*

The Senate amendment contained a provision (sec. 706) that would amend paragraph 6 of 1074g (a) of title 10, United States Code, to modify cost-sharing amounts for the TRICARE pharmacy benefits program for years 2018 through 2026. After 2026, the Department could establish cost-sharing amounts equal to the cost-sharing amounts for the previous year adjusted by an amount, if any, to reflect increases in costs of pharmaceutical agents and pharmacy dispensing fees. With this provision, beneficiaries would continue to receive pharmaceuticals at no cost in military medical treatment facilities. For years 2018 through 2020, the cost-share amount for up to a 90-day supply of a generic pharmaceutical agent dispensed through the mail order pharmacy would be \$10, which would partially cover the Department's administrative costs for the drug and would result in a consistent drug cost-share with generic drugs dispensed in retail pharmacies. Under this provision, there would be no changes to cost-sharing amounts for survivors of members who

died on Active Duty or for disabled retirees and their family members.

To encourage use of pharmaceutical agents that provide the greatest value to beneficiaries and the Department, the provision would authorize the Secretary of Defense, upon recommendation from the Pharmacy and Therapeutics Committee and review by the Uniform Formulary Beneficiary Advisory Panel, to exclude from the pharmacy benefits program any pharmaceutical agent that the Secretary determines provides little or no value to covered beneficiaries and the Department. Additionally, the Secretary would give preferential status to any non-generic pharmaceutical agent on the uniform formulary by treating it, for the purposes of cost-sharing, as a generic product under the TRICARE retail pharmacy and mail order programs. Finally, the provision would amend section 1079 of title 10, United States Code, to authorize the Secretary to adopt special reimbursement methods, amounts, and procedures in medical contracts to encourage physicians to use high-value pharmaceutical agents and to discourage use of low-value agents.

The House bill contained no similar provision.

The House recesses with an amendment that would: (1) Modify prescription drug cost-sharing amounts for the TRICARE pharmacy benefits program for years 2018 through 2027; and (2) Make a technical amendment.

*Provision of hyperbaric oxygen therapy for certain members of the Armed Forces (sec. 703)*

The House bill contained a provision (sec. 703) that would amend Chapter 55 of title 10, United States Code, to authorize the Secretary of Defense to provide hyperbaric oxygen therapy available at a military medical treatment facility to a servicemember diagnosed with post-traumatic stress disorder or traumatic brain injury if a physician prescribes such therapy.

The Senate amendment contained no similar provision.

The Senate recesses.

*Specification that individuals under the age of 21 are eligible for hospice care services under the TRICARE program (sec. 704)*

The Senate amendment contained a provision (sec. 705) that would amend section 1079(a)(15) of title 10, United States Code, to authorize hospice care services for eligible beneficiaries under the age of 21.

The Senate amendment contained another provision (sec. 5702) that would provide a rule of construction such that Section 705 would have no force or effect. Additionally, this



provision would amend section 1079(a)(15) of title 10, United States Code, to authorize hospice care services for eligible beneficiaries under the age of 21 concurrently with health care services or hospitalization for the same medical condition.

The House bill contained no similar provision.

The House recedes with an amendment that would amend section 1079(a)(15) of title 10, United States Code, to authorize hospice care services for eligible beneficiaries under the age of 21 concurrently with health care services or hospitalization for the same medical condition.

*Physical examinations for members of a reserve component who are separating from the Armed Forces (sec. 705)*

The House bill contained a provision (sec. 701) that would amend section 1145 of title 10, United States Code, to require the service secretary to provide a physical examination to a reserve component member during the 2-year period before the date on which the member separates from the Armed Forces in support of a contingency operation for a period of more than 30 days. The provision would require the Secretary to provide the physical examination during the 90-day period before the member's separation date and to provide a record of the examination to the member. Under this provision, the member would not be entitled to health benefits solely by reason of receiving a physical examination.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would amend section 1145 of title 10, United States Code, to require the service secretary to provide a physical examination to a reserve component member during the 2-year period before the date on which the member separates from the Armed Forces in support of a contingency operation for a period of more than 30 days, if the member would not otherwise receive such an examination and elects an examination. The provision would require the service secretary to provide the physical examination during the 90-day period before the member's separation date, to issue orders for the member to receive the examination, and to provide a record of the examination to the member. Under this provision, the member would not be entitled to health benefits solely by reason of receiving a physical examination.

*Mental health assessments before members separate from the Armed Forces (sec. 706)*

The House bill contained a provision (sec. 702) that would amend section 1145(a)(5)(A) of title 10, United States Code, to

require the service secretary concerned to provide a mental health examination to servicemembers prior to separation from the Armed Forces.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would require the service secretary concerned to provide a mental health assessment to servicemembers prior to separation from the Armed Forces.

*Expansion of sexual trauma counseling and treatment for members of the reserve components (sec. 707)*

The House bill contained a provision (sec. 706) that would amend section 1720D(a)(2)(A) of title 38, United States Code, to authorize the Secretary of Veterans Affairs, in conjunction with the Secretary of Defense, to provide counseling and care and services to members of the Armed Forces to overcome psychological trauma stemming from sexual harassment or sexual assault suffered by the member while serving on active duty, active duty for training, or inactive duty training.

The Senate amendment contained a similar provision (sec. 11001).

The Senate recesses.

*Expedited evaluation and treatment for prenatal surgery under the TRICARE program (sec. 708)*

The Senate amendment contained a provision (sec. 704) that would require the Secretary of Defense to implement processes and procedures to ensure a covered beneficiary under the TRICARE program, whose pregnancy is complicated with a fetal condition or suspected fetal condition, receives at the discretion of the covered beneficiary, expedited evaluation, non-directive counseling, and treatment from a perinatal or pediatric specialist capable of providing surgical management and intervention in utero.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Secretary of Defense to implement processes and procedures to ensure a covered beneficiary under the TRICARE program, whose pregnancy is complicated with a fetal condition or suspected fetal condition, may elect to receive expedited evaluation, non-directive counseling, and medical treatment from a perinatal or pediatric specialist capable of providing surgical management and intervention in utero.

**SUBTITLE B—HEALTH CARE ADMINISTRATION**

*Maintenance of inpatient capabilities of military medical treatment facilities located outside the United States (sec. 711)*

The House bill contained a provision (sec. 712) that would require the Secretary of Defense, in carrying out section 1073d of title 10, United States Code, to ensure that each military medical treatment facility (MTF) located outside the United States maintains, at a minimum, the inpatient capabilities of such facility as of September 30, 2016.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would amend section 1073d of title 10, United States Code, to require the Secretary of Defense to ensure that each MTF located outside the United States maintains, at a minimum, inpatient capabilities that the Secretary determines are similar to those capabilities of such facility on September 30, 2016. The provision would require the Secretary to maintain inpatient capabilities at such facility until the day that is 180 days after the Secretary provides a briefing to the Committees on Armed Services of the Senate and the House of Representatives on proposed elimination of inpatient capabilities. The provision would require the Secretary to certify in the briefing that: (1) Host nation hospitals or medical centers have agreed to provide inpatient capabilities that would be eliminated at the MTF; (2) Servicemembers and covered beneficiaries would receive quality health care, including case management and translation services, at a host nation facility within a reasonable distance, as determined by the Secretary; (3) The Secretary has consulted with the appropriate geographic combatant command in which the MTF is located to ensure that proposed elimination of inpatient capabilities would have no impact on operational plans; and (4) The Secretary will provide servicemembers and covered beneficiaries receiving health care services from the MTF with a transition plan for continuity of health care and will provide a public forum to discuss their concerns regarding a reduction of inpatient capabilities at the MTF.

*Modification of priority for evaluation and treatment of individuals at military treatment facilities (sec. 712)*

The House bill contained a provision (sec. 724) that would amend section 717 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) by striking subsection (d) and inserting new subsections to express a sense of Congress on the eligibility of victims of acts of terror for evaluation and treatment at military treatment facilities.

The Senate amendment contained a provision (sec. 721) that would amend section 717(b) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to authorize the Secretary of Defense to waive the priority of covered beneficiaries to receive evaluation and treatment at military treatment facilities in order to provide evaluation and treatment for the following individuals: (1) Persons severely wounded or injured by acts of terror in the United States; or (2) Residents of the United States severely wounded or injured by acts of terror outside the United States.

The House recesses.

*Clarification of administration of military medical treatment facilities (sec. 713)*

The House bill contained a provision (sec. 711) that would amend sections 1073c(a)(2), 3036(f), 5137(b), and 8036(b) of title 10, United States Code, to clarify the roles and responsibilities of military medical treatment facility (MTF) commanders and the Services' Surgeons General.

The Senate amendment contained a provision (sec. 723) that would amend section 1073c(a) of title 10, United States Code, to clarify that the individual responsible for ensuring readiness of members of the Armed Forces and civilian employees of an MTF and for furnishing the healthcare and medical treatment at that facility can be either a military or civilian director under the authority, direction, and control of the Defense Health Agency. Additionally, the provision would authorize, if the Secretary of Defense determines it appropriate, that a military director (or other senior military officer or officers) of an MTF may be a commanding officer for purposes of Chapter 47 of this title (the Uniformed Code of Military Justice) with respect to military personnel assigned to the MTF.

The House recesses with an amendment that would clarify that the individual responsible for ensuring readiness of members of the Armed Forces and civilian employees of an MTF and for furnishing the healthcare and medical treatment at that facility can be either a military commander or director. The provision would authorize, if the Secretary of Defense determines it appropriate, that a military director (or other senior military officer or officers) of an MTF may be a commanding officer for purposes of Chapter 47 of this title (the Uniformed Code of Military Justice) with respect to military personnel assigned to the MTF.

The conferees voice concern with the Department's lack of progress on the development of the implementation plan to transition MTFs to the Defense Health Agency (DHA), as required

by section 702 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). Section 702 gave the DHA broad responsibility for the administration and operation of each MTF and limited the roles and responsibilities of each Service Surgeon General in the direct care delivery system, while maintaining their oversight of the operational medical force readiness of their respective military services. The Department's March and June 2017 interim reports to the Committees on Armed Services of the Senate and the House of Representatives outlined the decision to establish a "component model" with the Services maintaining command and control of MTFs through newly formed intermediary medical commands under two separate lines of authority, one from the Services and the other from the DHA.

The conferees believe the Department's attempt to maintain current stove-piped organizational constructs risks preserving inefficiencies in the military health system's (MHS) command and governance structure. The conferees agree that beneficiaries - Active-Duty servicemembers and their families, retirees and their families - deserve an agile organizational structure that adapts to their needs while ensuring vital healthcare support to the warfighter wherever needed.

The conferees are resolutely committed to reforming the organization and governance of the MHS. There are strong concerns, however, regarding whether the component model, as proposed, will lead to enhanced operational medical force readiness, improved access to care, improved quality of care, and a better experience of care that soldiers, sailors, airmen, and marines (and their families) deserve. Therefore, the conferees direct the Department to implement an organizational construct that eliminates unnecessary organizational structures and removes any possibility for the Department to maintain the status quo in the MHS. The conferees will closely monitor the Department's progress toward a unified, more efficient MHS operating model and will not hesitate to direct a revised MHS operating model if the component model fails to meet the congressional intent of section 702 of the National Defense Authorization Act for Fiscal Year 2017.

*Regular update of prescription drug pricing standard under TRICARE retail pharmacy program (sec. 714)*

The House bill contained a provision (sec. 713) that would amend section 1074g(d) of title 10, United States Code, to require the Secretary of Defense to include requirements described in section 1860D-12(b)(6) of the Social Security Act (42 U.S.C. 1395w-112(b)(6)) in TRICARE pharmacy program

contracts to ensure the provision of information regarding the pricing standard for prescription drugs.

The Senate amendment contained an identical provision (sec. 5703).

The conference agreement includes this provision.

*Modification of execution of TRICARE contracting responsibilities (sec. 715)*

The Senate amendment contained a provision (sec. 724) that would amend subsection (b) of section 705 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to clarify the execution of contracting responsibility for acquisition of managed care support contracts under the TRICARE program initiated after the date of the enactment of this Act. Under this provision, the Under Secretary of Defense for Acquisition and Sustainment would serve as the acquisition decision authority and be responsible for approving the acquisition strategy and conducting pre-solicitation, pre-award, and post-award acquisition reviews.

The House bill contained no similar provision.

The House recesses.

*Additional emergency uses for medical products to reduce deaths and severity of injuries caused by agents of war (sec. 716)*

The Senate amendment contained a provision (sec. 732) that would amend section 1107a of title 10, United States Code, to authorize the Secretary of Defense to approve the emergency use of medical products, outside the United States, in situations in which an emergency use of an unapproved product or an emergency unapproved use of an approved product cannot be authorized under section 564 of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 360bbb-3) because the emergency does not involve an actual or threatened attack with a biological, chemical, radiological, or nuclear agent.

The House bill contained no similar provision.

The House recesses.

The conferees agree that traditional pathways to the Food and Drug Administration's approval and licensure of critical medical products for combat casualty care are too slow to allow for rapid insertion and use of these products on the battlefield. The conferees believe this provision could lead to even higher survival rates from severe combat wounds and injuries suffered by servicemembers. The conferees expect the Department to consult with the Commissioner of the Food and Drug Administration when evaluating medical products for combat

casualty care and to use this new authority strictly for approval of medical products for battlefield wounds and injuries.

*Modification of determination of average wait times at urgent care clinics and pharmacies at military medical treatment facilities under pilot program (sec. 717)*

The Senate amendment contained a provision (sec. 734) that would amend subsections 744(c)(2) and 744(d)(2) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to require the Secretary of Defense to utilize a formula derived from health care industry best practices in determining the average wait times to display under such paragraphs.

The House bill contained no similar provision.

The House recesses.

*Requirement for reimbursement by Department of Defense to entities carrying out State vaccination programs for costs of vaccines provided to covered beneficiaries (sec. 718)*

The Senate amendment contained a provision (sec. 10701) that would amend section 719 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to require the Secretary of Defense to reimburse state vaccination programs for costs of vaccines provided to covered beneficiaries.

The House bill contained no similar provision.

The House recesses.

The conferees note that there appear to be challenges with some state vaccine programs in negotiations with the Department of Defense to determine the number of vaccines provided to TRICARE eligible beneficiaries and the price for reimbursement for the vaccines. The conferees expect both the state programs and the Department to use proper accounting procedures and to negotiate in good faith to determine the reimbursement price for vaccines.

*Extension of authority for Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund (sec. 719)*

The Senate amendment contained a provision (sec. 731) that would extend the authority for the joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund from September 30, 2018, to September 30, 2019.

The House bill contained no similar provision.

The House recesses.

*Residency requirements for podiatrists (sec. 720)*

The House bill contained a provision (sec. 714) that would require the Secretary of Defense to ensure that a podiatrist serving in the Armed Forces must have successfully completed a 3-year podiatric medicine and surgical residency.

The Senate amendment contained no similar provision.

The Senate recesses.

*Authorization of physical therapist assistants and occupational therapy assistants to provide services under the TRICARE program (sec. 721)*

The Senate amendment contained a provision (sec. 5705) that would require the Secretary of Defense to revise section 199.6(c) of title 32, Code of Federal Regulations, to include licensed or certified physical therapist assistants and occupational therapy assistants as authorized providers under the TRICARE program, as defined by section 1072 of title 10, United States Code, to furnish services when under the supervision of a physical therapist or occupational therapist respectively.

The House bill contained no similar provision.

The House recesses.

*Selection of military commanders and directors of military medical treatment facilities (sec. 722)*

The Senate amendment contained a provision (sec. 722) that would require the Secretary of Defense, not later than January 1, 2019, to develop common qualifications and core competencies required for selection of directors of military medical treatment facilities (MTFs). The provision would also establish a minimum length of 3 years for tours of duty, with limited exceptions, for those directors to ensure greater stability in health system executive management at each facility and throughout the military health system.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Secretary of Defense, in consultation with the service secretaries, to develop, not later than January 1, 2019, common qualifications and core competencies required for selection of military commanders and directors of MTFs.

The conferees express concern that MTF commanders and directors typically rotate to new duty stations every 2 years,



and these frequent transfers lead to great instability in the management of hospitals and clinics. The rapid turnover of commanders and directors creates turmoil in hospital executive leadership and management, negatively affecting the performance of the local facility and the overall performance of the entire military health system. The conferees encourage the Secretary to consider extending the tour lengths of those commanders and directors to improve and stabilize the operations of MTFs.

## **SUBTITLE C—REPORTS AND OTHER MATTERS**

### *Pilot program on health care assistance system (sec. 731)*

The House bill contained a provision (sec. 722) that would require the Secretary of Defense to conduct a pilot program to provide health care assistance services to certain covered beneficiaries enrolled in TRICARE Prime or TRICARE Select to improve health outcomes and patient experience for beneficiaries with complex medical conditions. The provision would require the Secretary to carry out the pilot program for an appropriate amount of time determined by the Secretary during the 5-year period beginning January 1, 2018. Additionally, the provision would require the Secretary to submit a report to the Committees on Armed Services of the Senate and the House of Representatives that provides an evaluation of the pilot program.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Secretary of Defense to conduct a pilot program to provide health care assistance services to certain covered beneficiaries enrolled in TRICARE Select using purchased care to improve the health outcomes and patient experience for beneficiaries with complex medical conditions. The Secretary would conduct the pilot program for an amount of time determined appropriate by the Secretary beginning 180 days after the date of the enactment of this Act. Not later than January 1, 2021, the Secretary would submit a report to the Committees on Armed Services of the Senate and the House of Representatives containing an evaluation of the program and a determination whether health care assistance services should be incorporated into TRICARE support contracts.

*Feasibility study on conduct of pilot program on mental health readiness of part-time members of the reserve components of the Armed Forces (sec. 732)*

The Senate amendment contained a provision (sec. 737) that would require the Secretary of Defense, not later than 1 year after the date of the enactment of this Act, to conduct a feasibility study and cost estimate for a pilot program that uses predictive analytics and screening to identify mental health risk and provide early, targeted intervention to part-time members of the reserve component of the Armed Forces.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary to make use of existing models for preventative mental health care, if practicable, when conducting the feasibility study.

*Report on plan to improve pediatric care and related services for children of members of the Armed Forces (sec. 733)*

The Senate amendment contained a provision (sec. 735) that would require the Secretary of Defense to submit to the Committees on Armed Services of the Senate and the House of Representatives a report setting forth a plan of the Department to improve pediatric care and related services for children of members of the Armed Forces.

The House bill contained no similar provision.

The House recedes with an amendment that would modify the elements of the report setting forth a plan of the Department to improve pediatric care and related services for children of members of the Armed Forces.

*Longitudinal medical study on blast pressure exposure of members of the Armed Forces (sec. 734)*

The Senate amendment contained a provision (sec. 5704) that would require the Secretary of Defense to conduct a longitudinal medical study on blast pressure exposure of members of the Armed Forces during combat and training. The provision would also require the Secretary to submit a report to Congress on the results of the study.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary to submit an interim report to the Committees on Armed Services of the Senate and the House of Representatives, not later than 1 year after the date of the enactment of this Act, that describes the study methods and action plan. The Secretary would then submit a final report on the results of the study to the same committees not later than 4 years after the date that the study begins.

*Study on safe opioid prescribing practices (sec. 735)*

The House bill contained a provision (sec. 728) that would require the Secretary of Defense to conduct a study on the effectiveness of the training provided to military healthcare providers regarding opioid prescribing practices, initiatives in opioid safety, the use of the Department of Veterans Affairs/Department of Defense clinical practice guideline for management of opioid therapy for chronic pain, and other related training.

The Senate amendment contained a similar provision (sec. 5701).

The Senate recedes with an amendment that would modify the elements of the study and require the Secretary of Defense to consider the feasibility and advisability of further strengthening opioid prescribing practices of healthcare providers of the Department. The Secretary would provide a briefing on the results of the study to the Committees on Armed Services of the Senate and the House of Representatives not later than 1 year after the date of the enactment of this Act.

*Report on implementation of GAO recommendations (sec. 736)*

The House bill contained a provision (sec. 726) that would require the Secretary of Defense to submit a report to the congressional defense committees, within 180 days after the date of the enactment of this Act, on the implementation of recommendations from the Government Accountability Office report entitled "Actions Needed to Ensure Post-Traumatic Stress Disorder and Traumatic Brain Injury Are Considered in Misconduct Separations" and published on May 16, 2017.

The Senate amendment contained no similar provision.

The Senate recedes.

*Declassification by Department of Defense of certain incidents of exposure of members of the Armed Forces to toxic substances (sec. 737)*

The Senate amendment contained a provision (sec. 1089) that would require the Secretary of Defense to declassify documents related to any known incident of exposure to toxic substances that resulted in disability.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary of Defense to conduct a declassification review of documents related to toxic substance exposure that resulted in the disability of a servicemember.

*Coordination by Veterans Health Administration of efforts to understand effects of burn pits (sec. 738)*

The Senate amendment contained a provision (sec. 11008) that would require the Secretary of Veterans Affairs to establish a center of excellence relating to exposure to burn pits.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Under Secretary for Health of the Department of Veterans Affairs, acting through the Office of Public Health of the Veterans Health Administration, to coordinate efforts on matters relating to burn pit exposure.

*TRICARE technical amendments (sec. 739)*

The Senate amendment contained a provision (sec. 708) that would make several technical amendments to statutory language regarding the TRICARE program.

The House bill contained no similar provision.

The House recedes.

**LEGISLATIVE PROVISIONS NOT ADOPTED**

*TRICARE Advantage demonstration program*

The Senate amendment contained a provision (sec. 701) that would require the Secretary of Defense, in consultation with the Secretary of Health and Human Services, to establish a demonstration program, not later than 1 year after the date of the enactment of this Act, to enable eligible beneficiaries to enroll in Medicare Advantage plans. The Secretary would carry out the demonstration program for a minimum of 5 years. In conducting the demonstration program, the Secretary would competitively select, in market areas with large concentrations of beneficiaries eligible for TRICARE for Life (TFL), one or more Medicare Advantage plans from which the Secretary of Health and Human Services has waived or modified requirements under section 1857(i) of the Social Security Act (42 U.S.C. 1395w-27(i)). The Secretary would use risk-bearing, capitated contracts with Medicare Advantage organizations to administer the demonstration program, and only those Medicare Advantage plans with minimum quality star ratings of four or higher could participate in the program.

Under the demonstration program, the Secretary may include medical services provided by military medical treatment facilities and pharmaceutical agents provided by the TRICARE

Pharmacy benefits program as additional services provided by the Department. The provision would require enrollment of all applicable eligible individuals located in an area participating in the demonstration program, but individuals could opt out of the program if desired. The provision would require the Secretary and the Secretary of Health and Human Services to determine jointly the appropriate distribution of costs and potential savings that result from the demonstration program. Finally, the provision would require the Secretary to submit: (1) An initial report to the Committees on Armed Services of the Senate and the House of Representatives, within 1 year of the date of the enactment of this Act, on implementation of the demonstration program; and (2) A final report to the same committees not later than 4 years after the date of the enactment of this Act.

The House bill contained no similar provision.

The Senate recedes.

The conferees understand there are over 2 million beneficiaries enrolled in the TFL program. Estimated federal spending on health care services for this population totaled about \$16.0 billion last year with Medicare paying about \$12.0 billion and the TFL program paying about \$4.0 billion. The conferees believe that a TRICARE Advantage demonstration program would result in better health outcomes for TFL beneficiaries with costly chronic health conditions and help to prevent over-utilization of high-cost health care services. The conferees encourage the Department to conduct a TRICARE Advantage demonstration program under its existing demonstration authority.

*Modification of eligibility for TRICARE Reserve Select and TRICARE Retired Reserve of certain members of the reserve components*

The Senate amendment contained a provision (sec. 703) that would amend sections 1076d(a) and 1076e(a) of title 10, United States Code, to authorize enrollment in TRICARE Reserve Select or TRICARE Retired Reserve of a servicemember who is enrolled, or is eligible to enroll, in a health benefits plan under chapter 89 of title 5, United States Code.

The House bill contained no similar provision.

The Senate recedes.

*Mental health assessments for members of the Armed Forces deployed in support of a contingency operation*

The House bill contained a provision (sec. 704) that would amend section 1074m(a)(1)(B) of title 10, United States Code, to provide that servicemembers deployed in support of a contingency operation receive a mental health assessment once during each 180-day period during which the member is deployed.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the military services have ongoing programs to identify, manage, and prevent combat stress-related disorders that may arise in a deployed environment. Behavioral health specialists, serving on the battlefield, routinely screen servicemembers for combat stress reactions and refer them for specialty care as needed. The conferees are concerned that requiring additional mid-deployment mental health assessments may disrupt military operations by removing personnel from their operational duties to engage in the assessment process.

*Counseling and treatment for substance use disorders and chronic pain management services for members who separate from the Armed Forces*

The House bill contained a provision (sec. 705) that would amend section 1145(a)(6)(B)(i) of title 10, United States Code, to require the Secretary of Defense to provide counseling and treatment for substance use disorders and chronic pain management services for servicemembers who separate from military service.

The Senate amendment contained no similar provision.

The House recesses.

*Consolidation of cost-sharing requirements under TRICARE Select and TRICARE Prime*

The Senate amendment contained a provision (sec. 707) that would amend section 1075 of title 10, United States Code, to consolidate cost-sharing requirements under TRICARE Prime and Select. This provision would eliminate the grandfathering of cost-sharing requirements for beneficiaries enrolled in the TRICARE program prior to January 1, 2018, as authorized in section 701 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). The amendments under this provision would take effect on January 1, 2018.

The House bill contained no similar provision.

The Senate recesses.

The conferees voice concern over several unintended consequences resulting from enactment of section 701 of the National Defense Authorization Act for the Fiscal Year 2017

(Public Law 114-328), which exempted current beneficiaries ("grandfathered" beneficiaries) from the requirement to pay an annual enrollment fee as required by the provision. This law resulted in different cost sharing requirements for "grandfathered" and "non-grandfathered" beneficiaries receiving the same TRICARE benefit. Generally, the beneficiaries who are required to pay the annual enrollment fee have lower copayments for care than the grandfathered beneficiaries who do not pay the enrollment fee. The conferees are concerned that disparate copayments for care will create confusion for health care providers who will have to assess different copayments for each category of beneficiary, as well as unnecessary infrastructure for the Department of Defense (DOD) to maintain two different healthcare benefits.

The conferees recognize the desirability of creating a single health benefit structure for all beneficiary categories, which would reduce DOD's burden of implementing and maintaining two separate health benefits over several decades in the future. The conferees agree that beneficiaries - Active-Duty servicemembers and their families and retirees and their families - deserve a robust healthcare benefit that provides high quality healthcare in a fiscally prudent manner while enhancing and preserving military readiness. The conferees will closely monitor the implementation of TRICARE's health plan options in 2018 and will expect to enact further changes in law to ensure the military healthcare benefit remains fiscally viable for beneficiaries and for DOD in the future as it improves the quality of care and the experience of care for all beneficiaries.

#### *Contraception coverage parity under the TRICARE program*

The Senate amendment contained a provision (sec. 709) that would amend section 1074d of title 10, United States Code, to require coverage of contraception services for all female covered beneficiaries under the TRICARE program. The provision would prohibit cost-sharing for certain contraception services, including all methods of contraception approved by the Food and Drug Administration, contraceptive care, sterilization procedures, and education and counseling, provided to beneficiaries covered by TRICARE.

The House bill contained no similar provision.

The Senate recedes.

#### *Training requirement for health care professionals prescribing opioids for treatment of pain in the Armed Forces*

The House bill contained a provision (sec. 715) that would require the Secretary of Defense to ensure that health care professionals, other than pharmacists, authorized to prescribe or dispense opioids for treatment of pain must comply with a 12-hour training requirement, provided by certain civilian pain management and addiction medicine associations, at least once during each 3-year period.

The Senate amendment contained no similar provision.

The House recesses.

*One-year extension of pilot program for prescription drug acquisition cost parity in the TRICARE pharmacy benefits program*

The House bill contained a provision (sec. 721) that would amend section 743(d) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to extend the authority of the Secretary of Defense to conduct a pilot program for prescription drug acquisition cost parity in the TRICARE pharmacy benefits program from October 1, 2018 through September 30, 2019.

The Senate amendment contained no similar provision.

The House recesses.

*Research of chronic traumatic encephalopathy*

The House bill contained a provision (sec. 723) that would authorize \$25.0 million for research, development, test, and evaluation for the Defense Health Program to award grants to medical researchers and universities to support research into early detection of chronic traumatic encephalopathy.

The Senate amendment contained no similar provision.

The House recesses.

*Prohibition on availability of funds for termination of Vets4Warriors crisis hotline program*

The House bill contained a provision (sec. 725) that would prohibit the Department of Defense from obligating or expending funds to terminate the Vets4Warriors crisis hotline program unless the Secretary of Defense submits a report to the congressional defense committees describing a sufficient replacement for the program.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the Vets4Warriors program was terminated in fiscal year 2015.



*Pilot program on establishment of integrated health care delivery systems*

The Senate amendment contained a provision (sec. 725) that would require the Secretary of Defense, within 1 year of the date of the enactment of this Act, to conduct a pilot program of not less than 5 years duration to establish integrated health care delivery systems among the military health system, other federal health systems, and private sector integrated health systems. In consultation with the Secretaries of Veterans Affairs and Health and Human Services, the Secretary would establish a multi-disciplinary task force to develop a plan to implement the pilot program. Not later than 180 days after the date of the enactment of this Act, the task force would submit an implementation plan for the pilot program to the Secretary that would: (1) Create high-value integrated health systems; (2) Empower health care providers with real-time advanced information technology solutions; (3) Empower patients with transparent information on health care costs, quality outcomes, and safety within health care provider networks; and (4) Provide incentives to patients and health care providers to prevent overuse of low-value health care services. The provision would require the Secretary to submit a report on the implementation plan to the Committees on Armed Services of the Senate and the House of Representatives not later than 270 days after the date of the enactment of this Act. Finally, the Secretary would submit a final report on the pilot program to the same committees not later than 4 years after the date of the enactment of this Act.

The House bill contained no similar provision.

The Senate recesses.

The conferees strongly encourage the Departments of Defense and Veterans Affairs to pursue innovative solutions to improve access to care, the quality and safety of care, and beneficiaries' health outcomes by establishing enduring partnerships with high-performing private sector health systems.

*Authorization of intergovernmental agreements for the provision of health screenings*

The House bill contained a provision (sec. 727) that would amend section 2679(e)(1) of title 10, United States Code, to authorize intergovernmental agreements to provide health screenings for conditions related to perfluorooctanesulfonic acid and perfluorooctanoic acid in communities near formerly closed defense sites identified by the Secretary of Defense as sources of those acids.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Tick-borne diseases*

The House bill contained a provision (sec. 729) that would authorize the Secretary of Defense to authorize grants to medical researchers and universities to support research on improving the detection and diagnosis of tick-borne diseases.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Report*

The House bill contained a provision (sec. 730) that would require the Secretary of Defense to submit a report to Congress, for each of the fiscal years 2018 through 2021, on activities, programs, priority areas, and current policy and planning documents with respect to infectious disease.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees support the Department of Defense's efforts to improve the ability of partner nations to respond to the spread of naturally occurring and dangerous emerging infectious disease outbreaks. These programs contribute to the Department's overall Strategy for Countering Weapons of Mass Destruction, including biological attack and pandemics, since mitigating the spread of diseases early in an outbreak enhances global health security and saves lives. The conferees encourage the Department to continue such efforts to minimize risk to our military forces and families.

#### *Provision of support by Department of Defense to Department of Veterans Affairs regarding electronic health record system*

The House bill contained a provision (sec. 731) that would authorize the Secretary of Defense to support the Secretary of Veterans Affairs (VA) in the development and implementation of an electronic health record system. The provision would require the secretaries to conduct an annual review of their efforts to achieve complete interoperability between their electronic health record (EHR) systems and to submit jointly an annual report to the Committees on Armed Services and the Committees on Veterans Affairs of the Senate and the House of Representatives not later than 60 days after completing the annual review required under this provision. The requirements to conduct an annual review and to provide an annual report would terminate on

the date on which the secretaries certify to the same committees that the EHRs of the two departments are completely interoperable.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees support the decision by the VA to adopt the EHR of the Department of Defense (DOD), MHS Genesis, which consists of a commercial off-the-shelf EHR system, Cerner Millennium. The conferees note that the VA is working closely with DOD to leverage the platform, architecture, tools, and processes established for MHS Genesis to ensure successful implementation of its new EHR throughout VA's hospitals and clinics. The conferees expect the two departments to continue their ongoing extensive collaboration to ensure complete interoperability between their EHRs.

*Increased collaboration with NIH to combat triple negative breast cancer*

The House bill contained a provision (sec. 732) that would require the Department of Defense to collaborate with the National Institutes of Health on triple negative breast cancer research.

The Senate amendment contained no similar provision.  
The House recesses.

*Encouraging transition of military medical professionals into employment with Veterans Health Administration*

The House bill contained a provision (sec. 733) that would require the Secretary of Defense to establish a program to encourage a servicemember with a health care military occupational specialty to seek employment with the Veterans Health Administration upon discharge or release from the Armed Forces.

The Senate amendment contained no similar provision.  
The House recesses.

*Prohibition on conduct of certain medical research and development projects*

The Senate amendment contained a provision (sec. 733) that would prohibit the Secretary of Defense and each service secretary from funding or conducting a medical research and development project unless the secretary concerned submits a written certification to the Committees on Armed Services of the Senate and the House of Representatives that the project is

directly designed to protect, enhance, or restore the health and safety of members of the Armed Forces. Additionally, the secretary concerned could not initiate the funding or conduct of any such project until 90 days after submission of written certification to the committees.

The House bill contained no similar provision.

The Senate recedes.

The conferees are concerned with the amount of congressional funding for medical research in the Department of Defense's (DOD) Congressionally Directed Medical Research Program (CDMRP), and the pressure these increased funds inadvertently place on other defense priorities as a result of budget caps. Since 1992, Congress has appropriated over \$11.7 billion for medical research administered by the CDMRP – 4,000 percent growth since 1992 – but not all of that medical research is directly relevant to military service. Annual funding for CDMRP has more than doubled since 2013, when budget caps mandated by the Budget Control Act of 2011 (Public Law 112-25) took effect. This funding, neither authorized by Congress nor requested by DOD, is increasing at a time when other vital programs critical to the nation's defense are dangerously underfunded. As long as the budget caps remain in place under the Budget Control Act, additional funds placed in the CDRMP will directly compete with other budget priorities in the Department. While the conferees agree that DOD has a proper and vital role to play in medical research related to combat readiness, especially in areas like prosthetics, traumatic brain injury, and spinal cord injury, additional funding for medical research unrelated to unique military needs should be allocated elsewhere in the federal government. Therefore, the conferees encourage funding only those medical research and development projects that protect and enhance military readiness or restore the health and safety of members of the Armed Forces. Furthermore, the conferees encourage the Department to develop a strategic plan for all medical research to ensure synergy and efficiency across the military departments as well as other federal agencies.

*Inclusion of gambling disorder in health assessments and related research efforts of the Department of Defense*

The Senate amendment contained a provision (sec. 736) that would require the Secretary of Defense to incorporate medical screening questions specific to gambling disorder into the Annual Periodic Health Assessment (DD Form 3024) conducted by the Department for members of the Armed Forces. Additionally, the provision would require the Secretary to incorporate

questions on gambling disorder into its ongoing research survey efforts.

The House bill contained no similar provision.

The Senate recesses.

## **TITLE VIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT, AND RELATED MATTERS**

### **SUBTITLE A—ACQUISITION POLICY AND MANAGEMENT**

*Statements of purpose for Department of Defense acquisition  
(sec. 801)*

The Senate amendment contained a provision (sec. 804) that would create consistency between the Defense Federal Acquisition Regulation and current Department of Defense policies and instructions with respect to the purpose of the defense acquisition system. The committee notes that the Department of Defense is constantly forced to balance equities related to the near and far term defense needs as well as defense and national security goals and broader national and public policy goals. The Department also struggles to align goals relative to improving the speed and response to threats with public transparency and fiscal stewardship and in executing a growing set of missions within a defined budget. The committee remains concerned that these balances and goals sometimes drive the Department into practices that drive up costs, slow down the acquisition process, and result in sub-optimal capabilities being developed and deployed to operational forces.

The House bill contained no similar provision.

The House recesses.

*Management of intellectual property matters within the  
Department of Defense (sec. 802)*

The House bill contained a provision (sec. 813) that would create a small cadre of experts in intellectual property (IP) that would advise, assist, and provide resources to program offices as they develop their IP strategies and negotiate with industry. This provision would also establish a centralized Office of Intellectual Property within the Department of Defense to standardize the Department's approach toward obtaining technical data, promulgate policy on IP, oversee the cadre of IP experts, and serve as a single point of contact for industry on

IP matters. Finally, this provision would add IP positions to the acquisition workforce and would revise the training provided to the acquisition workforce on IP matters.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would require the Under Secretary of Defense for Acquisition and Sustainment to establish an appropriate organizational structure to support the cadre of intellectual property experts.

The conferees intend the Department of Defense to leverage the designation of the intellectual property workforce as part of the acquisition workforce to focus significant attention and resources on the development and professionalization of the workforce, for example by using resources from the Defense Acquisition Workforce Development Fund to expand access to training and educational opportunities.

The conferees expect the Under Secretary to foster communications with industry and designate a central point of contact within the Department of Defense for communications with contractors on intellectual property matters. As part of such communications, the Department of Defense shall regularly engage with appropriately representative entities, including large and small businesses, traditional and nontraditional Government contractors, prime contractors and subcontractors, and maintenance repair organizations.

#### *Performance of incurred cost audits (sec. 803)*

The House bill contained a provision (sec. 802) that would require the Secretary of Defense to adhere to commercial standards for risk and materiality when auditing costs incurred under flexibly priced contracts; would authorize the Secretary of Defense to use qualified private auditors under certain conditions; sets new targets for timely completion of incurred cost audits; and would require that the Defense Contract Audit Agency undergo a peer review by a commercial auditor; and would direct a review by the Comptroller General of the United States evaluating the Department's performance of incurred cost audits, to include the use of qualified private auditors.

The Senate amendment contained no similar provision.

The Senate recesses with amendments that increase the Department's flexibility to use multi-year auditing; encourage the Department to study and incorporate materiality standards; incorporate lessons from civilian agencies' use of private auditors; clarify the applicability and use of professional auditing standards for both conducting incurred cost audits and the peer review of the Defense Contract Audit Agency; and for the use of qualified private auditors, explicitly address

potential conflicts of interest, independence, and appropriate use of data.

The conferees also direct the Director of the Defense Contract Audit Agency, in consultation with the Under Secretary of Defense (Comptroller) to brief the Committees on Armed Services of the Senate and the House of Representatives, within 180 days after the date of enactment of this Act, to contain the following elements:

(1) The current education, certifications, and qualifications of the Defense Contract Audit Agency workforce, by supervisory and non-supervisory levels and type of position.

(2) Shortfalls (if any) in education, qualification, or training in the Defense Contract Audit Agency workforce, by supervisory and non-supervisory levels and type of position, and the reasons for those shortfalls.

(3) The link (if any) between Defense Contract Audit Agency workforce skill and experience gaps and the Agency's backlog of audits.

(4) The link (if any) between the effectiveness of Defense Contract Audit Agency regional directors and their education, certifications, and qualifications.

(5) The number of Defense Contract Audit Agency auditors who have relevant private sector experience, including from industry exchanges while at the Defense Contract Audit Agency and from prior employment experiences, and the perspective of the Defense Contract Audit Agency on the benefits of those experiences.

(6) Ongoing efforts and future plans by the Defense Contract Audit Agency to improve the professionalization of its audit workforce, including changes in hiring, training, required certifications or qualifications, compensation structure, and increased opportunities for industry exchanges or rotations.

#### *Repeal of certain auditing requirements (sec. 804)*

The House bill contained a provision (sec. 874) that would amend Section 190 of title 10, United States Code, as proposed to be added by section 820(b)(1) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat. 2274), by striking subsection (f).

The Senate amendment contained no similar provision.

The Senate recedes.

#### *Increased simplified acquisition threshold (sec. 805)*

The Senate amendment contained a provision (sec. 812) that would amend chapter 137 of title 10, United States Code, to set

the simplified acquisition threshold at \$250,000 for the Department of Defense in order to reflect a modest increase in inflation due to the erosion of purchasing power under the current threshold.

The House bill contained no similar provision.

The House recesses with an amendment that would increase the simplified acquisition threshold to \$250,000 government-wide.

The conferees note that this change will expand opportunities for Small and Disadvantaged Businesses, Women-Owned Small Businesses, Service Disabled Veteran Owned Small Business, and businesses in Historically Underutilized Business Zones to contract with the Department of Defense to provide innovation and rapid solutions and services to the Department. The conferees direct the Secretary of Defense to submit a report, no later than January 1, 2020, to the Committee on Armed Services of the House of Representatives, the Committee on Armed Services of the Senate, the Committee on Oversight and Government Reform of the House of Representatives and the Committee on Homeland Security and Governmental Affairs of the Senate describing the increased participation of small and disadvantaged businesses and competition that has resulted from this change in law.

*Requirements related to the micro-purchase threshold (sec. 806)*

The Senate amendment contained a provision (sec. 10804) that would amend Section 1902(a)(1) of title 41, United States Code to increase the micro-purchase threshold to \$10,000. This provision would also prohibit the use of convenience checks for amounts greater than one half of the micro-purchase threshold.

The House bill contained no similar provision.

The House recesses with a technical amendment.

*Process for enhanced supply chain scrutiny (sec. 807)*

The House bill contained a provision (sec. 875) that would require the Director of National Intelligence to develop a list of telecommunications contractors who have been found to have knowingly assisted or facilitated a cyber attack carried out or on behalf of the government of the Democratic People's Republic of Korea and would prohibit the Secretary of Defense from entering into a contract with any entity on this list.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would require the Secretary of Defense to establish a process for enhancing scrutiny of acquisition decisions in order to improve the



integration of supply chain risk management into the overall acquisition decision cycle.

*Defense policy advisory committee on technology (sec. 808)*

The Senate amendment contained a provision (sec. 805) that would require the Secretary of Defense to establish a committee of senior executives from U.S. firms in the national technology and industrial base who would meet with the Secretary, the secretaries of the military departments, and members of the Joint Chiefs of Staff on at least an annual basis from fiscal years 2018 to 2022. This committee would be exempt from the Federal Advisory Committee Act (5 U.S.C. App.) due to the sensitive nature of its work.

The House bill contained no similar provision.

The House recedes with an amendment that would direct the Chief Management Officer (CMO) to act as the point of coordination for committee meetings.

The conferees recognize the need for the key stakeholders in the Department to have the ability to leverage expertise in the private sector, especially when discussing current trends in technology, and how those technologies may threaten U.S. national security. While those discussions can happen informally, the conferees believe that the ability to convene advisors and share information and views on larger technology trends that will affect strategy and policy for the Department is of vital importance in the future.

The conferees also note that in designating the Chief Management Officer as the point of coordination for this advisory committee, the intent is not to give them the authority to approve or deny requests by other offices to convene committee meetings, or in any way to prevent access to the committee by other offices within the Department. The conferees recognize the need to have a process for managing the demands on this group, including prioritizing the needs of the Secretary of Defense, the secretaries of the military departments and the members of the Joint Chiefs of Staff. However, the conferees expect the CMO to develop a process and guidance for requesting support from this committee that can be made available throughout the Department, as well as encouragement from a broad stakeholder base to make use of the services of this committee.

*Report on extension of development, acquisition, and sustainment authorities of the military departments to the United States Special Operations Command (sec. 809)*

The Senate amendment contained a provision (sec. 806) that would require the Secretary of Defense to carry out a review of the acquisition authorities available to the secretaries of the military departments and the acquisition executives of the military departments to determine the feasibility and advisability of providing such authorities to the Commander of the United States Special Operations Command (SOCOM) and the acquisition executive of the Command for the development, acquisition, and sustainment of special operations-peculiar technology, equipment, and services.

The House bill contained no similar provision.

The House recesses.

*Technical and conforming amendments related to program management provisions (sec. 810)*

The Senate amendment contained a provision (sec. 802) that would make technical and conforming amendments related to program management provisions from the National Defense Authorization Act of 2017 (Public Law 114-328).

The House bill contained no similar provision.

The House recesses with a technical amendment.

## **SUBTITLE B—AMENDMENTS TO GENERAL CONTRACTING AUTHORITIES, PROCEDURES, AND LIMITATIONS**

*Modifications to cost or pricing data and reporting requirements (sec. 811)*

The House bill contained a provision (sec. 803) that would amend section 2306a of title 10, United States Code, and section 3502 of title 41, United States Code, to raise contract dollar thresholds that require submission of certified cost and pricing data. The threshold for non-competitive prime contracts, modifications of such contracts, subcontracts, and modifications of subcontracts would increase from \$500,000 to \$2.5 million, while the threshold for modifications to legacy contracts would increase from \$100,000 to \$750,000. The section would further amend section 2306a of title 10, United States Code, to require offerors to submit other than certified cost or pricing data sufficient to determine price reasonableness when certified cost or pricing data is not required. This section also would amend section 2313a of title 10, United States Code, to revise reporting requirements of the Defense Contract Audit Agency (DCAA) to provide more clarity on the cost effectiveness of

different types of audits. It would require DCAA to report separately for incurred cost, forward pricing, and other audits with regard to the number and dollar value of audits completed and pending, sustained questioned costs, the costs of performing audits, and the return on investment of conducting audits. This section also would change the inflation calculation for the thresholds for certified cost and pricing data, as well as covered contracts related to allowable costs, to be consistent with the inflation methodology in section 1908 of title 41, United States Code.

The Senate amendment contained a similar provision (sec. 813) that would amend section 2306a of title 10, United States Code, to increase the threshold for certified cost or pricing data and truth in negotiation requirements to \$1.0 million.

The Senate amendment contained another similar provision (sec. 894) that would establish a standard definition for the Defense Contract Audit Agency's (DCAA) reporting on its backlog. In future reporting, DCAA should include any individual incurred cost audit that has not been completed within 18 months after receipt of a qualified proposal as part of the incurred cost audit backlog.

The Senate recedes with an amendment that would eliminate the Senate provision related to DCAA reporting and would change the threshold for non-competitive prime contracts, modifications of such contracts, subcontracts, and modifications of subcontracts would increase from \$500,000 to \$2.0 million.

#### *Applicability of cost and pricing data certification requirements (sec. 812)*

The Senate amendment contained a provision (sec. 866) that would amend section 2306a(b)(1) of title 10, United States Code, to clarify that additional certification is not required for a foreign military sale where there is already an existing U.S. Government contract for the same or similar item or service for which the U.S. Government has current cost and pricing data and insights into the reasonableness of price.

The House bill contained no similar provision.

The House recedes with an amendment that would amend the pilot program on foreign military sales authorized by Section 830(d) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat. 2286) to add in a waiver of cost or pricing certification requirements under section 2306a(a)(2) of title 10, United States Code, if the Secretary of Defense determines that the Federal Government has sufficient data and information regarding the reasonableness of the price. The amendment would further clarify that the Secretary of

Defense and the Secretary of State shall jointly determine whether a product is considered to be a similar product for purposes of the pilot program.

*Sunset of certain provisions relating to the procurement of goods other than United States goods (sec. 813)*

The House bill contained a provision (sec. 862) that would amend section 2534 of title 10, United States Code, and would require certain auxiliary ship components to be procured from a manufacturer in the national technology and industrial base.

The Senate amendment contained a similar provision (sec. 863) that would amend section 2534 of title 10, United States Code, to sunset miscellaneous limitations on the procurement of goods other than United States goods at the close of September 30, 2018.

The House recedes with an amendment that would apply the sunset of certain provisions relating to the procurement of goods to chemical weapons antidotes and photovoltaic devices only.

*Comptroller General report on health and safety records (sec. 814)*

The Senate amendment contained a provision (sec. 830) that would require contracting officers, prior to awarding or renewing covered contracts, to consider any identified violations of the Occupational Safety and Health Act of 1970 or equivalent State laws by the offeror or covered subcontractors using publicly available information. Contractors would have the right to protest bids and appeal actions taken pursuant to this provision. The provision would have also required a Comptroller General report on health and safety record of defense contractors.

The House bill contained no similar provision.

The House recedes with an amendment to require a Comptroller General report on health and safety record of defense contractors.

The conferees note that Federal Acquisition Regulations state that "purchases shall be made from, and contracts shall be awarded to, responsible prospective contractors only," and that to be "determined responsible", a prospective contractor must "have the necessary organization, experience, accounting and operational controls, and technical skills, or the ability to obtain them (including, as appropriate, such elements as production control procedures, property control systems, quality assurance measures, and safety programs applicable to materials

to be produced or services to be performed by the prospective contractor and subcontractors)". The conferees direct the Secretary of Defense to ensure that contracting officials award contracts consistent with federal acquisition regulations, including those required safety elements.

The conferees further note a senior DOD official committed to "looking into how the Navy tracks and monitors workplace safety violations at the shipyards that it's doing business with," and looks forward to being informed of the results of that review, which will support efforts to ensure that the men and women in the industrial base who support operational forces are employed in the safest possible workplaces.

The conferees direct the Secretary of Defense to brief the congressional defense committees on current policies to track incidences of health and safety violations at defense contractors; whether contracting officers are currently directed to consider such information in the course of making responsibility determinations before a contract award; and how the Department measures whether such information was in fact taken into consideration, no later than one year after the date of enactment of this Act.

#### *Limitation on unilateral definitization (sec. 815)*

The House bill contained a provision (sec. 851) that would amend section 2326 of title 10, United States Code, to require the approval of the agency head before a Department of Defense contracting officer can unilaterally definitize the specifications, terms, or price of undefinitized contractual actions (UCAs) valued greater than \$1.0 billion. Currently, departmental regulations allow contracting officers to unilaterally determine reasonable prices and applicable clauses governing definitized contracts, with approval from the head of contracting activity.

The Senate amendment contained a similar provision (sec. 823) that would apply limitations and a notice and wait period to all undefinitized contractual actions of \$50.0 million or greater. Such limitations would require that if an agreement is not reached on contractual terms, specifications, and price by a date certain, the contracting officer may not unilaterally definitize those terms, specifications, and price over the objection of the contractor until the head of the agency approves the definitization in writing, the contracting office provides the written approval to the contractor, and the head of the agency notifies the congressional defense committees of the approval. The contract modification unilaterally definitizing

the action should not take effect until 60 calendar days after the congressional defense committees have been notified.

The Senate recedes with an amendment that would change the dollar threshold to \$50.0 million and modify the approval authority to the service acquisition executive for the military department that awarded the contract or the Under Secretary of Defense for Acquisition and Sustainment if the contract was awarded by a Defense Agency or other component of the Department of Defense.

*Amendment to sustainment reviews (sec. 816)*

The House bill contained a provision (sec. 854) that would amend section 2441 of title 10, United States Code, pertaining to sustainment reviews of major weapon systems to require the Secretaries of the military departments to make the results of sustainment reviews and supporting documentation available to the Under Secretary of Defense for Acquisition and Sustainment.

The Senate amendment contained no similar provision.

The Senate recedes.

*Use of program income by eligible entities that carry out procurement technical assistance programs (sec. 817)*

The House bill contained a provision (sec. 853) that would amend section 2414 of title 10, United States Code, to give Procurement Technical Assistance Centers limited authority to carry over program income into the next fiscal year to further program objectives.

The Senate amendment contained no similar provision.

The Senate recedes.

The conferees expect that this authority will not result in excessive fees to small businesses for procurement technical assistance services.

*Enhanced post-award debriefing rights (sec. 818)*

The Senate amendment contained a provision (sec. 822) that would require the Secretary of Defense, no later than 120 days after the date of enactment of this Act, to revise the Department of Defense Supplement to the Federal Acquisition Regulation to require that all mandatory post-award debriefings must provide details and comprehensive statements of the agency's rating for each evaluation criterion and of the agency's overall award decision. The revision would encourage the release of all information that would otherwise be releasable in the course of a bid protest challenge to an award

to protect the confidential and proprietary information of other offerors. This provision would allow for the opportunity for follow-up questions for a disappointed offeror within two business days of receiving a post-award debriefing to be answered in writing by the agency within five business days.

The House bill contained no similar provision.

The House recedes with an amendment that removes the bid protest decision timeline modification and requires a threshold of contract awards in excess of \$100.0 million for a mandatory disclosure of the agency's written source selection award determination and an option for small businesses or nontraditional contractors with contracts in excess of \$10.0 million but less than \$100.0 million to request such disclosure.

*Amendments relating to information technology (sec. 819)*

The House bill contained a provision (sec. 873) that would eliminate the sunset of certain provisions relating to information technology, extend the sunset relating to the Federal Data Center Consolidation Initiative, and for other purposes.

The Senate amendment contained no similar provision.

The Senate recedes.

*Change to definition of subcontract in certain circumstances (sec. 820)*

The House bill contained a provision (sec. 859) that would amend section 1906(c)(1) of title 41, United States Code, to make the definition of subcontract in that section consistent with the definition in section 2375 of title 10, United States Code.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Amendment relating to applicability of inflation adjustments (sec. 821)*

The House bill contained a provision (sec. 860) that would modify section 1908(d) of title 41, United States Code, to ensure 5-year inflation adjustments apply consistently to all subcontractors. Currently, inflation adjustments impact only prime contractors, so that subcontractors must maintain a compliance requirement for some contracts but not others.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Use of lowest price technically acceptable source selection process (sec. 822)*

The House bill contained a provision (sec. 856) that would amend section 813 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to require the Secretary of Defense to amend the Defense Federal Acquisition Regulation Supplement to require that lowest price technically acceptable source selection criteria are only used in situations in which the Department would realize no or minimal additional innovation or future technological advantage, and, with respect to a contract for procurement of goods, the goods procured are predominantly expendable in nature, nontechnical, or have a short life expectancy. The provision would also require the avoidance of the use of lowest price technically acceptable source selection criteria when procuring certain types of electronic test and measurement equipment.

The Senate amendment contained a similar provision (sec. 825).

The House recesses with an amendment that makes technical clarifications.

*Exemption from design-build selection procedures (sec. 823)*

The House bill contained a provision (sec. 861) that would amend section 2305a of title 10, United States Code, to exempt solicitations issued pursuant to an indefinite delivery/indefinite quantity contract from the statutory limitation on the number of offerors that may proceed to step-two of the procurement selection process.

The Senate amendment contained no similar provision.

The Senate recesses.

*Contract closeout authority (sec. 824)*

The Senate amendment contained a provision (sec. 828) that would amend section 836(b)(1) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to extend contract closeout authority to those contracts entered into at least 17 years before the current fiscal year.

The House bill contained no similar provision.

The House recesses with a technical amendment.

*Elimination of cost underruns as factor in calculation of penalties for cost overruns (sec. 825)*



The Senate amendment contained a provision (sec. 827) that would amend section 828(b) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92; 10 U.S.C. 2430 note) to remove the use of cost underruns to offset cost overruns and avoid the cost overrun penalty, beginning in fiscal year 2018.

The House bill contained no similar provision.

The House recedes with an amendment that would limit the maximum penalty to not exceed \$50.0 million per service and to clarify the accounts to which the penalties are applied.

*Modification to annual meeting requirement of Configuration Steering Boards (sec. 826)*

The House bill contained a provision (sec. 858) that would amend section 814 of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110-417) to remove the requirement for a Configuration Steering Board to meet annually to review an acquisition program if the senior acquisition executive determines in writing that there were no changes to the requirements of the acquisition program during the preceding year.

The Senate amendment contained no similar provision.

The Senate recedes.

*Pilot program on payment of costs for denied Government Accountability Office bid protests (sec. 827)*

The Senate amendment contained a provision (sec. 821) that would amend chapter 137 of title 10, United States Code, to require contractors who file bid protests with the Government Accountability Office on a contract with the Department of Defense to pay to the Department of Defense costs incurred for processing a protest at the Government Accountability Office and the Department of Defense when such a protest is filed by a party with revenues in excess of \$100.0 million during the previous year where all of the elements of such protest are denied in an opinion by the Government Accountability Office.

The House bill contained no similar provision.

The House recedes with an amendment that would create a three-year Department of Defense pilot program to begin two years after the date of the enactment of this Act. The triggering dollar threshold is also amended from \$100.0 million to \$250.0 million.

## **SUBTITLE C—PROVISIONS RELATING TO MAJOR DEFENSE ACQUISITION PROGRAMS**

*Revisions to definition of major defense acquisition program  
(sec. 831)*

The Senate amendment contained a provision (sec. 835) that would amend section 430(a) of title 10, United States Code, to exclude defense business systems and major automated information systems from the definition of major defense acquisition program.

The House bill contained no similar provision.

The House recesses.

*Prohibition on use of lowest price technically acceptable source selection process for major defense acquisition programs (sec. 832)*

The Senate amendment contained a provision (sec. 836) that would amend chapter 144 of title 10, United States Code, to add a new section that would prohibit the use of a lowest price technically acceptable source selection process for the development contract of a major defense acquisition program (MDAP), beginning with programs requested for fiscal year 2019. The Secretary of Defense would be required to submit to the congressional defense committees a notification of the source selection process that the Department of Defense plans to use for the development contract of an MDAP, with the budget for which authority is requested for the development contract of an MDAP, or within 30 days before release of the request for proposals for the development contract.

The House bill contained no similar provision.

The House recesses with an amendment that would make technical amendments and limits the applicability of the provision to engineering and manufacturing development contracts.

*Role of the Chief of the armed force in material development decision and acquisition system milestones (sec. 833)*

The Senate amendment contained a provision (sec. 837) that would amend section 2547(b) of title 10, United States Code to include the Services Chiefs in the material development decisions and acquisition system milestone decisions with respect to major defense acquisition programs in their respective service.

The House bill contained no similar provision.

The House recedes with an amendment that would clarify the authority of Service Chiefs to concur on joint programs.

*Requirement to emphasize reliability and maintainability in weapon system design (sec. 834)*

The House bill contained a provision (sec. 811) that would emphasize reliability and maintainability (R&M) in the system design of a major defense acquisition program (MDAP). First, the section would require the Secretary of Defense to include R&M as attributes of the existing key performance parameter on sustainment during the requirements development process. Second, when contracting for engineering and manufacturing development (EMD) or production of an MDAP, the program manager would be required to include clearly defined and measurable requirements for engineering activities and design specifications for R&M in the contract solicitation and contract terms unless he or she determines R&M should not be a contract requirement. Third, the section would require the Secretary to encourage the use of objective R&M criteria in the source selection process. Fourth, the section would authorize the use of incentive fees and would require the use of recovery options when practicable to encourage contractor performance in R&M for EMD and production contracts. The Department would be able to exercise incentive fees and recovery options until the date of acceptance of the last item under the contract. Finally, the section would establish a program through which program managers would compete for additional funding to invest in R&M during the EMD or production of an MDAP to reduce future operating and support costs.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would address technical and implementation concerns and provide additional flexibility to the Secretary of Defense to establish appropriate incentives.

*Licensing of appropriate intellectual property to support major weapon systems (sec. 835)*

The House bill contained a provision (sec. 812) that would require the Department of Defense to work with contractors to determine prices for technical data the Department plans to acquire or license before selecting a contractor for the engineering and manufacturing development phase or the production phase of a major weapon system. Additionally, this provision would encourage program managers to negotiate with

industry to obtain the custom set of technical data necessary to support each major defense acquisition program rather than, as a default approach, seeking greater rights to more extensive, detailed technical data than is necessary.

The Senate amendment contained no similar provision.

The Senate recesses.

*Codification of requirements pertaining to assessment, management, and control of operating and support costs for major weapon systems (sec. 836)*

The House bill contained a provision (sec. 852) that would codify section 832 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112-81; 10 U.S.C. 2430 note) on assessing and controlling operating and support costs for major weapons systems.

The Senate amendment contained no similar provision.

The Senate recesses with technical amendments and an amendment that would allow the Under Secretary of Defense for Acquisition and Sustainment to direct the military departments to collect and retain information necessary to support the database on operating and support costs.

*Should-cost management (sec. 837)*

The Senate amendment contained a provision (sec. 803) that would require the Secretary of Defense, within 180 days after the date of enactment of this Act, to amend the Defense Supplement to the Federal Acquisition Regulation to provide for the appropriate use of the should-cost review process in a manner that is transparent, objective, and provides for the efficiency of the systems acquisition process in the Department of Defense. The regulations required would incorporate, at a minimum, the following elements: (1) a description of the feature distinguishing a should-cost review and the analysis of program direct and indirect costs; (2) establishment of a process for communicating with the contractor the elements of a proposed should-cost review; (3) a method for ensuring that identified should-cost savings opportunities are based on accurate, complete, and current information and are associated with specific engineering or business changes that can be quantified and tracked; (4) a description of the training, skills, and experience, including cross functional experience, that Department of Defense and contractor officials carrying out a should-cost review should process; (5) a method for ensuring appropriate collaboration with the contractor throughout the review process; (6) establishment of review process requirements

that provide for sufficient analysis and minimize any impact on program schedule; and (7) a requirement that any separate audit or review carried out in connection with the should-cost review be provided to the prime contractor under the program.

The House bill contained no similar provision.

The House recedes with an amendment that would delete element seven on the requirement to provide any separate audit or review carried out in connection with the should-cost review to the prime contractor under the program.

*Improvements to test and evaluation processes and tools (sec. 838)*

The House bill contained a provision (sec. 815) that would amend sections 2366b and 2366c of title 10, United States Code, to require an assessment of the sufficiency of the developmental test plan and resources for each major defense acquisition program (MDAP) be included in the "acquisition scorecards" that were created in section 808 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would make technical clarifications.

*Enhancements to transparency in test and evaluation processes and data (sec. 839)*

The House bill contained a provision (sec. 833) that would amend section 139 of title 10, United States Code, to require the Director of Operational Test and Evaluation (OT&E) to document specific circumstances that require the addition of smaller programs to the OT&E oversight list and to summarize those circumstances in the annual OT&E report. This provision would also amend section 2399 of title 10, United States Code, to require the Director of OT&E to provide data in test reports on how the capabilities of new systems being tested compare to those of legacy systems. This provision would also amend section 139 of title 10, United States Code, to enhance the opportunity of the military departments to comment on the annual OT&E report to ensure that OT&E information is complete, accurate, and timely. The section also would require improved transparency of T&E cost data to enable oversight entities to better evaluate the adequacy of a program's T&E plans and resources. It would also require the Department of Defense to develop an enterprise approach to T&E knowledge management to leverage T&E data across programs. The Director of the Test Resource Management Center and the senior Department official responsible for developmental

testing would be required to submit a report to the congressional defense committees, within 1 year after the date of the enactment of this Act, on the Department's enterprise approach.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would authorize Service Secretaries and heads of Defense Agencies to provide a description of the performance of the items or components evaluated by the Director of Operational Test and Evaluation in relation to comparable legacy items or components. The amendment would also clarify the role of the Director of the Test Resource Management Center and the Director of Cost Assessment and Program Evaluation in collection and analysis of test and evaluation cost data.

The conferees note the importance of developing an enterprise approach to knowledge management to leverage T&E data across programs to improve program outcomes. The conferees direct the Secretary of Defense, working through the Director of the Test Resource Management Center and the senior Department of Defense official with responsibility for developmental testing to provide to the congressional defense committees a report on the development of an approach for managing test and evaluation knowledge across the entire Department of Defense.

The report shall include the following elements, along with other elements as directed by the Secretary:

(A) The detailed concepts, requirements, technologies, methodologies, and architecture necessary for an enterprise approach to knowledge management for test and evaluation, including data, data analysis tools, and modeling and simulation capabilities;

(B) Resources needed to develop and adopt an enterprise approach to knowledge management for test and evaluation;

(C) Roles and responsibilities of various Department of Defense entities to develop and adopt an enterprise approach to knowledge management for test and evaluation;

(D) Time frames required to develop and adopt an enterprise approach to knowledge management for test and evaluation; and

(E) A description of pilot studies ongoing at the time of the date of the enactment of this Act or previously conducted related to developing an enterprise approach to test and evaluation knowledge management, including results of the pilot studies (if available) and lessons learned.

The report should be transmitted to the Congress no later than one year after the date of the enactment of this Act.

## **SUBTITLE D—PROVISIONS RELATING TO ACQUISITION WORKFORCE**

*Enhancements to the civilian program management workforce (sec. 841)*

The House bill contained a provision (sec. 821) that would require the Secretary of Defense to implement a new career development program for highly qualified, competitively selected civilian employees to increase the pool of experienced civilian employees qualified to serve as program managers for major defense acquisition programs (MDAPs). The Secretary would be required to provide a design for the program to the Committees on Armed Services of the Senate and the House of Representatives within one year after the date of the enactment of this Act. This provision would also require an independent study of personnel policies and incentives needed to attract, retain, and hold accountable civilian and military program managers for the largest and most complex acquisition programs in the Department. The study would be required to be completed within nine months after the date of the enactment of this Act, and the Secretary would be required to provide the study to the congressional defense committees within 30 days thereafter.

The Senate contained no similar provision.

The Senate recedes with an amendment that would add to the analysis on benefits an overview of any pay banding and bonuses offered to qualified civilian employees.

*Credits to Department of Defense Acquisition Workforce  
Development Fund (sec. 842)*

The Senate amendment contained a provision (sec. 844) that would amend section 1705(d)(2)(D) of title 10, United States Code, to clarify that the Secretary of Defense may adjust the amount for a fiscal year to an amount that is not more than \$600.0 million and not less than \$400.0 million if the Secretary determines that the amount is greater or less than reasonably needed for the purposes of the Department of Defense Acquisition Workforce Development Fund for such fiscal year to assist with acquisition workforce planning and development.

The House bill contained no similar provision.

The House recedes.

*Improvements to the hiring and training of the acquisition  
workforce (sec. 843)*

The House bill contained a provision (sec. 822) that would amend section 1705 of title 10, United States Code, to authorize the use of the Defense Acquisition Workforce Development Fund to pay salaries of personnel to manage the Fund. The section also would require the Comptroller General of the United States to submit a report to the congressional defense committees on the effectiveness of existing hiring flexibilities for the acquisition workforce, as well as the need for acquisition training for personnel who work in acquisition programs but are not formally considered part of the acquisition workforce. The provision would require the Department of Defense to evaluate gaps in knowledge of industry operations, industry motivation, and business acumen in the acquisition workforce, and would require the Under Secretary of Defense for Acquisition and Sustainment to submit a report on this evaluation to the Committees on Armed Services of the Senate and the House of Representatives by December 31, 2018. Lastly, the provision would require the Director of the Defense Contract Audit Agency to provide a briefing to the Committees on Armed Services of the Senate and the House of Representatives, not later than 180 days after the date of the enactment of this Act, on strategies to enhance the professionalization of the Agency's workforce to meet increasing demands.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would remove the requirement for the briefing by the Director of the Defense Contract Audit Agency and would add additional study elements for the reviews to be conducted by the Comptroller General of the United States and the Under Secretary of Defense for Acquisition and Sustainment.

*Extension and modifications to acquisition demonstration project (sec. 844)*

The House bill contained a provision (sec. 823) that would amend section 1762 of title 10, United States Code, to extend, through December 2023, the Acquisition Demonstration (AcqDemo) personnel demonstration project that was established in section 4308 of the National Defense Authorization Act for Fiscal Year 1996 (Public Law 104-106). This provision also would require the Secretary of Defense to develop an implementation strategy to address potential AcqDemo improvements that were identified in a recent RAND assessment, and to provide a briefing to the Committees on Armed Services of the Senate and the House of Representatives and the Committee on Oversight and Government Reform of the House of Representatives on the implementation



strategy within 1 year after the date of the enactment of this Act.

The Senate amendment contained a similar provision (sec. 1103) that would amend section 1762 of title 10, United States Code, to provide a permanent authority for personnel programs for employees in the Department of Defense civilian acquisition workforce and supporting personnel assigned to work directly with that workforce. The provision would also increase the number of participants from 120,000 to 130,000.

The Senate recedes with an amendment that would increase the number of participants from 120,000 to 130,000 to account for the increasing need to train individuals managing acquisition programs in cyber deterrence, detection, and response.

## **SUBTITLE E—PROVISIONS RELATING TO COMMERCIAL ITEMS**

### *Procurement through commercial e-commerce portals (sec. 846)*

The House bill contained a provision (sec. 801) that would require to contract with multiple commercial online marketplaces for the procurement of certain commercial-off-the-shelf (COTS) products; directs the use of certain criteria to select providers, including the ability to screen suppliers in accordance with law and regulation; and would require the Comptroller General of the United States to report on small business participation in the marketplaces.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require an implementation plan and a corresponding review by the Comptroller General of the United States, increase the General Services Administration's flexibility to implement through a phased approach, direct the submission of requests for exceptions, and limits initial implementation to procurement of items in contract amounts below the Simplified Acquisition Threshold.

The conferees note that this effort to align the government's requirements with available commercial e-commerce portals provides unique opportunities and will pose challenges during implementation. It will require diligence in uncovering all of the potential implications, to include a full accounting of existing business processes and procedures that currently comprise those in place to conduct the procurements as well as those in place to comply with existing law and regulation. It

will also require a robust understanding of the technical features of the commercial e-commerce portals.

The conferees encourage the Administrator, General Services, to resist the urge to make changes to the existing features, terms and conditions, and business models of available e-commerce portals, but rather demonstrate the government's willingness to adapt the way it does business. Pursuant to a diligent review of existing law and regulation, the conferees direct the Administrator to be judicious in requesting exceptions.

The conferees further direct the Administrator to take great care in selecting which federal agencies and departments participate in the initial rollout phase with the expectation that the Administrator will include the Department of Defense.

The conferees are aware of various fee-based and other business-to-business arrangements to feature products offered by certain vendors in many commercial e-commerce portals. The conferees expect the Administrator to ensure that any contract or other agreement entered into for commercial e-commerce portals under this program preclude such business-to-business arrangements.

Finally, the conferees expect the Administrator to place particular emphasis on preventing suspended and debarred contractors from participation, and ensuring the appropriate participation of small and disadvantaged businesses as required under current law and regulation.

#### *Revision to definition of commercial item (sec. 847)*

The Senate amendment contained a provision (sec. 852) that would amend section 103(8) of title 41, United States Code, to clarify that nondevelopmental items are commercial items when the procuring agency determines, in accordance with conditions in the Federal Acquisition Regulation, that the item was developed exclusively at private expense and has been sold in substantial quantities on a competitive basis to multiple foreign governments.

The House bill contained no similar provision.

The House recedes with an amendment that would clarify that the amendment made by this provision shall not affect the meaning of the term "commercial item" for purposes of subsection (a)(5) of section 2464 of title 10, United States Code.

#### *Commercial item determinations (sec. 848)*

The Senate amendment contained a provision (sec. 853) that would amend section 2380 of title 10, United States Code, to clarify that a contract or sub-contract relating to the prior acquisition of an item using commercial item acquisition procedures under part 12 of the Federal Acquisition Regulation (FAR) should serve as a prior commercial item determination under this section of title 10.

The House bill contained no similar provision.

The House recedes with an amendment that would designate the senior procurement executive of the military department or Department of Defense as the responsible official for reversing a prior commercial item determination and limits the scope of the provision to prime contracts.

#### *Review of regulations on commercial items (sec. 849)*

The Senate amendment contained a provision (sec. 855) that would require the Secretary of Defense to review and, if necessary, revise the Procedures by which the Department of Defense applies government-unique regulations to the process by which it buys commercial items. It would further eliminate all regulations not required by law that were promulgated after the Federal Acquisition Streamlining Act of 1996 (Public Law 103-355) that create government-unique clauses in contracts or subcontracts for the acquisition of commercial items and commercial off-the-shelf (COTS) items, except for regulations that the Secretary determines are vital to national security or required by law.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary to review determinations of the Federal Acquisition Regulations Council regarding contracts and subcontracts described in section 2375 of title 10, United States Code and propose revisions that provide exemptions unless the Secretary determines there is a reason to not do so. The amendment also requires the Secretary to review regulations not required by law or executive order for acquisition of commercial items under part 12 of the Federal Acquisition Regulation and regulations relating to acquisition of commercial-off-the-shelf items. In both cases, the Secretary is required to propose elimination of the reviewed regulations unless the Secretary determines there is a specific reason to retain them.

#### *Training in commercial items procurement (sec. 850)*

The House bill contained a provision (sec. 866) that would require the President of the Defense Acquisition University to establish a training program on part 12 of the Federal Acquisition Regulation pertaining to the procurement of commercial items.

The Senate amendment contained a similar provision (sec. 841).

The House recedes with an amendment that makes technical changes to supporting activities.

## **SUBTITLE F—PROVISIONS RELATING TO SERVICES CONTRACTING**

### *Improvement of planning for acquisition of services (sec. 851)*

The House bill included a provision (sec. 814) that would require the Secretary of Defense to ensure that the appropriate information is available and that the right factors are considered to enable the most effective business decisions regarding the procurement of services. This section would require the Secretaries of the Department of Defense and of the military departments to analyze spending patterns and projected future requirements for contracted services and use this analysis to inform future decisions on services acquisition. Additionally, the section would require the Secretary of Defense to submit to Congress with the annual budget clear and detailed information on the amounts requested for contracted services organized according to the common enterprise data structure required elsewhere in this Act.

The Senate amendment contained a similar provision (sec. 829) that would require the Department of Defense to include certain information on services contracts in annual future years defense programs. The amendment prohibits initiation of public-private (A-76) competitions until this information is provided or until the Secretary of Defense certifies that a plan to provide such information by the next fiscal year has been developed.

The Senate recedes with a technical amendment.

The conferees note that improving the quality of planning, programming, and budgeting for services contracting will improve transparency and allow the Department of Defense to more effectively manage and coordinate the use of service contracts. Further, the Government Accountability Office has recommended that Congress consider requiring the Department to budget for service contracting activities across the full Future Years Defense Program. The conferees note that this may not be

feasible at present, due to a number of significant organizational, business process, and data challenges. Therefore, the conferees direct the Secretary of Defense enter into an agreement with a Federally Funded Research and Development Center or other organization to provide an independent analysis of the feasibility of developing a budget request for the full Future Years Defense Program that project estimated expenditures and proposed appropriations for contracted services, including an analysis of barriers to be addressed and an estimate of a reasonable timeline to deliver such budget materials as part of the President's Budget Request. The study, along with any additional comments provided the Secretary, shall be delivered to the Congress no later than one year after the date of enactment of this Act.

*Standard guidelines for evaluation of requirements for services contracts (sec. 852)*

The House bill contained a provision (sec. 869) that would require the Secretary of Defense to encourage the use of standard guidelines for the evaluation of services contracts throughout the Department of Defense and cited the Army's checklist as a possible model.

The Senate amendment contained no such provision.

The Senate recedes with an amendment that would remove the reference to the Army checklist.

While the conferees decline to designate a single instrument for use across the Department, the conferees firmly believe that the Department's services contracting efforts would benefit from a far more rigorous and analytical approach than the Department has used so far. The conferees expect to see improved discipline in evaluating requirements in the near future.

*Report on outcome-based services contracts (sec. 853)*

The Senate amendment contained a provision (sec. 818) that would require a justification requirement for use of personnel and labor hours for the procurement of services valued in excess of \$10.0 million unless the program manager and contracting officer first submit to the Under Secretary of Defense for Acquisition and Sustainment a written justification including the reasons for basing the contract on those requirements instead of outcome- or performance-based requirements. This authority would sunset at the close of September 20, 2022.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary of Defense to submit to the Committees on Armed Services of the Senate and House of Representatives, no later than April 1, 2018, a report on the merits of using outcome-based services contracts within the Department of Defense.

*Pilot program for longer term multiyear service contracts (sec. 854)*

The Senate amendment contained a provision (sec. 819) that would authorize the Secretary of Defense to use the existing authority under subsection (a) of section 2306c of title 10, United States Code, to enter into up to 5 contracts for periods of not more than 10 years for services described in subsection (b) of such section, which may be extended for up to 5 additional 1-year terms. This authority would be subject to a reporting requirement for the Secretary of Defense to submit a progress report to the Committees on Armed Services of the Senate and the House of Representatives no later than 1 year after the date of enactment of this Act. The provision would also require a review by the Comptroller General of the United States, who would be required to submit a report of to the congressional defense committees not later than 2 years after the date of enactment of this Act.

The Secretary of Defense would also be required to enter into an agreement no later than 90 days after enactment of this Act with an independent organization with relevant expertise to study best practices and lessons learned from using services contracts for periods longer than 5 years by commercial companies, foreign governments, and state governments, as well as service contracts for periods longer than 5 years used by the Federal Government, such as Energy Savings Performance Contracts. Such Energy Savings Performance Contracts provide an existing example of longer term multiyear service contracts and are an alternative financing mechanism designed to accelerate investment in cost effective energy conservation measures in existing federal buildings.

The House bill contained no similar provision.

The House recedes with a technical amendment.

## **SUBTITLE G—PROVISIONS RELATING TO OTHER TRANSACTION AUTHORITY AND PROTOTYPING**

*Contract authority for advanced development of initial or additional prototype units (sec. 861)*

The Senate amendment contained a provision (sec. 814) that would amend chapter 137 of title 10, United States Code, and would add a new section related to the contract authority allowed for advanced development of initial or additional prototype units.

The House bill contained no similar provision.

The House recedes with an amendment that would change the dollar value of work to \$100.0 million in fiscal year 2017 constant dollars and would strike the modification of competitive procedures definition.

*Methods for entering into research agreements (sec. 862)*

The Senate amendment contained a provision (sec. 874) that would amend section 2358 of title 10, United States Code, to explicitly authorize the use of Other Transactions Authority and Experimental Procurement Authority as methods for entering into research agreements with industry, academia, and other researchers and technology developers.

The House bill contained no similar provision.

The House recedes.

*Education and training for transactions other than contracts and grants (sec. 863)*

The Senate amendment contained a provision (sec. 872) that would amend subsection (g) of section 2371 of title 10, United States Code, to require the Secretary of Defense to ensure that the Department of Defense provides sufficient education and training in the use of transactions other than contracts and grants.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary to prescribe minimum levels and requirements for continuous and experiential learning, as well as training levels necessary to meet acquisition certification requirements.

*Other transaction authority for certain prototype projects (sec. 864)*

The House bill contained a provision (sec. 855) that would modify section 2371b of title 10, United States Code, related to other transactions authority (OTA) to ensure consistency across the language and improve clarity for how the Department of Defense makes determinations when higher level authority is needed to sign off on a specific OTA award.

The Senate amendment contained a similar provision (sec. 871).

The conferees agreed to an amendment that would modify Other Transaction Authorities by incorporating language from the House provision into the Senate provision so that Other Transactions are measured by the size of transactions rather than the size of projects, approval thresholds are increased for service acquisition executives from \$50.0 million to \$100.0 million and for the Under Secretary of Acquisition, Technology, and Logistics from \$100.0 million to \$500.0 million, and that contractors participating in small business innovation research and small business technology transfer programs shall be considered small businesses for the purposes of cost sharing requirements.

*Amendment to nontraditional and small contractor innovation prototyping program (sec. 865)*

The House bill contained a provision (sec. 857) that would amend section 844(d) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) pertaining to the nontraditional and small contractor innovation prototyping program. This provision would also add unmanned ground logistics and unmanned air logistics to the list of capabilities to be included in the program.

The Senate amendment contained no similar provision.  
The Senate recesses.

*Middle tier of acquisition for rapid prototype and rapid fielding (sec. 866)*

The Senate amendment contained a provision (sec. 826) that would amend section 804(c)(2) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) to eliminate the cost-sharing requirement for the rapid prototyping and fielding for middle tier acquisition programs.

The House bill contained no similar provision.

The House recesses with an amendment that would remove the requirement to update the Defense Acquisition Regulation Supplement with simplified procedures.

The conferees note that the Department of Defense remains delinquent on implementing the original provision from the National Defense Authorization Act for Fiscal Year 2016, which should have been implemented by April 2016. The conferees direct the Secretary of Defense to provide a briefing on implementation of section 804 of the National Defense Authorization Act for



Fiscal Year 2016 (Public Law 114-92) no later than 90 days following the enactment of this Act.

*Preference for use of other transactions and experimental authority (sec. 867)*

The Senate amendment contained a provision (sec. 873) that would require the Secretary of Defense to establish a preference for using transactions other than contracts, contracts, cooperative agreements, and grants for science and technology, prototyping, and experimental purposes pursuant to sections 2371, 2371b, and 2373 of title 10, United States Code. This preference should include funds expended from 6.1, 6.2, 6.3, 6.4, and other accounts used for the purposes of science and technology, prototyping, and experimental purposes.

The House bill contained no similar provision.

The House recedes with an amendment that would specify that the preference for such transactions shall be established when determined to be appropriate.

*Prototype projects to digitize defense acquisition regulations, policies, and guidance, and empower user tailoring of acquisition process (sec. 868)*

The Senate amendment contained a provision (sec. 895) that would direct the Secretary of Defense, acting through the Under Secretary of Defense for Research and Engineering, to develop prototypes to digitize defense acquisition regulations, policies, and guidance.

The House bill contained no similar provision.

The House recedes.

## **SUBTITLE H—PROVISIONS RELATING TO SOFTWARE ACQUISITION**

*Noncommercial computer software acquisition considerations (sec. 871)*

The Senate amendment contained a provision (sec. 881) that would amend section 2302 of title 10, United States Code, to define technical data with respect to software acquired by, and the means by which that data is provided to, the Department of Defense.

The House bill contained no similar provision.

The House recedes with an amendment that changes the provision from an updated definition to existing technical data

rights and instead establishes considerations for the acquisition on noncommercial computer software.

*Defense Innovation Board analysis of software acquisition regulations (sec. 872)*

The Senate amendment contained a provision (sec. 882) that would require the Defense Innovation Board to complete an analysis of software development and acquisition regulations for the Department of Defense. This provision would require the Secretary of Defense to report to the congressional defense committees on the preliminary findings no later than 150 days after the enactment of this Act. No later than 1 year after the Secretary tasks the Defense Innovation Board with the study, the Board should submit its report to the Secretary; no later than 30 days after receipt, the Secretary should submit the final report, together with such comments as the Secretary determines appropriate, to the congressional defense committees.

The House bill contained no similar provision.

The House recesses with an amendment that would provide additional focus to the scope of the analysis.

*Pilot program to use agile or iterative development methods to tailor major software-intensive warfighting systems and defense business systems (sec. 873)*

The Senate amendment contained two provisions (secs. 883 and 884) that would establish two pilots that encourage the Department's use of tailoring to realign several major warfighting programs and defense business systems.

The House bill contained no similar provision.

The House recesses with an amendment that would combine the two provisions, extend associated timelines, modify the definition of agile development, and require staff involved in programs selected under the pilot to take training on agile methods.

The conferees note that the Department of Defense's warfighting, business, and enterprise capabilities are increasingly reliant on or driven by software and information technology. The conferees note with concern that the Department is behind other federal agencies and industry in implementing best practices for acquisition of software and information technologies, to include agile and incremental development methods.

The conferees note that existing law and acquisition regulation provide significant flexibility to the Department and that the Department has explicitly provided for tailoring in its

acquisition directives and instructions. The conferees note with concern that the organizational culture and tradition of acquiring capabilities using a hardware-dominant approach impedes effective tailoring of acquisition approaches to incorporate agile and incremental development methods.

Therefore, the conferees expect that in conducting the program selection and tailoring under this section, the Secretary:

(1) Use the tools, resources, and expertise of digital and innovation organizations resident in the Department, such as the Defense Innovation Board, the Defense Innovation Unit Experimental, the Defense Science Board, the Defense Digital Services, federally funded research and development centers, research laboratories, and other technical, management, and acquisition experts;

(2) Use the digital development and acquisition expertise of the General Services Administration's Technology Transition Service, Office of 18F; and

(3) Leverage the science, technology, and innovation activities established pursuant to section 217 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92; 10 U.S.C. 2445a note).

*Software development pilot program using agile best practices (sec. 874)*

The Senate amendment contained a provision (sec. 885) that would direct the Secretary of Defense to identify between four and eight software development activities within the Department of Defense or military departments and pilot the use of modern agile methods—to include open source approaches—as well as oversight metrics appropriate for agile development.

The House recedes with amendments that would adjust the Department's responsibilities related to data rights and modify the definition of agile development.

The conferees note that the Department of Defense's warfighting, business, and enterprise capabilities are increasingly reliant on or driven by software and information technology. The conferees note with concern that the Department is behind other federal agencies and industry in implementing best practices for acquisition of software and information technologies, to include agile and incremental development methods.

The conferees note that existing law and acquisition regulation provide significant flexibility to the Department and that the Department has explicitly provided for tailoring in its acquisition directives and instructions. The conferees note with

concern that the organizational culture and tradition of acquiring capabilities using a hardware-dominant approach impedes effective tailoring of acquisition approaches to incorporate agile and incremental development methods.

Therefore, the conferees expect that in conducting the program selection and tailoring under this section, the Secretary:

(1) use the tools, resources, and expertise of digital and innovation organizations resident in the Department, such as the Defense Innovation Board, the Defense Innovation Unit Experimental, the Defense Science Board, the Defense Digital Services, federally funded research and development centers, research laboratories, and other technical, management, and acquisition experts;

(2) use the digital development and acquisition expertise of the General Services Administration's Technology Transition Service, Office of 18F; and leverage the science, technology, and innovation activities established pursuant to section 217 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92; 10 U.S.C. 2445a note).

*Pilot program for open source software (sec. 875)*

The Senate amendment contained a provision (sec. 886) that would direct the Secretary of Defense to manage the Department's unclassified, non-defense article, custom developed computer software code using open source licenses and an open source software repository. This provision would also direct the Secretary of Defense to consult with experts from the Defense Innovation Board, DARPA, the NSA, and the Defense Digital Service when updating the DFARS and drafting additional policy or instructions on the use of open source software and to make use of existing Department of Defense open source resources where possible. This provision would further direct the Department to make use of technology prize competitions for improving, repurposing, or reusing software, and to identify methods to reverse engineer Department of Defense software for which source code is unavailable.

The House bill contained no similar provision.

The House recedes with an amendment that would change the section of title 10 the provision amends, clarify the use of an appropriate software repository, reaffirm the existing unlimited rights terms in the Defense Federal Acquisition Regulations Supplement under which the Department of Defense may apply open source software licenses, and remove the requirement for DARPA

to identify methods to locate and reverse engineer existing DOD software for which the source code is unavailable.

The conferees note that establishing an appropriate repository for open source software will be critical for maintaining security and also to fostering a community of collaborative software experts. The conferees are pleased with the early success of the Department's code.mil initiative and encourage the Secretary to consider use of that repository to implement this provision.

The conferees also note the importance of ensuring that the Department of Defense uses appropriate open source licenses. The Secretary of Defense shall therefore, no later than 180 days after the enactment of this Act, establish guidance to ensure that the Department of Defense applies the appropriate Open Source Initiative approved licenses to its source code.

The Secretary of Defense shall also, not later than one year after the date of the enactment of this Act, submit to the congressional defense committees a report that identifies methods by which the Department of Defense could reverse engineer legacy software for which source code is unavailable.

## **SUBTITLE I—OTHER MATTERS**

*Extension of maximum duration of fuel storage contracts (sec. 881)*

The House bill contained a provision (sec. 842) that would extend from 20 to 30 years the maximum total period of Department of Defense contracts for storage, handling, or distribution of liquid fuels and natural gas.

The Senate amendment contained a similar provision (sec. 899A).

The Senate recedes.

*Procurement of aviation critical safety items (sec. 882)*

The House bill contained a provision (sec. 863) that would amend section 814 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to include the procurement of aviation critical safety items.

The Senate amendment contained no similar provision.

The Senate recedes.

*Modifications to the advisory panel on streamlining and codifying acquisition regulations (sec. 883)*

The House bill contained a provision (sec. 841) that would amend section 809 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) to require the Advisory Panel on Streamlining and Codifying Acquisition Regulations to transmit its final report on January 15, 2019, rather than 2 years after the panel was established. The provision would also require the panel to transmit its final report simultaneously to the Secretary of Defense and the congressional defense committees. The provision would also extend the period of time for the Secretary to submit comments on the final report from 30 to 60 days, and would establish a termination date for the panel 180 days after transmittal of the final report.

The Senate amendment contained no similar provision.

The Senate recesses.

The conferees recognize the importance of the work of the Advisory Panel, established by the Congress, which is aimed at streamlining and improving the Department of Defense's acquisition processes to ensure the Department's continued technological advantages. Therefore, the conferees agree that the Advisory Panel's work should be extended. The Advisory Panel shall provide its recommendations to the Committees on Armed Services of the Senate and the House of Representatives using a phased approach. The recommendations shall be delivered in January 2018, June 2018, and January 2019. Each report shall contain a roughly equal number of recommendations to avoid an oversized final deliverable.

The conferees also note that the panel's projected total cost will be nearly \$15.0 million for expenses, salaries, and other items given the extension authorized in this provision. Given this expenditure and the importance of acquisition reform, the conferees expect the Panel will make significant efforts to deliver actionable recommendations to both the Congress and Executive Branch, and provide supporting analyses and consultation to inform review and potential implementation of such recommendations.

*Repeal of expired pilot program for leasing commercial utility cargo vehicles (sec. 884)*

The House bill contained a provision (sec. 844) that would repeal an expired pilot program in section 2401a of title 10, United States Code, related to leasing utility cargo vehicles.

The Senate amendment contained no similar provision.

The Senate recesses.

The conferees note that this first, relatively narrow repeal of an outdated program in title 10, United States Code

should encourage a future, wider effort to reorganize and optimize the entirety of acquisition law.

*Exception for business operations from requirement to accept \$1 coins (sec. 885)*

The House bill contained a provision (sec. 843) that would exempt government contractors from the requirement of section 5112(p) of title 31, United States Code, that business operations performed on Federal Government premises provide for accepting and dispensing of existing and proposed dollar coins.

The Senate amendment contained a similar provision (sec. 899B).

The Senate recesses.

*Development of Procurement Administrative Lead Time (sec. 886)*

The House bill contained a provision (sec. 871) that would require the Secretary of Defense to develop, make available for public comment, and finalize a definition of the term "Procurement Administrative Lead Time" or "PALT", to be applied Department of Defense-wide, that describes the amount of time from the date on which a solicitation is issued to the date of an initial award of a contract or task order of the Department of Defense; and a plan for measuring and publicly reporting data on PALT for Department of Defense contracts and task orders above the micro-purchase threshold.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would focus the scope of the provision to contracts and task orders above the simplified acquisition threshold and would require coordination with the Administrator of the General Services Administration.

*Notional milestones and standard timelines for contracts for foreign military sales (sec. 887)*

The House bill contained a provision (sec. 864) that would require the Secretary of Defense to develop standard timeline milestones for the foreign military sales (FMS) process, including related contracting activities. Timeline milestones would vary by the complexity of the FMS case. This provision would also require the Secretary of Defense to submit quarterly reports to the congressional defense committees, the Committee on Foreign Affairs of the House of Representatives, and the Committee on Foreign Relations of the Senate any FMS cases that require congressional notification, as well as an annual report

on the number of FMS cases that met and did not meet timeline milestones during the previous fiscal year.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Assessment and authority to terminate or prohibit contracts for procurement from Chinese companies providing support to the Democratic People's Republic of Korea (sec. 888)*

The House bill contained a provision (sec. 876) that would require the Secretary of Defense, in consultation with the Secretary of State, the Secretary of the Treasury, and the Director of National Intelligence, to conduct an assessment of trade between the People's Republic of China and the Democratic People's Republic of Korea, including elements deemed to be important to United States national security and defense.

The Senate amendment contained no similar provision.

The Senate recedes.

*Report on defense contracting fraud (sec. 889)*

The Senate amendment contained a provision (sec. 10803) that would require the Department of Defense to summarize fraud-related criminal convictions, civil judgements or settlements, and contractors who were suspended or debarred based on such convictions over the previous five fiscal years.

The House bill contained no similar provision.

The House recedes.

*Comptroller General report on contractor business system requirements (sec. 890)*

The House bill contained a provision (sec. 868) that would require the Comptroller General of the United States to issue a report to the congressional defense committees on the feasibility and effect of revising the applicability of certain contractor business system rules.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would expand the review to evaluate overall implementation and effectiveness of the contractor business system program, and including the matters in the House provision, and including further matters.

*Training on agile or iterative development methods (sec. 891)*

The Senate amendment contained a provision (sec. 843) that would direct the Secretary of Defense, in consultation with the



President of the Defense Acquisition University, to establish an in-resident targeted training course at the Defense Acquisition University on agile acquisition, and a subject matter expert in agile methods to support implementation of agile.

The House bill contained no similar provision.

The House recesses with an amendment that would require a version of the course to be available to support pilot programs for agile development as directed by provisions elsewhere in this Act, and to be further improved based on that experience.

The conferees note the expectation that the pilot program leadership take seriously the views and observations of the subject matter expert in agile methods.

### **LEGISLATIVE PROVISIONS NOT ADOPTED**

*Repeal of temporary suspension of public-private competitions for conversion of Department of Defense functions to performance by contractors*

The Senate amendment contained a provision (sec. 801) that would repeal section 325 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84; 123 Stat. 2253), one year after the date of enactment of this Act.

The House bill contained no similar provision.

The Senate recesses.

*Ensuring transparency in acquisition programs*

The Senate amendment contained a provision (sec. 807) that would require the Secretary of Defense to establish and implement a policy that would ensure the acquisition programs of major systems establish cost, schedule, and performance goals at the onset of the program, as well as throughout the program.

The House bill contained no similar provision.

The Senate recesses.

*Waiver authority for purposes of expanding competition*

The Senate amendment contained a provision (sec. 811) that would add a new subsection to section 2304 of title 10, United States Code, that would grant discretionary authority to the Secretary of Defense to expand competition for Department of Defense (DOD) contracts where there is only one responsible bidder for any provision of law other than subsection 2304(c) of title 10, United States Code.

The House bill contained no similar provision.

The Senate recesses.

*Treatment of independent research and development costs on certain contracts*

The Senate amendment contained a provision (sec. 815) that would amend section 2372 of title 10, United States Code, to modify the requirements for the Secretary of Defense to create an Advisory Panel Related to the Goal for Reimbursable Bid and Proposal Costs. The panel should be established if the amount of reimbursable bid and proposal costs paid by the Department of Defense for a fiscal year exceeds 0.75 percent of the total aggregate industry sales to the Department for the fiscal year and it should be created by the Secretary within 180 days of exceeding such threshold.

The House bill contained no similar provision.

The Senate recedes.

The conferees direct the 809 Panel to review the amount of reimbursable bid and proposal costs paid by the Department of Defense and make recommendations as part of its current activities.

*Nontraditional contractor definition*

The Senate amendment contained a provision (sec. 816) that would amend section 2302(9) of title 10, United States Code, to clarify the definition of a nontraditional contractor to better align with the definition of an entity, which was intended to be interpreted as allowing specific business units within a corporation to be considered as nontraditional contractors.

The House bill contained no similar provision.

The Senate recedes.

The conferees direct the Secretary of Defense to undertake an analysis and provide a one-time report to the congressional defense committees describing the cases in which the Department of Defense should recognize nontraditional contractors, current approaches for doing so, and recommendations for improvements to streamline access to commercial business entities, including through the defense industrial base, in support of defense technology needs.

*Repeal of domestic source restriction related to wearable electronics*

The Senate amendment contained a provision (sec. 817) that would clarify that the domestic source restrictions authorized under the Berry Amendment do not apply to wearable electronics. The committee notes that these technologies will provide

advanced communications, sensing, and medical diagnostics capabilities to operational forces.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that these technologies continue to mature and create opportunities to provide advanced communications, sensing, and medical diagnostics capabilities to operational forces. The conferees urge the Department of Defense to continue to explore opportunities to leverage the best wearable electronics and advanced fabrics available to equip our nation's war-fighters with the most modern capabilities to increase their ability to survive and their effectiveness.

#### *Identification of commercial services*

The Senate amendment contained a provision (sec. 820) that would amend section 876 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to require the Secretary of Defense to identify those industry subcategories in facilities-related services, knowledge-based services (excluding engineering services), construction services, medical services, or transportation services in which there are significant numbers of commercial services providers able to meet the requirements of the Department of Defense.

The House bill contained no similar provision.

The Senate recesses.

The conferees expect the Secretary of Defense, when promulgating regulations in accordance with section 876 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), to identify subcategories in facilities-related services, knowledge-based services, construction services, medical services, or transportation services in which there are significant numbers of commercial services providers able to meet the requirements of the Department of Defense.

#### *Acquisition positions in the Offices of the Secretaries of the Military Departments*

The House bill contained a provision (sec. 824) that would amend sections 3014, 5014, and 8014 of title 10, United States Code, to authorize the Secretaries of the military departments to exceed statutory personnel caps for civilian employees when hiring acquisition oversight personnel from the Office of the Under Secretary of Defense for Acquisition, Technology, and Logistics or requirements personnel from the Joint Staff that supported the Joint Requirements Oversight Council.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the Department should make every effort to retain experienced acquisition and technical talent, especially when executing budget reductions, office reorganization, and mandatory headquarters personnel reductions.

*Restriction on use of reverse auctions and lowest price technically acceptable contracting methods for safety equipment*

The Senate amendment contained a provision (sec. 824) that would amend section 814 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) in order to restrict the Department of Defense (DOD) from the use of reverse auctions and lowest price technically acceptable contracting methods when procuring critical safety equipment.

The House bill contained no similar provision.

The Senate recesses.

*Department of Defense promotion of contractor compliance with existing law*

The Senate amendment contained a provision (sec. 831) that would express the Sense of Congress with respect to Department of Defense promotion of contractor compliance with existing law.

The House bill contained no similar provision.

The Senate recesses.

The conferees note the following: (1) the Department of Defense should aim to ensure that parties contracting with the Federal Government abide by existing law, including worker protection laws; (2) worker protection laws, including chapter 43 of title 38, United States Code (commonly known as the "Uniformed Services Employment and Reemployment Rights Act of 1994" or "USERRA") and the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.), were enacted to ensure equitable workplace practices; (3) identifying and helping to improve the compliance of contractors with worker protection violations will help avoid setbacks and delays stemming from contracting with non-compliant contractors; and (4) the Secretary of Defense has the authority to ensure contractors' compliance with existing laws and should establish a goal to work with responsible contractors who are in compliance with worker protection laws.

*Major defense acquisition programs: display of budget information*

The House bill contained a provision (sec. 832) that would amend require greater transparency in the budget requests for

major defense acquisition programs (MDAPs). This provision would also require Budget justification documents for MDAPs to separately depict funding for developmental and operational testing and evaluation, the purchase of cost data from contractors, and the purchase or license of technical data.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Modification to definition of commercial items*

The Senate amendment contained a provision (sec. 851) that would amend section 2376 of title 10, United States Code, to amend the definition of "commercial item" for minor modifications to ensure that government-unique systems and technologies are not treated as commercial items.

The House bill contained no similar provision.  
The Senate recesses.

#### *Preference for acquisition of commercial items*

The Senate amendment contained a provision (sec. 854) that would amend section 2377(b) of title 10, United States Code, to ensure that the acquisition of commercial items and nondevelopmental items take priority over any small business set-aside program that would result in a non-commercial offering but to clarify that contracts for commercial items may be set aside for small business.

The House bill contained no similar provision.  
The Senate recesses.

#### *Exemption of certain contracts from inflation adjustments*

The House bill contained a provision (sec. 860A) that would amend subparagraph (B) of section 1908(b)(2) of title 41, United States Code, by inserting "3131 to 3134," after "sections".

The Senate amendment contained no similar provision.  
The House recesses.

#### *Procurement exception relating to agreements with foreign governments*

The Senate amendment contained a provision (sec. 865) that would amend section 2533a of title 10, United States Code, to clarify that the requirement pertaining to procurement of items grown, reprocessed, reused, or produced in the United States does not preclude the acquisition of items as part of a weapon

system if the acquisition is necessary in furtherance of an agreement with a foreign government in which both governments agree to remove barriers to purchases of supplies produced in the other country or services performed by sources of the other country.

The House bill contained no similar provision.

The Senate recesses.

#### *Enhancing program licensing*

The Senate amendment contained a provision (sec. 867) that would require the Secretary of Defense, with the concurrence of the Secretary of State, to establish a structure implementing a revised program export licensing framework in order to provide comprehensive export licensing authorization to support large international cooperative defense programs between multiple nations and determine what, if any, regulatory authorities require modification.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that large international cooperative defense programs between multiple nations, such as the Joint Strike Fighter, have the potential to overwhelm current program licensing systems. The conferees therefore direct the Secretary of Defense, with the concurrence of the Secretary of State and Secretary of Commerce, to undertake a review of the program export licensing framework to identify the changes, if any, required to support these types of programs and recommendations on how to implement such changes. The conferees further direct the Secretary of Defense, the Secretary of State, and the Secretary of Commerce, jointly to provide a briefing to the Committees on Armed Services of the Senate and House of Representatives, the Committee on Foreign Relations of the Senate, and the Committee on Foreign Affairs of the House of Representatives, not later than 180 days after the date of the enactment of this Act on the results of the review.

#### *Temporary limitation on aggregate annual amount available for contract services*

The House bill contained a provision (sec. 870) that would extend the cap on spending for services contracts by the Department of Defense through fiscal year 2018.

The Senate amendment contained no similar provision.

The House recesses.

#### *Sense of Congress regarding steel produced in the United States*

The House bill contained a provision (sec. 872) that would express the sense of Congress that a strong domestic iron ore and steel industry is vital to the national security of the United States.

The Senate amendment contained no similar provision.

The House recesses.

*Improved transparency and oversight over Department of Defense research, development, test, and evaluation efforts and procurement activities related to medical research*

The Senate amendment contained a provision (sec. 891) that would prohibit the Secretary of Defense from entering into a contract, grant, or cooperative agreement for congressional special interest medical research program under the Congressionally Directed Medical Research Program of the Department of Defense unless there is sufficient compliance with cost accounting standards and other specified requirements.

The House bill contained no similar provision.

The Senate recesses.

*Rights in technical data related to medical research*

The Senate amendment contained a provision (sec. 892) that would require special interest medical research programs under the Congressionally Directed Medical Research Program of the Department of Defense to include agreements that provide the United States Government with the same rights to the technical data that apply to items or processes developed under the contract, grant, or cooperative agreement as applicable under section 2320(a)(2)(A) of title 10, United States Code, to items and processes developed exclusively with federal funds.

The House bill contained no similar provision.

The Senate recesses.

*Oversight, audit, and certification from the Defense Contract Audit Agency for procurement activities related to medical research*

The Senate amendment contained a provision (sec. 893) that would require the Defense Contract Audit Agency to certify the adequacy of the accounting systems and perform an incurred cost audit prior to the obligation of funds for congressional special interest medical research programs under the Congressionally Directed Medical Research Program of the Department of Defense.

The House bill contained no similar provision.

The Senate recesses.

*Pilot program for adoption of acquisition strategy for Defense Base Act insurance*

The Senate amendment contained a provision (sec. 896) that would require the Secretary of Defense to establish a pilot program for the United States Army Corps of Engineers for purposes of adopting an acquisition strategy for insurance required by the Defense Base Act (32 U.S.C. 1651, et seq.) in order to minimize the cost of such insurance to the Department of Defense. The contract entered into under this authority would be effective for at least 3 years, or as considered appropriate by the Secretary. The committee notes that this provision is not intended to change policies on support of workmen's compensation or reduce compensation practices. The committee believes that the provision should result in a more efficient acquisition strategy that reduces costs to the Department of Defense.

The House bill contained no similar provision.

The Senate recesses.

The conferees encourage the Department of Defense to continue working on innovative programmatic improvements for savings and efficiencies relative to the insurance required under the Defense Base Act.

*Annual report on limitation of subcontractor intellectual property rights*

The Senate amendment contained a provision (sec. 899) that would require the Secretary of Defense to submit to the congressional defense committees, no later than 180 days after the enactment of this Act and annually for 5 years afterwards, a report listing all contracts entered into during the previous fiscal year using procedures under part 15 of the Federal Acquisition Regulation where the prime contractor limited the intellectual property rights of one or more subcontractors without being required to do so by the United States Government.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that prime contractors may not limit subcontractor intellectual property rights except when required by the Department of Defense.

*Comptroller General of the United States report on Department of Defense critical telecommunications equipment or services obtained from suppliers closely linked to a leading cyber-threat actor*



The Senate amendment contained a provision (sec. 6608) that would require the Comptroller General of the United States to submit to the congressional defense committees a report on any telecommunications equipment, technologies, or services used by the Department of Defense or its subcontractors that is manufactured by, or from an entity that incorporates information technology manufactured by a foreign supplier or contractor associated with, a leading cyber-threat actor.

The House bill contained no similar provision.

The Senate recesses.

#### *Sense of Congress on the small turbine engine industrial base*

The Senate amendment contained a provision (sec. 10302) that would express the Sense of Congress that the Department of Defense should allocate funding to sustain the F107 turbine engine and contract with multiple, capable engine manufacturers to stabilize the United States small turbine engine industrial base.

The House bill contained no similar provision.

The Senate recesses.

The conferees recognize the importance of low cost turbine engines in powering munitions that support operations in the various combatant command areas of responsibility, and are aware that technology for high-efficiency, low-cost systems may be available. Low-cost is driven by competition, as well as small business participation. Therefore, the conferees encourage the Department of Defense to adequately resource efforts to identify low-cost, small engine technologies capable of powering missiles and unmanned aerial vehicles, and directs the Under Secretary of Defense for Acquisition, Technology, and Logistics to provide a briefing to the Senate Armed Services Committee and House Armed Services Committee by September 1, 2018, on current research and development efforts and the industrial base which supports this area.

#### *Modification to the HUBZone program*

The Senate amendment contained a provision (sec. 10802) that would amend section 3(p)(4)(C) of the Small Business Act (15 U.S.C. 632(p)(4)(C)) to expand the ability of small businesses in rural areas to participate in the Historically Underutilized Business Zone (HUBZone) program.

The House bill contained no similar provision.

The Senate recesses.

#### *Buy American Act training for Defense acquisition workforce*

The Senate amendment contained a provision (sec. 14008) that would require a Comptroller General review of Buy America training for the defense acquisition workforce. The House bill contained no similar provision.

The Senate recesses.

The conferees note that the Inspector General of the Department of Defense has found deficiencies in the adherence to the provisions of the Buy America Act and has recommended improvements in training for the Defense acquisition workforce. Therefore, the conferees direct the Secretary of Defense to develop a report to Congress on Buy American training policies for the defense acquisition workforce. The report shall include a summary and assessment of mandated training courses for Department of Defense acquisition personnel responsible for procuring items that are subject to the Berry Amendment and Buy America Act. The report shall be delivered to the Committees on Armed Services of the Senate and the House of Representatives not later than one year after the date of enactment of this Act.

## **TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT**

### **SUBTITLE A—OFFICE OF THE SECRETARY OF DEFENSE AND RELATED MATTERS**

*Treatment of incumbent Under Secretary of Defense for Acquisition, Technology, and Logistics (sec. 901)*

The House bill contained a provision (sec. 921) that would allow the incumbent Principal Deputy Under Secretary of Defense for Acquisition, Technology, and Logistics to become the Under Secretary of Defense for Acquisition and Sustainment, and would allow the incumbent Deputy Chief Management Officer to continue to serve as the Chief Management Officer, once both positions come into effect on February 1, 2018, consistent with section 901 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328.).

The Senate amendment contained a similar provision (sec. 905) that would amend section 901(a) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) in order to repeal the section regarding service of the incumbent Under Secretary of Defense for Acquisition and Technology relative to the position of the Under Secretary of Defense for Research and Engineering.

The House recesses with an amendment that would make technical changes to the Senate provision.

*Clarification of authority of Under Secretary of Defense for Acquisition and Sustainment with respect to service acquisition programs for which the service acquisition executive is the milestone decision authority (sec. 902)*

The Senate amendment contained a provision (sec. 903) that would amend section 901 of title 10, United States Code, to clarify the authority of the future Under Secretary of Defense for Acquisition and Sustainment (USD (A&S)) under section 133b(b) of title 10, United States Code, with respect to service acquisition programs for which the service acquisition executive is the milestone decision authority.

The House bill contained no similar provision.

The House recesses.

*Executive Schedule matters relating to Under Secretary of Defense for Acquisition and Sustainment (sec. 903)*

The Senate amendment contained a provision (sec. 904) that would establish the Under Secretary of Defense for Acquisition and Sustainment (A&S) as an Executive Level III position. When the Congress reorganized the office of Acquisition, Technology, and Logistics, the Under Secretary for Research and Engineering (R&E) was established as an Executive Level II position, which is one step below a cabinet official, in order to prioritize innovation efforts which had become moribund in recent years. The other Under Secretaries in the Office of the Secretary of Defense are Executive Level III, which is appropriately one step below the Deputy Secretary of Defense. This aligns the Under Secretary of Defense for A&S with the level of the other Under Secretaries.

The House bill contained no similar provision.

The House recesses.

*Consistent period of relief from active duty as a commissioned officer of a regular component of the Armed Forces for appointment to Under Secretary of Defense positions (sec. 904)*

The Senate amendment contained a provision (sec. 908) that would establish the requirement for a 5-year separation from Active Duty as a commissioned officer before serving in a position of Under Secretary of Defense. The current requirement currently exists for three of the Under Secretaries (Research and Engineering; Acquisition and Sustainment; and Policy).

The House bill contained no similar provision.

The House recedes with an amendment that would establish the requirement for a 7-year separation from Active Duty as a commissioned officer before serving in a position of Under Secretary of Defense.

*Qualifications for appointment and additional duties and powers of certain officials within the Office of the Under Secretary of Defense (Comptroller) (sec. 905)*

The Senate amendment contained a provision (sec. 907) that would amend section 135 of title 10, United States Code, to require individuals appointed to the positions of Under Secretary of Defense (Comptroller) and Deputy Chief Financial Officer to have significant financial management service, which includes having previously served as the chief financial officer, deputy chief financial officer, or an equivalent executive-level position with direct authority for financial management in a large public- or private-sector organization that received an audit with an unqualified opinion on its financial statements.

The House bill contained no similar provision.

The House recedes with an amendment that would adjust the qualification requirements to focus on budget, financial management or audit.

*Redesignation of Principal Deputy Under Secretaries of Defense as Deputy Under Secretaries of Defense and related matters (sec. 906)*

The Senate amendment contained a provision (sec. 909) that would amend section 137a of title 10, United States Code, to redesignate all Principal Deputy Under Secretaries of Defense as Deputy Under Secretaries of Defense and would increase the authorized number of Deputy Under Secretaries of Defense from five to six. This amendment reflects the elimination of subordinate Deputy Under Secretaries and reflects that these positions are the immediate and senior subordinate to the Under Secretaries of Defense. Additionally, this provision would designate the newly authorized Deputy Under Secretary of Defense for Research and Engineering and the Deputy Under Secretary of Defense for Acquisition and Sustainment as two of the authorized positions, consistent with the Office of the Secretary of Defense reorganization provisions in the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The House bill contained no similar provision.

The House recedes with a technical amendment.

*Reduction of number and elimination of specific designations of Assistant Secretaries of Defense (sec. 907)*

The Senate amendment contained a provision (sec. 910) that would amend section 138(a)(1) of title 10, United States Code, to reduce the total number of authorized Assistant Secretaries of Defense from 14 to 13, and eliminate specific designation for all but two.

The House bill contained no similar provision.

The House recedes with an amendment that would reduce the number of Assistant Secretaries of Defense from 14 to 13, and eliminate the specific designation for all but three, including the Assistant Secretary of Defense for Legislative Affairs.

*Limitation on maximum number of Deputy Assistant Secretaries of Defense (sec. 908)*

The Senate amendment contained a provision (sec. 911) that would set the maximum number of authorized Deputy Assistant Secretaries of Defense to 46.

The House bill contained no similar provision.

The House recedes with an amendment that would cap the number of Deputy Assistant Secretaries of Defense at 48.

*Appointment and responsibilities of Chief Information Officer of the Department of Defense (sec. 909)*

The Senate amendment contained a provision (sec. 902) that would amend section 142 of title 10, United States Code, concerning the Chief Information Officer (CIO), by elevating the role and realigning its authorities and responsibilities to two other officials. This provision would establish a Chief Information Warfare Officer (CIWO), who would assume responsibility for Defense-wide information warfighting functions. The roles and responsibilities of the current CIO concerning business systems and statutory requirements not specified within the CIWO's purview would fall to the Chief Management Officer (CMO) of the Department of Defense.

The House bill contained no similar provision.

The House recedes with an amendment that would require the position to be presidentially appointed and Senate confirmed. The amendment would designate additional responsibilities related to budgets and standards and would authorize the CIO to evaluate and certify that Department of Defense budgets are sufficient in meeting Department-wide requirements for the functional areas it oversees. The CIO shall exercise its new budget authority and responsibility with respect to nuclear

command and control solely in its capacity as a support element of the Council on Oversight of the National Leadership Command, Control, and Communications System (as established in section 171a of title 10, United States Code) and solely in its capacity as a support element of the Council on Oversight of the Department of Defense Position, Navigation, and Timing Enterprise (as established in section 2279b of title 10, United States Code).

The amendment would also require the establishment of a process for developing, adopting, and publishing standards for information technology, networking, and cyber capabilities and would require that capabilities developed by the military Services and Defense Agencies adhere to such standards.

The conferees note that the addition of cybersecurity and cyber capabilities as responsibilities of the CIO are not intended to supersede, but to be complementary to, the roles and responsibilities assigned to the Principal Cyber Advisor (PCA) in section 932(c) of the National Defense Authorization Act for Fiscal Year 2014 (P.L. 113-66), as mandated in section 167b of title 10, United States Code, and as assigned by the Secretary of Defense.

The conferees expect the CIO to work closely with the PCA, to include making personnel available to the cross functional team established to staff the PCA. In making personnel available to the PCA, the CIO should ensure there is available expertise to fulfill the responsibility for certifying the military Services' cyber security and cyber capabilities budgets as they relate to effective cyber operations and a ready Cyber Mission Force.

The conferees are aware that the office of the PCA has been chronically under-resourced since its establishment and are concerned about the impact of under-resourcing on the PCA's ability to effectively execute its assigned roles and responsibilities. The conferees believe that the PCA should be more robustly manned and resourced in order to fulfill all mandates, especially for those assigned in section 167b of title 10, United States Code. Therefore, the conferees direct the Director of the Cost Assessment and Program Evaluation Office to provide an assessment of the resources required for the PCA to effectively fulfill all assigned roles and responsibilities as defined in law, statute, and as assigned by the Secretary of Defense to the congressional defense committees not later than March 1, 2017.

*Chief Management Officer of the Department of Defense (sec. 910)*

The Senate amendment contained a provision (sec. 901) that would clarify and expand the responsibilities of the Chief Management Officer (CMO) of the Department of Defense.

The House bill contained no similar provision.

The House recesses with an amendment to clarify the reporting chains, duties, authorities, and responsibilities of the CMO.

## **SUBTITLE B—DATA MANAGEMENT AND ANALYTICS**

*Policy on treatment of defense business system data related to business operations and management (sec. 911)*

The House bill contained a provision (sec. 831) that would require the Secretary of Defense to establish that all data within Department of Defense business systems is considered owned by the Department and is readily available to the Office of the Secretary of Defense, the Joint Staff, and the military departments.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would separate this portion of the original provision into a standalone provision, and would require this policy to be enacted within a year of the enactment of this Act.

The conferees note that many of the management challenges currently faced by the Department are driven by the lack of accessible, shared information and unclear data governance policies between components. Moreover, the conferees are concerned that the Department lags well behind the private sector in effectively incorporating enterprise-wide data analyses into decision making and oversight. The conferees therefore believe that a statutory requirement that the Office of the Secretary of Defense, the Joint Staff, and the military departments be given access to business-management related data, under the auspices of the Chief Management Officer, is necessary to overcome institutional and cultural barriers to information sharing. The conferees further believe that to bring about this significant culture change, it is necessary to assign responsibility at the highest levels of the Department for creating and maintaining common enterprise data.

*Transparency of defense management data (sec. 912)*

The House bill contained a provision (sec. 831) that would amend section 2222 of title 10, United States Code, to require that all data within Department of Defense business systems be considered owned by the Department and be readily available to

the Office of the Secretary of Defense, the Joint Staff, and the military departments.

The Senate amendment contained similar provisions (sec. 935 and sec. 937) that contained specific applications for the Department of Defense to use data to manage priority challenges.

The Senate recedes with an amendment that would clarify roles and responsibilities for establishing data-related policies, and expands the scope of the provision to include all business-management related information, not solely that from defense business systems. Further, the amendment would incorporate portions of Senate amendment provisions (sec. 935 and sec. 937) that call for data integration strategies to address high priority management challenges of the Department, and that require the establishment and maintenance of capability for oversight and management of the defense agencies and field activities.

The conferees believe that in order to implement new policies broadening access to enterprise data, the Department will need to clearly develop roles and responsibilities. Though the Chief Management Officer shall have primary decision-making authority with respect to the development and maintenance of common enterprise data, many other elements of the Department will have significant equity in this process and will desire to use the data that is exposed as a result of this policy. The conferees' intent is that the Chief Management Officer executes the actions called for within this provision with the assistance and collaboration from other relevant components of the Department (e.g., the Under Secretary of Defense (Comptroller), Director of the Office of Cost Assessment and Program Evaluation) as desired. The conferees will remain interested in receiving feedback from the pilot programs and analytics capability described within this provision, and expect periodic reviews.

*Establishment of set of activities that use data analysis, measurement, and other evaluation-related methods to improve acquisition program outcomes (sec. 913)*

The Senate amendment contained a provision (sec. 936) that would require the Secretary of Defense, acting through the Deputy Chief Management Officer (and successor positions), in coordination with the Armed Forces and the Under Secretary of Defense for Acquisition, Technology and Logistics (and successor positions), to establish a set of activities that use data analysis, measurement, and other evaluation-related methods to improve the acquisition outcomes of the Department of Defense and enhance organizational learning.



The House bill contained no similar provision.

The House recedes with an amendment that would further specify the training recommended by this section and would clarify roles and responsibilities in carrying out the implementation plan.

## **SUBTITLE C—ORGANIZATION OF OTHER DEPARTMENT OF DEFENSE OFFICES AND ELEMENTS**

*Qualifications for appointment of Assistant Secretaries of the military departments for financial management (sec. 921)*

The Senate amendment contained a provision (sec. 922) that would amend sections 3016, 5016, and 8016 of title 10, United States Code, to require individuals appointed to the positions of Assistant Secretary of the military departments for financial management to have significant financial management service, which includes having previously served as the chief financial officer, deputy chief financial officer, or an equivalent executive-level position with direct authority for financial management in a large public- or private-sector organization that received an audit with an unqualified opinion on its financial statements.

The House bill contained no similar provision.

The House recedes with an amendment that would adjust the qualification requirements to focus on budget, financial management or audit.

*Manner of carrying out reductions in major Department of Defense headquarters activities pursuant to headquarters reduction plan (sec. 922)*

The Senate amendment contained a provision (sec. 932) that would amend section 346 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) to require that the reductions to headquarters activities made pursuant to that section be carried out after a consideration of current manpower levels, historic manpower levels, mission requirements, and anticipated staffing needs of such headquarters activities necessary to meet national defense objectives.

The House bill contained no similar provision.

The House recedes with a clarifying amendment.

*Certifications on cost savings achieved by reductions in major Department of Defense headquarters activities (sec. 923)*

The Senate amendment contained a provision (sec. 933) that would amend section 346 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) to require that the Director of Cost Assessment and Program Evaluation certify mandated cost savings estimated for headquarters reductions.

The House bill contained no similar provision.

The House recedes with an amendment providing 120 days for the initial certification, and 60 days for the years 2018 to 2020.

*Corrosion control and prevention executives matters (sec. 924)*

The House bill contained a provision (sec. 903) that would designate corrosion control and prevention executives for the military departments.

The Senate amendment contained a similar provision (sec. 952).

The House recedes.

*Background and security investigations for Department of Defense personnel (sec. 925)*

The Senate amendment contained a provision (sec. 901) that would require the Secretary of Defense to take actions to allow the Defense Security Service to conduct before October 1, 2020 all personnel background and security investigations adjudicated by the Consolidated Adjudication Facility of the Department of Defense (DOD).

The House bill contained no similar provision.

The House recedes with an amendment that makes technical and conforming changes and enhances reporting requirements.

The conferees recommend a provision that would require the Secretary of Defense to take actions to allow the Defense Security Service (DSS) to conduct before October 1, 2020 all personnel background and security investigations adjudicated by the Consolidated Adjudication Facility (CAF) of the Department of Defense (DOD). This provision is based on the conferees' judgement that the current situation of massive clearance delays has serious adverse effects on national security and must be addressed in order to avoid any further damage to DOD's readiness. The provision is also based on the conferees understanding that the administration supports the Secretary of Defense's decision to have DSS conduct personnel background and security investigations adjudicated by the CAF and has recognized the Secretary's authority to take actions necessary to implement the decision.

The background investigation process is broken. It is composed of decades-old security practices, is grossly inefficient, and has costs that have been rising steadily and substantially for years. The current situation has led to accumulation of huge indirect costs to customers like DOD; operational risks, as personnel are idled while waiting for clearances; and a degradation in workforce quality, as high-performing personnel with the best alternatives are unlikely to wait for many months to begin work for the U.S. Government. The conferees lack confidence that the current owner of the background investigation mission has the will, culture, or capability to effect vital reforms in current processes and practices.

Current practices are mired in outdated methods and non-digital, non-automated technology. Expensive human investigative resources are consumed with fact checking and data collection functions (ripe candidates for automation) as opposed to investigating substantive issues about the actions and circumstances of prospective and current employees.

A better model has been clear to policymakers for at least a decade: a "continuous evaluation" concept based on automated access to a wide array of digital sources and records. Constant access and reporting from these data sources has been demonstrated to turn up greater volumes of more serious issues than current practices; expensive human resources would then be devoted to investigating concerns arising from the continuous evaluation process. Derogatory information that crossed adjustable thresholds of seriousness would be automatically "pushed," as alerts, to analysts for action. For current employees, information from modern insider threat programs would become an important component of the continuous evaluation process, providing information from counterintelligence, cybersecurity, human resources, physical security, and law enforcement databases and investigations.

These continuous vetting techniques would eliminate the need for infrequent but expensive "periodic re-investigations" (PRs) that are mandated today--though under the current system, PRs are so infrequent that threats are missed for long periods. DOD is already paying over \$1.0 billion annually for background investigations; the backlog exceeds 700,000 cases and is growing at a rate of 10,000-20,000 per month. The Government is not going to truly address this backlog unless it substitutes technology and smart risk-based decision-making for labor-intensive activities of questionable relative value.

The conferees believe that DOD must take back responsibility for background investigations of its employees and contractors and change how these investigations are

conducted. At the same time, the conferees believe it would be a grave mistake to import back into DOD the existing OPM organization, culture, and practices. A fresh start is needed that is built incrementally on existing CE initiatives and encompasses a phased transition of responsibility from OPM to DOD.

The conferees also fully realize that there is no quick fix for the immense problems DOD faces and that the backlog and the cost of doing business could get worse before they can get better. The conferees continue to have serious concerns about the ability of DOD to manage the development of a robust CE information technology (IT) capability. The conferees also continue to be at least equally concerned about DOD's ability to orchestrate the creation of an integrated, automated, enterprise-wide insider threat detection and analysis capability. The conferees' apprehension is that the Department's leadership has not realized the level of resource commitment and time that will be involved in creating digital access and analysis capabilities to the data collected and held by all the different functional organizations - counterintelligence, personnel security, human resources, physical security, cybersecurity, law enforcement, intelligence, etc. - across the Services, combatant commands, Joint Staff, the Office of the Secretary of Defense, and all the defense agencies and field activities. This is an organizational management challenge as well as a technical challenge of the first order. The conferees expect the Department to take advantage of existing direct hiring authorities in order to build up the necessary investigative workforce to execute this mission. The conferees also recognize that the Department may need to consider establishing an appropriate funding mechanism to support this mission.

The conferees are committed to monitoring the Department's progress in taking over this new mission. DOD should look, where possible, to take advantage of the work done across government to modernize the background investigation process. The conferees are also committed to working with other congressional committees to ensure that the National Background Investigations Bureau receives adequate assessments during this transition to fully understand the impact of the transfer and resource requirements during and after the transition.

The conferees note that the reference to DOD usage of existing commercial data within this provision is not meant to extend the Department's authorities with regard to the handling and usage of personal data.

## **SUBTITLE D—MISCELLANEOUS REPORTING REQUIREMENTS**

*Additional elements in reports on policy, organization, and management goals of the Secretary of Defense for the Department of Defense (sec. 931)*

The House bill contained a provision (sec. 904) that would amend section 912 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to add civilian workforce matters to the report required by that section.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would focus the additional reporting requirement on optimizing the civilian operating force structure for operational effectiveness and on hiring authorities and other actions that the Secretary of Defense or the Secretaries of the military departments will take to eliminate any gaps between desired programmed civilian workforce levels and the current size of the civilian workforce, set forth by mission and functional area.

*Report and sense of Congress on responsibility for developmental test and evaluation within the Office of the Secretary of Defense (sec. 932)*

The House bill contained a provision (sec. 926) that would require the Secretary of Defense to provide a briefing to the Committee on Armed Services of the House of Representatives, not later than 60 days after enactment of this Act, on a strategy to ensure that there is sufficient expertise, oversight, and policy direction on the developmental test and evaluation within the Office of the Secretary of Defense after the completion of the reorganization of such Office required under section 901 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat. 2339).

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would change the required briefing into a report and to clarify that the report should affirm the distinct roles of operational testing, developmental testing, and systems engineering in performing oversight activities. The provision would also clarify that developmental test officials should have access to relevant program data to perform their oversight responsibilities.

*Report on Office of Corrosion Policy and Oversight (sec. 933)*

The House bill contained a provision (sec. 902) that would repeal section 2228 of title 10, United States Code, requiring that there be an Office of Corrosion Policy and Oversight within the Office of the Under Secretary of Defense for Acquisition, Technology, and Logistics.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would direct the Secretary of Defense to deliver recommendations to the conferees no later than 90 days after the enactment of this Act on whether or not the Department should retain the Office of Corrosion Policy and Oversight. The review shall thoroughly examine and determine if any duplication exists within the office as it relates to its mission of corrosion prevention, control, and mitigation of corrosion of the military equipment and infrastructure of the Department of Defense, particularly where there is duplication in light of the grade, qualifications, and duties of the corrosion control and prevention executives in each of the military services. The review shall also recommend, if appropriate, any additional authorities the military services would require if the Department were to recommend repealing 10 U.S.C. 2228.

## **SUBTITLE E—OTHER MATTERS**

*Commission on the National Defense Strategy for the United States (sec. 941)*

The House bill included a provision (sec. 922) that would amend section 942(e) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to provide an extension of deadlines for reporting and briefing requirements of the Commission on the National Defense Strategy.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would provide a further extension of deadlines for reporting and briefing requirements of the Commission on the National Defense Strategy. The amendment would also provide that the commission shall operate as a legislative advisory committee.

## **LEGISLATIVE PROVISIONS NOT ADOPTED**

*Responsibility of the Chief Information Officer of the Department of Defense for risk management activities regarding supply chain for information technology systems*

The House bill contained a provision (sec. 901) that would amend section 142(b)(1) of title 10, United States Code, by making the Department of Defense Chief Information Officer responsible for policy, oversight, guidance and coordination for supply chain risk management activities for the Department's information technology systems.

The Senate amendment contained no similar provision.  
The House recesses.

*Redesignation of Under Secretary of Defense for Personnel and Readiness as Under Secretary of Defense for Personnel and Health*

The Senate amendment contained a provision (sec. 906) that would amend section 136 of title 10, United States Code, to redesignate Under Secretary of Defense for Personnel and Readiness as the Under Secretary of Defense for Personnel and Health and make necessary conforming amendments.

The House bill contained no similar provision.  
The Senate recesses.

*Redesignation of the Department of the Navy as the Department of the Navy and Marine Corps*

The House bill contained a provision (sec. 911) that would redesignate the Department of the Navy as the Department of the Navy and Marine Corps. Further, this provision would redesignate the Secretary of the Navy as the Secretary of the Navy and Marine Corps.

The Senate amendment contained no similar provision.  
The House recesses.

*Conforming amendments to title 10, United States Code*

The House bill contained a provision (sec. 912) that would make conforming amendments to title 10, United States Code, consistent with designating the Department of the Navy as the Department of the Navy and Marine Corps.

The Senate amendment contained no similar provision.  
The House recesses.

*Modification of definition of OSD personnel for purposes of limitation on number of Office of Secretary of Defense personnel*

The Senate amendment contained a provision (sec. 912) that would amend section 143(b) of title 10, United States Code, to include contractor personnel working in the Office of the Secretary of Defense (OSD) in the total number of OSD personnel,

for purposes of adhering to the reduction in headquarters mandated by section 903(a) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The House bill contained no similar provision.  
The Senate recesses.

#### *Other provisions of law and other references*

The House bill contained a provision (sec. 913) that would amend other references in the United States Code consistent with the designation of the Department of the Navy as the Department of the Navy and Marine Corps.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Effective date*

The House bill contained a provision (sec. 914) that would make certain House provisions effective on the first day of the first month beginning more than 60 days after the enactment of this Act.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Reduction in authorized number of Assistant Secretaries of the military departments*

The Senate amendment contained a provision (sec. 921) that would amend section 3016(a), section 5016(a), and section 8016(a) of title 10, United States Code, to reduce the number of authorized Assistant Secretaries of each of the services by one.

The House bill contained no similar provision.  
The Senate recesses.

#### *Briefing on force management level policy*

The House bill contained a provision (sec. 923) that would establish findings and a Sense of Congress regarding the former Force Management Level Policy that restricted the total number of members of the Armed Forces of the United States deployed to Afghanistan.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees understand the Department of Defense is re-evaluating the practice of substituting contractor personnel for available members of the Armed Forces when a unit deploys overseas. No later than March 31, 2018, the conferees direct the



Secretary of Defense to provide a briefing detailing steps that the Secretary is taking to revise deployment guidelines to ensure that readiness, unit cohesion, and maintenance are prioritized and that the Secretary will avoid, to the extent practicable, this costly practice in the future.

*Sense of Congress on cooperative program for information security education*

The House bill contained a provision (sec. 924) that would express the sense of Congress that the Chief Information Officer of the Department of Defense and the National Institute of Standards and Technology-Manufacturing Extension Partnership should establish a cooperative program to educate and assist small- and medium-sized firms in the regulations and contracting standards governing the Department of Defense information systems.

The Senate amendment contained no similar provision.  
The House recedes.

*Completion of Department of Defense Directive 2310.07E regarding missing persons*

The House bill contained a provision (sec. 925) that would require the Secretary of Defense to make the completion of Department of Defense Directive 2310.07E a top priority in order to improve the efficiency of locating missing persons.

The Senate amendment contained no similar provision.  
The House recedes.

*Reduction in limitation of number of Department of Defense SES positions*

The Senate amendment contained a provision (sec. 931) that would amend section 1109(a)(1) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to reduce the number of Department of Defense Senior Executive Service positions from 1,260 to 1,140.

The House bill contained no similar provision.  
The Senate recedes.

*Transfer of lead of Guam Oversight Council from the Deputy Secretary of Defense to the Secretary of the Navy*

The Senate amendment contained a provision (sec. 951) that would redesignate the Secretary of the Navy as the lead for the Guam Oversight Council. This would transfer the responsibility

for the activities involving the relocation of forces, primarily Marines from Okinawa to Guam, from the Deputy Secretary of Defense to the Secretary of the Navy.

The House bill contained no similar provision.

The Senate recedes.

#### *Requirement for National Language Service Corps*

The Senate amendment contained a provision (sec. 953) that would amend subsection (a)(1) of section 813 of the David L. Boren National Security Education Act of 1991 (50 U.S.C. 1913) that would require the establishment and maintenance of a National Language Service Corps.

The House bill contained no similar provision.

The Senate recedes.

The conferees note the significant contributions of the National Language Service Corps and commend their efforts to respond rapidly to assist U.S. departments and agencies to fulfill a wide range of foreign language needs. The conferees urge the Secretary of Defense to maintain this important program.

## **TITLE X—GENERAL PROVISIONS**

### **SUBTITLE A—FINANCIAL MATTERS**

#### *General transfer authority (sec. 1001)*

The Senate amendment contained a provision (sec. 1001) that would authorize the Secretary of Defense to transfer up to \$4.0 billion of fiscal year 2018 funds authorized in division A of this Act to unforeseen higher priority needs in accordance with normal reprogramming procedures. Transfers of funds between military personnel authorizations would not be counted toward the dollar limitation in this provision.

The House bill contained a similar provision (sec. 1001) that would authorize \$5.0 billion in transfers.

The House recedes with an amendment that would authorize the Secretary of Defense to transfer up to \$4.5 billion in fiscal year 2018 funds to unforeseen higher priority needs in accordance with normal reprogramming procedures.

#### *Consolidation, codification and improvement of certain authorities and requirements in connection with the audit of the financial statements of the Department of Defense (sec. 1002)*

The House bill contained provisions (sec. 1002, sec. 1003, and sec. 1004) that pertain to reporting requirements as the Department of Defense places its full financial statements under audit.

The Senate amendment contained similar provisions that centered on reporting requirements (sec. 1007, sec. 6007, sec. 6008, and sec. 11006).

The Senate recedes with an amendment that would incorporate these provisions into a new section of US Code, and would streamline existing reporting requirements to remain relevant as the Department undergoes a full financial statement audit.

The conferees note that almost 3 decades after the Chief Financial Officers Act of 1990 (Public Law 101-576) and with estimated billions invested in audit, audit readiness, and ERP efforts since 2012, the Department remains unable to obtain an opinion on its financial statements. Currently, statute relating to audit has built up over years into disorganized notes to 10 USC 2222. The conferees believe that creating a dedicated section of US Code will clarify the Department's reporting requirements for future years. Finally, the conferees understand that the Department's move to undergo a full financial statement audit will require new reporting requirements than those aimed at audit readiness. The conferees support the Department's focus on undergoing a full audit going forward but continue to believe in the importance of thorough oversight of the Department's activities.

#### *Improper payment matters (sec. 1003)*

The Senate amendment contained a provision (sec. 1005) that would require the Department of Defense to comply with recommendations made by the Comptroller General of the United States that it improve the method and procedures by which it estimates, identifies susceptible programs, and reduces improper payments.

The House bill contained no similar provision.

The House recedes.

#### *Rankings of auditability of financial statements of the organizations and elements of the Department of Defense (sec. 1004)*

The House bill contained a provision (sec. 1005) that would require the Secretary of Defense, in coordination with the Under Secretary of Defense (Comptroller) to submit a report

setting forth a ranking of the auditability of the financial statements of key Department of Defense components.

The Senate amendment contained a similar provision (sec. 6009).

The House recedes with an amendment that would adjust the report's deadline and limit the requirement to a single report.

*Financial operations dashboard for the Department of Defense (sec. 1005)*

The Senate amendment contained a provision (sec. 1006) that would direct the Under Secretary of Defense (Comptroller) to establish a searchable database that contains key indicators of the financial performance of the Department of Defense, and is accessible across the government.

The House bill contained no similar provision.

The House recedes with an amendment that would clarify those with access to the dashboard, adjust the frequency of dashboard updates, and remove the reporting requirement on value created by improved financial management.

The conferees note the value of transparency and the ability of information to drive effective and accountable government. The conferees also recognize that while the statutory language guiding the Department in its financial improvement efforts is primarily focused on the requirement for annual financial audits, Congress' intent for requiring the Department to audit its financial statements is to ensure not only that the Department complies with its Constitutional and legal obligation to account for all taxpayer funds received and expended but also that Department leadership has available reliable financial information with which to make better program management and budgeting decisions. The financial controls required to achieve and sustain a clean audit opinion reduce wasteful spending resulting from inefficiencies. Without the control environment that underpins auditability, it costs more to achieve our desired levels of military readiness. To facilitate the adoption of better financial controls and provide much-needed transparency on the cost of the Department's financial operations, this dashboard would contain key indicators of the financial performance of the Department of Defense. The conferees expect that Congress and GAO will have appropriate access to the dashboard and supporting information to enable oversight functions.

*Review and recommendations on efforts to obtain audit opinion on full financial statements (sec. 1006)*

The Senate amendment contained a provision (sec. 1004) that would reduce the annual rate of basic pay for calendar year 2020 and for each year thereafter for each secretary of a military department who does not obtain an audit opinion on their service's fiscal year 2018 financial statements. This provision would also require the Secretary of Defense to establish a team of private sector experts on financial audits to assess the Department's progress and make recommendations.

The House bill contained no similar provision.

The House recesses with an amendment that would remove the pay cuts for service secretaries, and would allow the Department to stand up the team of private sector experts immediately.

*Notification requirement for certain contracts for audit services (sec. 1007)*

The House bill contained a provision (sec. 865) that would require the Secretary of Defense to notify the congressional defense committees when there is a protest of a contract for auditing services that contribute to the Department of Defense achieving auditable financial statements and the Department decides not to use existing authorities to continue performance of the contract while the protest is pending.

The Senate amendment contained no similar provision.

The Senate recesses.

## **SUBTITLE B—COUNTERDRUG ACTIVITIES**

*Extension of authority to support a unified counterdrug and counterterrorism campaign in Colombia (sec. 1011)*

The Senate amendment contained a provision (sec. 1011) that would extend by three years section 1021 of the Ronald W. Reagan National Defense Authorization Act for Fiscal Year 2005 (Public Law 108-375), as most recently amended by section 1013 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328). Additionally, the provision would amend DOD's authority to support Colombia's unified counterdrug and counterterrorism campaign.

The House bill contained no such provision.

The House recesses with an amendment that would strike the modifications to the existing authority.

The conferees recognize the remarkable security gains the Government of Colombia has achieved over the last 15 years and its contributions to regional security. The conferees strongly support the vital partnership between the United States and Colombia, note the importance of sustaining and building upon

these gains in the face of new security challenges, and urge the Department of Defense (DOD) in coordination with other relevant agencies to ensure its security cooperation programs and authorities reflect the evolving security environment in Colombia and the region.

The conferees therefore direct the Secretary of Defense, in coordination with the Secretary of State, to provide a briefing to the congressional defense committees not later than 90 days after the enactment of this Act on DOD's plans to support the Government of Colombia and any modification to legal authorities it may need given the evolving security situation. The briefing shall include: (1) a discussion of how DOD plans to support the Government of Colombia as the disarmament, demobilization, and reintegration of the Revolutionary Armed Forces of Colombia (FARC) continues; (2) DOD's definition of which other persistent terrorist and narcotics trafficking organizations threaten peace, stability, and U.S. interests in Colombia; (3) DOD's views on how to appropriately adjust authorities in light of the marginalization, fragmentation, and emergence of organizations that pose such threats, and any challenges the current authority presents to supporting the Government of Colombia; and (4) any other matters that the Secretary of Defense and Secretary of State deem relevant.

*Venue for prosecution of maritime drug trafficking (sec. 1012)*

The Senate amendment contained a provision (sec. 14013) that would amend section 70504(b) of title 46, United States Code, on matters relating to venue for prosecution of maritime drug trafficking.

The House bill contained no similar provision.

The House recesses.

## **SUBTITLE C—NAVAL VESSELS AND SHIPYARDS**

*National Defense Sealift Fund (sec. 1021)*

The House bill contained a provision (sec. 1011) that would amend section 2218 of title 10, United States Code, and strike the use of the fund for research and development related to national defense sealift. This section would also authorize the Secretary of Defense to purchase up to five used vessels, regardless of where constructed for the Ready Reserve Force (RRF) component on a one-by-one basis with new vessels authorized by the National Defense Sealift Fund. Finally, prior to the purchase of a vessel not constructed in the United States, the section would require the Secretary to certify that

there are no United States constructed vessels available for purchase at a reasonable price that are suitable for national defense or military purposes.

The Senate amendment contained similar provisions (sec. 1018 and sec. 1020).

The Senate recedes with an amendment that would strike the use of the fund for research and development related to national defense sealift; authorize the Secretary of Defense to purchase up to two used vessels for the RRF component, regardless of where constructed; and require inclusion of auxiliary vessels in the annual 30-year shipbuilding plan required by section 231 of title 10, United States Code.

The conferees note that the auxiliary and sealift fleets consist of numerous platforms that have or are approaching the end of their useful service life and need to be recapitalized. The current average age of the vessels in the RRF portion of the National Defense Reserve Fleet (NDRF) and the Military Sealift Command's (MSC) surge fleet is 39 years. The fleets are comprised of many different ship classes with both U.S. and foreign-constructed vessels. The cost of maintaining this aging fleet is increasing as maintenance and repair actions are becoming more challenging due to lack of availability of spare parts and the general wear and tear on the vessels over time.

The conferees further note the administration has proposed a three-pronged plan that includes recapitalization of the existing fleet, procurement of used vessels and construction of new vessels. The conferees understand that the administration has not programmed any funds to support this new construction program and a program of record to support the Common Hull Auxiliary Multi-mission Platform (CHAMP) is still under development. The administration indicated that the development of the requirements, as well as design processes, would lead to an anticipated first delivery of new vessels in the late-2020s. The conferees also understand that the administration does not need to procure any ships in fiscal year 2018.

While the conferees support providing authority to procure two used vessels, the conferees are disappointed with the lack of detail associated with the overall program to recapitalize the surge sealift force and believe a comprehensive plan is appropriate before additional authorities are provided.

Therefore, the conferees direct the Secretary of the Navy, in consultation with the Commander, U.S. Transportation Command and the Maritime Administrator, to submit a report to the congressional defense committees not later than March 1, 2018 that includes the following items:

(1) An assessment, by vessel, of the material condition and remaining service life of the RRF component of the NDRF and the MSC's surge fleet;

(2) A description of any major modernization program, by vessel, that seeks to extend the service life of the RRF component of the NDRF and the MSC's surge fleet;

(3) A notional acquisition strategy for the next five years to acquire used vessels that describes the following elements:

(a) An assessment of U.S.-built ships that could be procured for the RRF;

(b) Total number of used vessels required for purchase;

(c) A proposed timeline for the acquisition of each used vessel, the modernization or conversion of the used vessel and an initial operating capability to align with the retirement of the existing RRF vessel;

(d) A cost estimate for procurement of each used vessel and an assessment of modernization or conversion costs to support delivering a RRF vessel;

(e) A determination of the contracting agency and program office that will be used to procure, modernize or convert the used vessels; and

(f) A determination of which agency or program office will assess the material condition and ability to meet RRF or MSC surge fleet requirements of each used vessel prior to purchase;

(4) A description of the program of record associated with the CHAMP program to include major acquisition milestone events, which shall also include an assessment of the extent to which the CHAMP program could be accelerated;

(5) The fiscal profile, by account, that supports this plan to recapitalize the RRF component of the NDRF and the MSC's surge fleet; and

(6) Additional legislative authorities, if any, necessary to continue meeting Department of Defense sealift requirements while recapitalizing the surge sealift force. Any such authorities should be supported by appropriate analysis and justification.

The conferees' intent in revising section 231 of title 10, United States Code, is to provide greater visibility of the Navy's long-term plans for auxiliary vessels. The Navy's annual 30-year shipbuilding plan will now be required to include the ships contained in the auxiliary ship category of Secretary of the Navy Instruction 5030.8, as well as any RRF or MSC surge fleet vessels procured and planned to be procured with Department of Defense appropriations.



*Use of National Sea-Based Deterrence Fund for multiyear procurement of certain critical components (sec. 1022)*

The House bill contained a provision (sec. 1013) that would expand the authority of the Secretary of the Navy to enter into a multiyear contract for certain nuclear-powered vessel components to include missile tubes, torpedo tubes, and propulsors.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would define "critical components" as the following: a common missile compartment component, a spherical air flask, an air induction diesel exhaust valve, an auxiliary seawater valve, a hovering valve, a missile compensation valve, a main seawater valve, a launch tube, a trash disposal unit, a logistics escape trunk, a torpedo tube, a weapons shipping cradle weldment, a control surface, a launcher component, and a propulsor.

*Operational readiness of littoral combat ships on extended deployment (sec. 1023)*

The Senate amendment contained a provision (sec. 1017) that would amend title 10, United States Code, to provide the Secretary of the Navy with additional flexibility to maintain Littoral Combat Ships operating on deployments.

The House bill contained no similar provision.

The House recedes with an amendment that would sunset the new authorities provided by the Senate provision on September 30, 2020.

The conferees direct the Secretary of the Navy to submit to the congressional defense committees a report not later than the first day of February of 2019, 2020, and 2021 on the readiness of Littoral Combat Ships (LCSs) operating under the authorities provided by this section. This report shall include each of the following for the previous fiscal year:

- (1) Lessons learned regarding sustainment of LCSs while operating on deployments, including the extent to which shipboard personnel were involved in performing maintenance;
- (2) The sustainment strategy, including maintenance requirements, methods, and costs, utilized to support LCSs while operating on deployments;
- (3) Observations and recommendations regarding these authorities, including modifications that would improve the readiness of LCSs operating on deployments;
- (4) The effect of these authorities on material readiness and operational availability;

(5) The extent to which overseas maintenance periodicities were accomplished in the scheduled or allotted timeframes;

(6) The total cost to sustain LCSs operating on deployments, including all costs for the performance of corrective and preventative maintenance, and all facilitation costs, both ashore and shipboard;

(7) A detailed comparison of costs, including the cost of labor, between maintenance support provided in the United States and any savings achieved by performing facilities maintenance in foreign shipyards;

(8) A description of the permanent facilities required to support LCSs while operating on deployments from overseas locations; and

(9) A recommendation to either maintain or eliminate the sunset of these authorities, which would take effect on September 30, 2020.

The conferees also direct the Secretary of the Navy to submit to the congressional defense committees a report not later than 180 days after the date of enactment of this Act, which includes for the period of fiscal years 2018 through 2023: (1) a comprehensive Littoral Combat Ship maintenance plan, by level of maintenance (e.g., depot, intermediate and unit-level) and the implementation schedule for each LCS; and (2) the schedule of LCS inspections that complies with section 7304 of title 10, United States Code (i.e. Board of Inspection and Survey plan for LCSs).

*Availability of funds for retirement or inactivation of Ticonderoga-class cruisers or dock landing ships (sec. 1024)*

The House bill contained a provision (sec. 1015) that would prohibit the Secretary of the Navy from using funds authorized to be appropriated by this Act to retire a cruiser or dock landing ship or place in a modernization status more than six cruisers and one dock landing ship.

The Senate amendment contained no similar provision.

The Senate recedes.

*Policy of the United States on minimum number of battle force ships (sec. 1025)*

The House bill contained a provision (sec. 1016) that would codify at least a 355-ship Navy battle force as U.S. policy.

The Senate amendment contained a similar provision (sec. 1016).

The House recesses.

*Surveying ships (sec. 1026)*

The Senate amendment contained a provision (sec. 1019) that would require the Chief of Naval Operations to conduct a force structure assessment for the purpose of establishing a surveying ship requirement and provide the results to the congressional defense committees not later than 120 days after the date of enactment of this Act.

The House bill contained no similar provision.

The House recesses.

## **SUBTITLE D—COUNTERTERRORISM**

*Modification of authority on support of special operations to combat terrorism (sec. 1031)*

The House bill contained a provision (sec. 1025) that would modify the biannual reporting requirements located in section 127e(g) of title 10, United States Code.

The Senate amendment contained a similar provision (sec. 1202) that would modify section 127e of title 10, United States Code related to oversight responsibilities and reporting requirements.

The House recesses with a clarifying amendment.

*Termination of requirement to submit annual budget justification display for Department of Defense combating terrorism program (sec. 1032)*

The House bill contained a provision (sec. 1021) that would terminate the requirement to submit an annual budget justification display for Department of Defense combating terrorism programs under section 229 of title 10, United States Code, by December 31, 2020.

The Senate amendment contained no similar provision.

The Senate recesses.

*Prohibition on use of funds for transfer or release of individuals detained at United States Naval Station, Guantanamo Bay, Cuba, to the United States (sec. 1033)*

The House bill contained a provision (sec. 1022) that would prohibit the use of any amounts authorized to be appropriated or otherwise made available for the Department of

Defense to be used during the period beginning on the date of the enactment of this Act and ending on December 31, 2018, to transfer or release detainees at U.S. Naval Station, Guantanamo Bay, Cuba, to or within the United States, its territories, or possessions.

The Senate amendment contained a similar provision (sec. 1031).

The Senate recesses.

*Prohibition on use of funds to construct or modify facilities in the United States to house detainees transferred from United States Naval Station, Guantanamo Bay, Cuba (sec. 1034)*

The House bill contained a provision (sec. 1023) that would prohibit the use of any amounts authorized to be appropriated or otherwise made available for the Department of Defense to be used during the period beginning on the date of the enactment of this Act and ending on December 31, 2018, to construct or modify any facility in the United States, its territories, or possessions to house any detainee transferred from United States Naval Station, Guantanamo Bay, Cuba, for the purposes of detention or imprisonment in the custody or under the effective control of the Department of Defense.

The Senate amendment contained a similar provision (sec. 1032).

The Senate recesses.

*Prohibition on use of funds for transfer or release of individuals detained at United States Naval Station, Guantanamo Bay, Cuba, to certain countries (sec. 1035)*

The House bill contained a provision (sec. 1024) that would prohibit the use of any amounts authorized to be appropriated or otherwise made available for the Department of Defense to be used during the period beginning on the date of the enactment of this Act and ending on December 31, 2018, to transfer, release, or assist in the transfer or release of any individual detained at U.S. Naval Station, Guantanamo Bay, Cuba, to Libya, the Federal Republic of Somalia, the Syrian Arab Republic, or the Republic of Yemen.

The Senate amendment contained a similar provision (sec. 1033).

The Senate recesses.

*Prohibition on use of funds to close or relinquish control of United States Naval Station, Guantanamo Bay, Cuba (sec. 1036)*

The House bill contained a provision (sec. 1026) that would extend through fiscal year 2018, the prohibition on the use of funds to close or abandon United States Naval Station, Guantanamo Bay, Cuba, to relinquish control of Guantanamo Bay to the Republic of Cuba, or to implement a material modification to the Treaty between the United States of America and Cuba signed at Washington, D.C. on May 29, 1934, that constructively closes United States Naval Station, Guantanamo Bay.

The Senate amendment contained a similar provision (sec. 1034).

The Senate recesses.

*Sense of Congress regarding providing for timely victim and family testimony in military commission trials (sec. 1037)*

The House bill contained a provision (sec. 1027) that would express the sense of Congress that military judges overseeing military commissions in United States Naval Station, Guantanamo Bay, Cuba, should consider making arrangements to take recorded testimony from victims and their families should they wish to provide testimony before such a commission.

The Senate amendment contained no similar provision.

The Senate recesses.

*Report on public availability of military commissions proceedings (sec. 1038)*

The House bill contained a provision (sec. 1029) that would amend section 949d of title 10, United States Code, to authorize a military judge of a military commission to order arrangements for the availability of a military commission proceeding to be watched remotely by the public through the internet, in the case of any proceeding that is made open to the public.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would require the Comptroller General of the United States to conduct a study on the feasibility and advisability of expanding the public availability of military commissions proceedings that are made open to the public.

In conducting the required study, the conferees expect the Comptroller General to collect and evaluate views on the matter of expanding access to public military commissions proceedings from a wide variety of sources that represent the full range of interests on the matter, including, but not limited to: the Judicial Conference of the United States and its relevant committees, victims of terrorism and their families, victim

advocacy groups, jurists, legal counsel, national security policy experts, scholars, independent professional organizations, such as the American Bar Association, civil society organizations, the media, and relevant offices within the Department of Defense and other federal departments and agencies, including the Administrative Office of the U.S. Courts. The conferees also expect the required study to evaluate the potential advantages and disadvantages of arrangements that would support expanded access to public military commissions proceedings, including, but not limited to, arrangements for internet broadcasts of those proceedings.

## **SUBTITLE E—MISCELLANEOUS AUTHORITIES AND LIMITATIONS**

*Limitation on expenditure of funds for emergency and extraordinary expenses for intelligence and counterintelligence activities (sec. 1041)*

The House bill contained a provision (sec. 1031) that would modify section 127 of title 10, United States Code, to include an additional notification requirement for intelligence and counter-intelligence activities.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would modify the notification and reporting requirements under section 127 of title 10, United States Code.

*Matters relating to the submittal of future-years defense programs (sec. 1042)*

The Senate amendment contained a provision (sec. 1041) that would amend section 221 of title 10, United States Code, to require the Secretary of Defense to publish an unclassified electronic database on the Comptroller's U.S. government restricted website for the future-years defense program and, where applicable, a separate classified annex to the congressional defense committees, Congressional Budget Office, Congressional Research Service, and Government Accountability Office.

The House bill contained no similar provision.

The House recedes with an amendment that would limit the distribution of any documents relating to the future-years defense programs to Congress, the Comptroller General of the United States, the Congressional Research Service, and the Congressional Budget Office.

*Modifications to humanitarian demining assistance authorities (sec. 1043)*

The House bill contained a provision (sec. 1032) that would amend section 407, of title 10, United States Code, to remove ``stockpiled conventional munitions`` from the limitations of training opportunities with partner nations. This section would also amend the definitions of ``humanitarian demining assistance`` and ``stockpiled conventional munitions assistance.``

The Senate amendment contained no similar provision.  
The Senate recesses.

*Prohibition on charge of certain tariffs on aircraft traveling through channel routes (sec. 1044)*

The House bill contained a provision (sec. 1033) that would prohibit U.S. Transportation Command from charging a tariff when a military service operates their aircraft on a route that is designated by U.S. Transportation Command as a channel route.

The Senate amendment contained no similar provision.  
The Senate recesses.

*Prohibition on lobbying activities with respect to the Department of Defense by certain officers of the Armed Forces and civilian employees of the Department within two years of separation from military service or employment with the Department (sec. 1045)*

The Senate amendment contained a provision (sec. 1043) that would apply a 2-year limitation on certain officers and civilian employees of the Department of Defense from engaging in any lobbying activity with respect to issues involving the Department of Defense.

The House bill contained no similar provision.

The House recesses with an amendment that would apply a 2-year limitation on officers at the O-9 or higher level and their civilian grade equivalents of the Department of Defense from engaging in any lobbying activity with respect to the Department of Defense, and a similar 1-year limitation on officers at the O-7 and O-8 level and their civilian counterparts.

*Prohibition on use of funds for retirement of legacy maritime mine countermeasures platforms (sec. 1046)*

The House bill contained a provision (sec. 1035) that would prohibit the Secretary of the Navy from obligating or expending funds to deactivate, decommission, or place in reduced operating status any mine countermeasures ships or *Sea Dragon* (MH-53) helicopters. The limitation in this section may be waived if the Secretary of the Navy certifies that the replacement mine countermeasures capabilities are available in sufficient quantity and capacity to meet the combatant commander requirements that are currently fulfilled by legacy mine countermeasures platforms.

The Senate amendment contained a similar provision (sec. 1046).

The Senate recedes with an amendment that would allow the Secretary of the Navy to waive this section for *Sea Dragon* (MH-53) helicopters, on a case-by-case basis, that are non-operational due to a mishap or other damage or because it is uneconomical to repair.

*Report on western Pacific Ocean ship depot maintenance capability and capacity (sec. 1047)*

The House bill contained a provision (sec. 1036) that would withhold funding for the Office of the Secretary of the Navy until a request for proposal for a dry dock in the Western Pacific has been issued.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would limit certain Secretary of the Navy funds until a report on ship depot maintenance capability and capacity required for U.S. Navy ships operating in the western Pacific Ocean is submitted. The amendment would also require a business case analysis and Secretary of Defense certification.

The conferees are aware the Navy is currently conducting an environmental assessment for the repair and modernization of Lima Wharf at Naval Base Guam and the current estimate for this project is approximately \$97.0 million.

The conferees are also aware that there may be infrastructure investments required to support the reestablishment of a drydock capability on Guam. If the report, certification, or business case analysis required by this section demonstrate a requirement for investments in either the Lima Wharf project or infrastructure to support the reestablishment of a drydock capability on Guam, the conferees encourage the Secretary of the Navy to consider carrying out such investments at the earliest opportunity, to include use of available resources in fiscal year 2018.



*Annual training regarding the influence campaign of the Russian Federation (sec. 1048)*

The House bill contained a provision (sec. 545) that would authorize the Secretary of Defense to furnish annual training to all members of the Armed Forces and all civilian employees of the Department of Defense regarding attempts by the Russian Federation and its proxies and agents to influence and recruit members of the Armed Forces as part of its influence campaign.

The Senate amendment contained no similar provision.

The Senate recesses.

*Workforce issues for military realignments in the Pacific (sec. 1049)*

The House bill contained a provision (sec. 1062) that would amend section 1806 of title 48, United States Code, to permit the Director, U.S. Citizenship and Immigration Services, to approve H-2B visa applications and renewals through October 1, 2020, for contractors performing work on the Territory of Guam for the construction program supporting the realignment of U.S. Marines to Guam.

The Senate amendment contained a similar provision (sec. 1264) that would extend the authority for visas to be granted to individuals performing work on facilities related to the relocation of Marines to Guam from 2019 to 2023. The number of new visas that could be granted for this specific purpose would be limited to 4000.

The Senate recesses with an amendment that would extend the authority for visas to be granted to individuals performing work on military facilities for the military realignment, or on non-Department of Defense facilities that are associated with the realignment, from 2018 to 2023. The number of new visas that could be granted for this specific purpose would be limited to 4000 per fiscal year. The authority for Guam would take effect 120 days after the date of the enactment of this Act. The authority for the Commonwealth of the Northern Marianas would take effect 120 days after the Secretary of Defense certifies that all federal, state, and local approvals are in place for projects supporting the activities of the Air Force and the United States Marine Corps, or the date on which the transition program ends, whichever is later.

## **SUBTITLE F—STUDIES AND REPORTS**

*Elimination of reporting requirements terminated after November 25, 2017, pursuant to section 1080 of the National Defense Authorization Act for Fiscal Year 2016 (sec. 1051)*

The House bill contained provisions (secs. 581, 1051) that would make technical and conforming amendments related to the termination of certain Department of Defense reporting requirements pursuant to section 1080 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92).

The Senate amendment contained a similar provision (sec. 1068).

The Senate recedes with technical and conforming amendments and an amendment that would require the Secretary of Defense to submit, not later than February 1, 2018, to the Committees on Armed Services of the Senate and House of Representatives a report listing reports required to be submitted to Congress by the Department of Defense from any source of law other than an annual national defense authorization act as of April 1, 2015.

The conferees agree that the Secretary of Defense is no longer required to submit the report required by the Item of Special Interest titled "Report on Statement of Budgetary Activity to assess progress toward auditability" in the Senate report accompanying S. 2410 (S. Rept. 113-176) of the National Defense Authorization Act for Fiscal Year 2015.

*Report on transfer of defense articles to units committing gross violations of human rights (sec. 1052)*

The House bill contained a provision (sec. 1040) that would require the Director of the Defense Security Cooperation Agency, in consultation with the appropriate United States embassy personnel in the foreign state, to determine whether the government of the foreign state has transferred any defense article to a unit that is prohibited from receiving assistance from the United States by reason of a determination by the Secretary of State that there is credible evidence that such unit has committed a gross violation of human rights. The Secretary of Defense would be required to submit a report with the determination to the Committee on Armed Services and the Committee on Foreign Relations of the Senate and the Committee on Armed Services and the Committee on Foreign Affairs of the House of Representatives.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require a report describing the current laws, guidance, and policies for Department of Defense personnel to monitor and report the

transfer of equipment, provided to the government of a foreign state pursuant to a Department of Defense assistance authority, that has subsequently been provided by that government to a unit that is prohibited from receiving assistance from the United States by reason of a determination by the Secretary of State that there is credible evidence that such unit has committed a gross violation of human rights. It would also require a description of any confirmed instances of such transfers since January 1, 2016.

*Report on the National Biodefense Analysis and Countermeasures Center (sec. 1053)*

The House bill contained two provisions (sec. 1043 and sec. ) that would limit the use of funds to support the closure of a biosafety level 4 laboratory and would require the Secretary of Defense to submit a report on the National Biodefense Analysis and Countermeasures Center (NBACC).

The Senate amendment contained a similar provision (sec. 14007).

The Senate recedes with an amendment that would require the Secretary of Defense and the Secretary of Homeland Security to submit a report on the NBACC.

*Report on Department of Defense Arctic capability and resource gaps and required infrastructure (sec. 1054)*

The House bill contained a provision (sec. 1052) that would require the Secretary of Defense to submit to the congressional defense committees a report, not later than 90 days after the date of enactment of this Act, detailing the Department of Defense's efforts to resolve Arctic security capability and resource gaps.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would incorporate additional requirements on the readiness challenges posed by the Arctic region.

*Review and assessment of Department of Defense personnel recovery and nonconventional assisted recovery mechanisms (sec. 1055)*

The House bill contained a provision (sec. 1053) that would direct the Secretary of Defense to submit to the congressional defense committees a review and assessment of personnel recovery and nonconventional assisted recovery

programs, authorities, and policies not later than March 1, 2018.

The Senate amendment contained no similar provision.  
The Senate recedes with a clarifying amendment.

*Mine warfare readiness inspection plan and report (sec. 1056)*

The House bill contained a provision (sec. 1054) that would require the Navy to submit a plan for a readiness inspection of naval mine warfare units and report to Congress on the results after the first inspection has been completed. This section would also repeal section 1090 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92).

The Senate amendment contained no similar provision.  
The Senate recedes.

*Annual report on civilian casualties in connection with United States military operations (sec. 1057)*

The House bill contained a provision (sec. 1055) that would require the Secretary of Defense to submit to the congressional defense committees a report on strikes carried out by the Department of Defense against terrorist targets.

The Senate amendment contained a similar provision (sec. 1070) that would also require the Secretary of Defense to submit to the congressional defense committees a report on civilian casualties caused as a result of United States military operations during the preceding year. The report is to be delivered no later than May 1 of each year.

The House recedes with clarifying amendment.

*Report on Joint Pacific Alaska Range Complex modernization (sec. 1058)*

The House bill contained a provision (sec. 1057) that would require the Secretary of the Air Force to submit a report to the congressional defense committees regarding proposed improvements to the Joint Pacific Alaska Range Complex within 120 days after the date of enactment of this Act.

The Senate amendment contained no similar provision.  
The Senate recedes.

*Report on alternatives to aqueous film forming foam (sec. 1059)*

The House bill contained a provision (sec. 1060) that would require the Secretary of Defense to submit to the congressional defense committees a report on the Department of

Defense's development of safe and effective alternatives to aqueous film forming foam.

The Senate amendment contained no similar provision.

The Senate recesses.

*Assessment of global force posture (sec. 1060)*

The Senate amendment contained a provision (sec. 1061) that would require the Secretary of Defense, in consultation with the Chairman of the Joint Chiefs of Staff and the combatant commanders, to conduct an assessment of the global force posture of the Armed Forces. The provision would also require the Secretary to submit a report on the assessment to the Committees on Armed Services of the Senate and the House of Representatives not later than the earlier of 180 days after production of the 2018 National Defense Strategy or December 31, 2018.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Secretary of Defense to consult with the chiefs of the military services, in addition to the Chairman of the Joint Chiefs of Staff and the commanders of the combatant commanders, when conducting the assessment of the global force posture of the Armed Forces. The amendment would also make minor changes to the required report.

*Army modernization strategy (sec. 1061)*

The Senate amendment contained a provision (sec. 1062) that would require the Secretary of the Army to develop a comprehensive modernization strategy for the total Army.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Army to include a detailed description of its combat vehicle modernization priorities over the next 5 and 10 years. The amendment also directs the Secretary of the Army to submit its modernization strategy to the congressional defense committees not later than April 30, 2018. Furthermore, the amendment also directs the Comptroller General of the United States to conduct an assessment of the Army Modernization Strategy and provide the congressional defense committees with a briefing on its findings no later than May 1, 2018. The amendment also calls for a report on the Comptroller General's final assessment to be submitted to the congressional defense committees.

The conferees agree that this provision will address the reporting requirements as required in the House report accompanying H.R. 2810 (H. Rept. 115-200) of the National Defense Authorization Act for Fiscal Year 2018 on armored combat

team modernization, and, as a result, the Secretary of the Army and the Comptroller General of the United States are not required to provide the report specified in H. Rept. 115-200.

The conferees expect that this strategy will explicitly address the Army's vision, end-state, key objectives, war fighting challenges, and risks. It should be sufficiently descriptive to drive requirements, set priorities, identify opportunity costs, and establish acquisition timelines.

The strategy shall describe how the Army intends to fight and win as part of a joint force engaged in combat across all operational domains to include: current trends and developments in weapons and equipment technologies; the rapid pace with which potential peer adversaries are evolving new tactics and force design; and the definition of what the Army will need to maintain command, control, communications, and sustainment of dispersed combat and combat support units in the face of electronic and cyber-attacks.

*Report on Army plan to improve operational unit readiness by reducing number of non-deployable soldiers assigned to operational units (sec. 1062)*

The Senate amendment contained a provision (sec. 1063) that would require the Secretary of the Army to submit a report to the congressional defense committees detailing the Army's plan to improve operational unit readiness by reducing the number of non-deployable soldiers assigned to those units and replacing them with soldiers capable of worldwide deployment.

The conferees are concerned that these levels of non-deployable soldiers assigned to operational units are negatively affecting training, training management efficiencies, equipment maintenance, small unit cohesion, and combat effectiveness.

The House bill contained no similar provision.

The House recesses.

*Efforts to combat physiological episodes on certain Navy aircraft (sec. 1063)*

The Senate amendment contained a provision (sec. 1064) that would require the Secretary of the Navy to provide quarterly updates on the progress of the Navy's Physiological Episode Team and its efforts to combat physiological episodes in F/A-18 Hornets and Super Hornets, EA-18 Growlers, and T-45 Goshawks.

The House bill contained no similar provision.

The House recesses.

*Studies on aircraft inventories for the Air Force (sec. 1064)*

The Senate amendment contained a provision (sec. 1065) that would direct the Secretary of Defense to commission three studies to recommend future aircraft inventories and capability mixtures of Air Force aircraft.

The House bill contained no similar provision.

The House recesses.

*Department of Defense review of Navy capabilities in the Arctic region (sec. 1065)*

The Senate amendment contained a provision (sec. 1072) that would require the Secretary of the Navy to submit a report on Navy capabilities in the Arctic region to the congressional defense committees not later than 180 days after the date of enactment of this Act.

The House bill contained no similar provision.

The House recesses.

*Comprehensive review of maritime intelligence, surveillance, reconnaissance, and targeting capabilities (sec. 1066)*

The Senate amendment contained a provision (sec. 11607) that would require the Secretary of the Navy to submit to the congressional defense committees a comprehensive review of maritime intelligence, surveillance, reconnaissance, and targeting not later than May 1, 2018.

The House bill contained no similar provision.

The House recesses with a technical amendment.

The conferees understand Navy leaders are pursuing initiatives focused on greater weapon lethality through increased targeting options, including "networking everything to everything", the "Navy Tactical Cloud", and the "kill web". The conferees' intent is for this report to evaluate the sufficiency of these initiatives to meet the maritime intelligence, surveillance, reconnaissance, and targeting (ISR&T) warfighting requirements for Navy ships, submarines, and aircraft in highly contested environments.

The conferees are concerned that the advanced electronic warfare capabilities, including jamming, of potential adversaries could result in more vulnerable "inorganic" capabilities and networks in a "kill web", as compared to "organic" sensors on platforms. The conferees expect to learn from this report if warfighting requirements for ISR&T in contested electromagnetic environments necessitate greater ISR&T

capability or capacity on and from ships and submarines (i.e. "organic" ISR&T).

Additionally, the conferees seek to understand the information architecture into which various existing and planned ISR&T systems will integrate, with particular attention given to sufficiency, effectiveness, latency, and redundancy.

*Report on the need for a Joint Chemical-Biological Defense Logistics Center (sec. 1067)*

The Senate amendment contained a provision (sec. 10902) that would require the Secretary of Defense to conduct a report on the need for a Joint Chemical-Biological Defense Logistics Center.

The House bill contained no similar provision.

The House recesses.

*Missile Technology Control Regime Category I unmanned aerial vehicle systems (sec. 1068)*

The Senate amendment contained a provision (sec. 1044) that would establish the definition of an unmanned aerial vehicle as an aerial vehicle that is not controlled by a human being, but would not include a vehicle that is remotely piloted.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Secretary of Defense and the Secretary of State to provide Congress with a report providing an evaluation of the impact to national security of current United States policy regarding proliferation of complete unmanned aerial vehicle systems under Category I of the Missile Technology Control Regime.

*Recommendations for interagency vetting of foreign investments affecting national security (sec. 1069)*

The Senate amendment contained a provision (sec. 1066) that would require the Secretary of Defense, in consultation with the Secretary of State and the Secretary of Treasury, to conduct an assessment and develop and present to Congress a plan for the Department of Defense and recommendations for other agencies for how certain foreign investments can be better vetted. This provision would also direct the Department of Defense to provide to the Committees on Armed Services of the Senate and the House of Representatives an interim report within 90 days and a final report within 180 days of the enactment of this Act.

The House bill contained no similar provision.



The House recesses with an amendment that would require concurrence from the Secretary of State and the Secretary of Treasury, and the Director of National Intelligence. The amendment would also refine the focus of the plan and recommendations.

*Briefing on prior attempted Russian cyber attacks against defense systems (sec. 1070)*

The House bill contained a provision (sec. 1059) that would require the Secretary of Defense to submit to the Congress a report on all prior attempted Russian cyber attacks against Department of Defense systems within the last 2 years.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment requiring a briefing.

*Enhanced analytical and monitoring capability of the defense industrial base (sec. 1071)*

The House bill contained a provision (sec. 1079) that would require the President, in consultation with the Secretary of State, the Secretary of the Treasury, the Secretary of Defense, the Attorney General, the Secretary of Homeland Security, the Director of National Intelligence, and the Director of the National Security Agency, to issue to the appropriate congressional defense committees, a report combining relevant reports on the adequacy of, vulnerabilities of, and concentration of purchases in the defense industrial sector. The provision would further require the Secretary of Defense to develop and maintain a database of all relevant transactions.

The Senate bill contained no similar provision.

The Senate recesses with an amendment that would strike the requirement to establish a database and require the Secretary of Defense to create a new process to analyze potential transactions with foreign companies with national security implications.

*Report on defense of combat logistics and strategic mobility forces (sec. 1072)*

The Senate amendment contained a provision (sec. 6003) that would require the Secretary of the Navy to submit a report on the defense of combat logistics and strategic mobility forces to the Committees on Armed Services of the Senate and House of Representatives not later than January 1, 2018.

The House bill contained no similar provision.

The House recesses with a technical amendment.

*Report on acquisition strategy to recapitalize the existing system for undersea fixed surveillance (sec. 1073)*

The Senate amendment contained a provision (sec. 11606) that would require the Secretary of the Navy to submit a report on the acquisition strategy to recapitalize the existing system for undersea fixed surveillance to the congressional defense committees not later than 60 days after the date of enactment of this Act.

The House bill contained no similar provision.

The House recesses.

*Report on implementation of requirements in connection with the organization of the Department of Defense for management of special operations forces and special operations (sec. 1074)*

The Senate amendment contained a provision (sec. 10901) that would require the Secretary of Defense to submit to the Committees on Armed Services of the Senate and the House of Representatives a report on the implementation of section 922 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat. 2354) and the amendments made by that section not later than 90 days after the date of the enactment of this Act.

The House bill contained no similar provision.

The House recesses with a clarifying amendment.

The conferees note that section 922 of the National Defense Authorization Act for Fiscal year 2017 (P.L.114-328) included a number of reforms designed to enhance the role of the Assistant Secretary of Defense for Special Operations and Low Intensity Conflict (ASD SOLIC) in providing for the oversight and advocacy of special operations forces (SOF). The conferees support efforts by the Department to implement these reforms, including by taking steps to emphasize the role of the ASD SOLIC in budgeting, programming, and personnel matters in recent months. However, the conferees also believe much more remains to be done to achieve the full intent of the provision. In particular, the conferees believe that the "service secretary-like" mission of the ASD SOLIC should be more robustly manned and resourced in order to fulfill the ASD SOLIC's mandate under title 10, United States Code. The conferees believe that the ASD SOLIC is unlikely to be able to effectively achieve congressional intent within its currently assigned manpower and resources.

Therefore, the conferees direct the Comptroller General of the United States to submit to the Committee on Armed Services of the Senate and the House of Representatives a review of the

report required by this section that assesses: 1) the extent to which the report addressed elements described in subsection (b) of such section; 2) the adequacy and completeness of the assumptions reviewed to establish the manpower requirements described in the report; 3) any actions taken or planned to implement actions identified in the report; and 4) any other matters the Comptroller General determines are relevant. Not later than 90 days after the date on which the Department submits the required report, the Comptroller General shall provide a briefing to the Committee on Armed Services of the Senate and the House of Representatives the preliminary results of its assessment.

*Report on the global food system and vulnerabilities relevant to Department of Defense missions (sec. 1075)*

The Senate amendment contained a provision (sec. 11002) that would require the Secretary of Defense, in consultation with the heads of such components of the Department of Defense as the Secretary considers appropriate, to submit to the congressional defense committees an assessment of Department of Defense policies and operational plans for addressing the national security implications of global food system vulnerabilities not later than one year after the date of the enactment of this Act.

The House bill contained no similar provision.  
The House recedes.

## **SUBTITLE G—MODERNIZING GOVERNMENT TECHNOLOGY**

*Modernizing Government Technology Act (secs. 1076-1078)*

The Senate amendment contained provisions (secs. 1091-1094), that together would authorize two types of funds for the purpose of modernizing the federal government's legacy information technology (IT) and to incentivize IT savings in federal agencies. The provisions authorize all Chief Financial Officer (CFO) Act agencies to establish agency-specific IT modernization funds and the U.S. Office of Management and Budget (OMB) to oversee a government-wide IT modernization fund in the U.S Department of Treasury to be administered by the General Services Administration.

The House bill contained no similar provision.  
The House recedes.

## **SUBTITLE H—OTHER MATTERS**

### *Technical, conforming, and clerical amendments (sec. 1081)*

The House bill contained a provision (sec. 1061) that would make a number of technical, conforming, and clerical amendments to existing law.

The Senate amendment contained no similar provision.

The Senate recedes with technical amendments.

### *Clarification of applicability of certain provisions of law to civilian judges of the United States Court of Military Commission Review (sec. 1082)*

The Senate amendment contained a provision (sec. 529) that would amend section 950f of title 10, United States Code, to clarify that civilian judges appointed to the United States Court of Military Commission Review are authorized to engage in outside business activities, including the practice of law, when not performing the duties of a judge on the court.

The House bill contained no similar provision.

The House recedes.

### *Modification of requirement relating to conversation of certain military technician (dual status) positions to civilian positions (sec. 1083)*

The House bill contained a provision (sec. 501) that would make a technical modification to section 1053 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92; 129 Stat. 981; 10 U.S.C. 10216 note) by striking 20 percent and replacing it with 4.8 percent.

The Senate amendment contained a provision (sec. 1045) that would make a technical modification to section 1053 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92; 129 Stat. 981; 10 U.S.C. 10216 note) by striking 20 percent and replacing it with 12.6 percent.

The House recedes with a technical amendment.

### *National Guard accessibility to Department of Defense issued unmanned aircraft (sec. 1084)*

The House bill contained a provision (sec. 1065) that would require the Secretary of Defense, in coordination with the Chief of the National Guard Bureau, the Commander, U.S. Northern Command, and the Commander, U.S. Pacific Command, to complete an

efficiency and effectiveness review of the governance structure, coordination processes, documentation, and timing requirements stipulated in Department of Defense policy memorandum 15-002, titled "Guidance for the Domestic Use of Unmanned Aircraft Systems (UAS)." This section would require the review to be completed not later than 1 year after the date of the enactment of this Act and the Secretary of Defense to submit the review to the Committees on Armed Services of the Senate and the House of Representatives not later than 30 days after its completion.

The Senate amendment contained no similar provision.

The Senate recedes.

*Sense of Congress regarding aircraft carriers (sec. 1085)*

The House bill contained a provision (sec. 1066) that would express the sense of Congress regarding United States aircraft carriers.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Sense of Congress recognizing the United States Navy Seabees (sec. 1086)*

The House bill contained a provision (sec. 1068) to recognize the United States Navy Seabees and Navy construction force personnel for the Navy and the Marine Corps as critical elements in deterring conflict, overcoming aggression, and rebuilding democratic institutions.

The Senate amendment contained no similar provision.

The Senate recedes with technical amendments.

*Construction of memorial to the crew of the Apollo I launch test accident at Arlington National Cemetery (sec. 1087)*

The House bill contained a provision (sec. 1077) that would require the Secretary of the Army, in consultation with the Administrator of the National Aeronautics and Space Administration, to construct in Arlington National Cemetery a memorial marker honoring the crew members of the Apollo I who died during a launch rehearsal test.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Secretary of the Army to authorize the construction of a privately financed memorial honoring the crew members of the Apollo I mission on space that is not otherwise suitable for interment sites and consistent with the applicable requirements of section 2409(b)(2)(E) of title 38, United States Code.

*Department of Defense engagement with covered non-Federal entities (sec. 1088)*

The Senate amendment contained a provision (sec. 1082) that would express the sense of the Senate on the contributions of qualified non-Federal entities to the effectiveness of the mission of the Department of Defense and would require the Secretary of Defense not later than 120 days after the date of enactment of this Act to conduct a review of guidance within the Department of Defense (DOD) applicable to collaborations between military commanders and qualified non-federal Entities and, if determined as appropriate in light of the review, issue additional guidance within 180 days after the date of enactment of this Act.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary of Defense and the Secretary of State to jointly conduct a review of existing DOD guidance applicable to DOD engagements with covered non-Federal entities and require the Secretary of Defense, with the concurrence of the Secretary of State, to issue updated guidance applicable to such engagements, if appropriate. The conferees intend for the required review and any subsequent guidance issued by the Secretary of Defense to ensure that there is clear and consistent guidance with regard to engagement between DOD and covered non-Federal entities which support United States military missions abroad.

*Prize competition to identify root cause of physiological episodes on Navy, Marine Corps and Air Force training and operational aircraft (sec. 1089)*

The Senate amendment contained a provision (sec. 1085) that would authorize the Secretary of Defense to establish a prize competition designed to accelerate the identification of root causes of, and solutions to, physiological episodes experienced in Navy, Marine Corps and Air Force training and operational aircraft.

The House bill contained no similar provision.

The House recedes with an amendment that would, prior to the exercise of the authority, require the Secretary of Defense to certify that any competition would not compromise classified or proprietary information or intellectual property.

*Providing assistance to House of Representatives in response to cybersecurity events (sec. 1090)*

The House bill contained a provision (sec. 1073) that would allow the Speaker of the House of Representatives to request assistance from the head of any Executive department, military department, or independent entity in the case of a cybersecurity event. The provision would mandate that the head of the department or establishment would begin to provide appropriate assistance not later than 24 hours after receiving the request.

The Senate amendment contained no similar provision.

The House recesses.

*Transfer of surplus firearms to Corporation for the Promotion of Rifle Practice and Firearms Safety (sec. 1091)*

The House bill contained a provision (sec. 1064) that would require the Secretary of the Army to transfer surplus firearms to the Corporation for the Promotion of Rifle Practice and Firearms Safety. This provision would also repeal a provision (36 USC 40728) limiting such transfers to not more than 10,000 pistols annually, and also would terminate the pilot program established in section 1087 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 113-66).

The Senate amendment contained a similar provision (sec. 1087) and would require further that such pistols be sold at fair market value and that the proceeds of such sales, less transfer and storage costs, be deposited into the Treasury as miscellaneous receipts.

The Senate recesses with an amendment that would create a temporary directive authority, during fiscal years 2018 and 2019, and require the Secretary of the Army to transfer not less than 8,000 surplus caliber .45 M1911/M1911A pistols in fiscal year 2018 and not more than 10,000 pistols each year for fiscal years 2018 and 2019. Additionally, the amendment would require the Secretary of the Army to submit to Congress a report detailing the transfer and sale of firearms not later than 5 days after the release of the President's budget for a fiscal year. The amendment would also require the Secretary of the Army to enter into a contract with a federally funded research and development center (FFRDC) to conduct an evaluation of the Corporation for the Promotion of Rifle Practice and Firearms Safety for the purpose of assessing future transfers of excess firearms to the Corporation with a final report delivered to the congressional defense committees not later than January 1, 2019. Finally, the amendment would require the Comptroller General of the United States to conduct a concurrent review of the Corporation and to submit to the congressional defense committees an independent review of the FFRDC evaluation not

later than 120 days after the Secretary of the Army submits the evaluation to Congress.

The conferees note that after the temporary directive authority has expired, and if no further legislative action is taken, the Army shall revert to the permissive authority currently in statute.

*Collaboration between Federal Aviation Administration and Department of Defense on unmanned aircraft systems (sec. 1092)*

The House bill contained a provision (sec. 1082) that would encourage the Federal Aviation Administration (FAA) and the Department of Defense (DOD) to collaborate on sense-and-avoid capabilities for unmanned aircraft systems.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would restore the rules adopted by the Administrator of the Federal Aviation Administration governing the registration and marking requirements of small unmanned aircraft that were published on December 16, 2015.

The conferees believe it is in the national interest to effectively and expeditiously integrate unmanned aircraft systems into the National Airspace System (NAS). In particular, the conferees believe FAA and DOD collaboration regarding sense and avoid technology is necessary to facilitate DOD unmanned aircraft into the NAS for operational and testing requirements in an efficient and timely manner. Further, the conferees believe that registration of unmanned aircraft is consistent with the long-standing requirement for registration of aircraft under title 49, United States Code, section 44101, and is necessary to promote safety and security among all current and future users of the NAS.

*Carriage of certain programming (sec. 1093)*

The Senate amendment contained a provision (sec. 1089A) that would provide that a multichannel video programming distributor may not be directly or indirectly required, including as a condition of obtaining retransmission consent, to: (1) carry non-incidental video content from certain kinds of television stations to the extent that such content is owned, controlled, or financed (in whole or in part) by the Government of the Russian Federation; or (2) lease, or otherwise make available, channel capacity to any person for the provision of video programming that is owned, controlled, or financed (in whole or in part) by the Government of the Russian Federation. The provision would not apply to the editorial use by certain



kinds of television stations of programming that is owned, controlled, or financed (in whole or in part) by the Government of the Russian Federation.

The House bill contained no similar provision.

The House recesses.

*National strategy for countering violent extremism (sec. 1094)*

The House bill contained a provision (sec. 1078) that would require the President to submit to the appropriate committees of Congress a report on a comprehensive, interagency national strategy for countering violent extremist groups. One year after the submission of the strategy, the President would also be required to submit an assessment of the implementation, progress, and changes to the strategy.

The Senate amendment contained no similar provision.

The Senate recesses with a clarifying amendment.

*Sense of Congress regarding World War I (sec. 1095)*

The House bill contained a provision (sec. 1070) that would provide a sense of Congress to honor those members of the United States Armed Forces who served in the First World War.

The Senate amendment contained no similar provision.

The Senate recesses with a clarifying amendment.

*Notice to Congress of terms of Department of Defense settlement agreements (sec. 1096)*

The House bill contained a provision (sec. 1067) that would require the Secretary of Defense, at the request of the chairman of a specified committee, to make available to that chairman a settlement agreement in a civil action involving the Department of Defense, a military department, or a Defense Agency, if, in the opinion of the Secretary, in consultation with the Attorney General, the terms of such settlement agreement affect the congressional authorization or appropriations process with respect to the Department of Defense.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would clarify the role of the ranking member of the requesting committee, the type of applicable civil action, and the actions the Secretary of Defense must take in response to a request for a settlement agreement, as well as make other clarifying amendments. The amendment would also remove the requirement for the chairman of the requesting committee to consult with the Chairman of the

Committee on the Judiciary of the Senate or the House of Representatives before making a request.

The conferees encourage the Chairmen of the Committee on Armed Services and the Committee on Appropriations of the Senate and the House of Representatives, before making a request under this provision, to notify the Chairman of the Committee on the Judiciary in their respective chamber, when appropriate.

*Office of Special Counsel reauthorization (sec. 1097)*

The Senate amendment contained a provision (sec. 6005) that would reauthorize the U.S. Office of Special Counsel.

The House bill contained no similar provision.

The House recedes with an amendment that would strengthen whistleblower protections and discipline for Hatch Act violations.

*Air transportation of civilian Department of Defense personnel to and from Afghanistan (sec. 1098)*

The House bill contained a provision (sec. 1081) that would require the Secretary of Defense, within 90 days after the date of the enactment of this Act, to conduct a policy review regarding the use of commercial air transportation or alternative forms of air transportation to transport civilian personnel of the Department of Defense to and from Afghanistan.

The Senate amendment contained no similar provision.

The Senate recedes.

**LEGISLATIVE PROVISIONS NOT ADOPTED**

*Calculations for payments into Department of Defense Military Retirement Fund using single level percentage of basic pay determined on Armed Force-wide rather than Armed Forces-wide basis*

The Senate amendment contained a provision (sec. 1002) that would amend section 1465 of title 10, United States Code, to change the calculation of the single level percentage applied to basic pay with respect to the required monthly deposits into the Military Retirement Fund by the military services to a single rate for each military service, rather than the single aggregate normal cost method now used, in order to increase budgetary transparency with respect to the relative long-term costs associated with changes in end strength and benefits among the military services. The change in the method of calculation

would be effective for contributions to the Fund beginning in fiscal year 2019.

The House bill contained no similar provision.

The Senate recesses.

The conferees direct the Comptroller General of the United States to assess the adequacy of the single-level, aggregate, percentage required under current law in calculating contributions to the Military Retirement Fund in meeting the goal of budgetary transparency with respect to changes and proposed changes to force structure and retirement and related benefits, and to consider whether changing such method as proscribed in section 1002 of the Senate-passed bill would increase such transparency with respect to each military service. The Comptroller General shall assess the effect of such a change as proscribed in section 1002 of the Senate bill on each military service, as well as consider whether such a change is feasible and advisable. In conducting this assessment, the Comptroller General shall consider the 2017 report by RAND entitled "Toward Efficient Military Retirement Accrual Charges," and the conclusions and recommendations contained therein. The Comptroller General shall report to the Committees on Armed Services of the Senate and House of Representatives by no later than April 1, 2018, on the results of this assessment.

*Certifications on audit readiness of the Department of Defense and the military departments, Defense Agencies, and other organizations and elements of the Department of Defense*

The Senate amendment contained two provisions (sec. 1003 and sec. 6006) relating to certification of the Department of Defense's financial statements related to audit.

The House bill contained no similar provision.

The Senate recesses.

*Information on Department of Defense funding in Department press releases and related public statements on programs, projects, and activities funded by the Department*

The Senate amendment contained a provision (sec. 1008) that would require the Department of Defense (DOD) to disclose that DOD funds were used to fund programs, projects, or activities in DOD public press releases, statements, or documents that describe a program or project. The provision would also require DOD to estimate the amount of funding the program or project currently receives, when referenced in a press release or public document.

The House bill contained no similar provision.  
The Senate recesses.

*Restrictions on the overhaul and repair of vessels in foreign shipyards*

The House bill contained a provision (sec. 1014) that would amend section 7310(b)(1) of title 10, United States Code, to prohibit the Department of the Navy from performing any overhaul, repair, or maintenance work that takes longer than six months in foreign shipyards.

The Senate amendment contained no similar provision.  
The House recesses.

*Authority to use video teleconferencing technology in military commission procedures*

The House bill contained a provision (sec. 1028) that would authorize the military judge to provide for the participation of the accused, defense counsel, trial counsel, and any other participants by video teleconferencing for any matter for which the military judge may call the military commission into session.

The Senate amendment contained no similar provision.  
The House recesses.

*Authority to transfer individuals detained at United States Naval Station, Guantanamo Bay, Cuba, to the United States temporarily for emergency or critical medical treatment*

The Senate amendment contained a provision (sec. 1035) that would authorize the temporary transfer of individuals detained at United States Naval Station, Guantanamo Bay, Cuba to the United States for necessary medical treatment that is not available at Guantanamo.

The House bill contained no similar provision.  
The Senate recesses.

*National Guard flyovers of public events*

The House bill contained a provision (sec. 1037) that would require that National Guard flyovers of public events be flown only as part of an approved training mission and would make the Adjutant General the approval authority for all Air National Guard and Army National Guard flyovers in a state or territory.

The Senate amendment contained no similar provision.

The House recesses.

*Transfer of funds to World War I Centennial Commission*

The House bill contained a provision (sec. 1038) that would authorize the Secretary of Defense to transfer funding to the World War I Centennial Commission to assist the Commission in carrying out activities in support of the World War I Centennial Commission Act.

The Senate amendment contained no similar provision.

The House recesses.

*Prohibition on use of funds to designate or expand Federal National Heritage Areas*

The House bill contained a provision (sec. 1041) that would prohibit the Secretary of Defense from using funds to designate or expand Federal National Heritage Areas.

The Senate amendment contained no similar provision.

The House recesses.

*Requirement relating to transfer of excess Department of Defense equipment to Federal and State agencies*

The House bill contained a provision (sec. 1042) that would amend section 2576(a) of title 10, United States Code, to allow the Department of Defense (DOD) to give first preference in the transfer of certain DOD excess personal property to the Department of Homeland Security and then to Federal and State agencies tasked with strengthening security along the southern border of the United States.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that under the current "1033 program," the Secretary of Defense may prioritize the transfer of excess property to Federal and State agencies deemed suitable for use in counterdrug, counterterrorism, and border security activities. The conferees acknowledge the importance of all of these missions, including border security, and further note that on April 6, 2017, General Lori Robinson, Commander of U.S. Northern Command, testified before the U.S. Senate Committee on Armed Services that "all the support that we give to Department of Homeland Security on the border is incredibly important." The conferees support ongoing efforts by DOD, in coordination with the Department of Homeland Security, in accomplishing all of their missions, including securing the borders of the United States. The conferees urge DOD to continue these efforts and to

coordinate with the Secretary of Homeland Security to identify opportunities to provide additional support.

*Department of Defense integration of information operations and cyber-enabled information operations*

The Senate amendment contained two provisions (sec. 1042 and sec. 11003) relating to Department of Defense integration of information operations and cyber-enabled information operations.

The House bill contained no similar provisions.

The Senate recesses.

*Sense of Congress on the basing of KC-46A aircraft outside the continental United States*

The Senate amendment contained a provision (sec. 1047) that would express the sense of Congress that the Secretary of the Air Force should place emphasis on and consider the benefits derived from locations outside the continental United States for the basing of KC-46A aircraft.

The House bill contained no similar provision.

The Senate recesses.

The conferees believe that basing decisions for the KC-46A aircraft should continue to include operational considerations, installation attributes, economic and environmental factors, and military judgement for sites located both inside and outside the continental United States.

*Sense of Congress on use of test sites for research and development on countering unmanned aircraft systems*

The Senate amendment contained a provision (sec. 1049) that would express the sense of Congress that unmanned aircraft systems deployed by adversaries of the United States pose a significant threat to the Armed Forces and United States interests and that the Armed Forces should, as appropriate and to the extent practicable, seek to leverage test sites designated by the Federal Aviation Administration (FAA) and Department of Defense (DOD) facilities for research and development on capabilities to counter the nefarious use of unmanned aircraft systems.

The House bill contained no similar provision.

The Senate recesses.

The conferees acknowledge the growing threat posed by the nefarious use of unmanned aircraft systems to military installations, critical infrastructure, members of the Armed Forces, and numerous other facilities and assets important to

the United States at home and abroad. The conferees therefore encourage DOD to closely collaborate with the FAA to leverage their unique facilities and capabilities to develop measures that address this threat.

*Reports on infrastructure and capabilities of Lajes Field, Portugal*

The House bill contained a provision (sec. 1056) that would require reports on the infrastructure and capabilities and the fuel storage system of Lajes Field, Portugal.

The Senate amendment contained no similar provision.

The House recedes.

The conferees note the longstanding close political, economic, and strategic ties between the United States and Portugal, and the significant defense cooperation between the two nations. The conferees recognize the continued strategic importance of Lajes Air Base and its contributions to global security. The conferees encourage the Department of Defense to explore additional options to maintain presence at Lajes Air Base in support of national security missions. The conferees also encourage the Department of Defense and the Department of State to continue efforts with Portuguese and Azorean officials, including through the U.S.-Portugal Standing Bilateral Commission, to explore options for cooperation on the Azores regional economic development and to minimize the impacts to the local population from the consolidation of the Air Force's force structure and operations at Lajes.

*Report on project, program, and portfolio management standards*

The House bill contained a provision (sec. 1060A) that would require the Comptroller General of the United States to deliver, not later than 90 days after the enactment of this Act, a report to the congressional defense committees on the adoption of project, program, and portfolio management standards within the Department of Defense. This provision would also direct the Comptroller General of the United States to deliver a report to the congressional defense committees on enhancing portfolio management capabilities and structure within the Department of Defense.

The Senate amendment contained no similar provision.

The House recedes.

The conferees direct the Comptroller General of the United States to deliver, not later than 90 days after enactment, a report to Congress on the adoption of project, program, and portfolio management standards within the Department of Defense.

*Protection of Second Amendment rights of military families*

The House bill contained a provision (sec. 1063) that would amend section 921(b) of title 18, United States Code, to provide that the residence of the spouse of a member of the Armed Forces is the State of the permanent duty station of the member, for purposes of federal firearms laws.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the residence of a spouse of a member of the Armed Forces is the State in which that spouse resides, which is the State of the permanent duty station of the member, or such other State where the spouse may reside.

*Recognition of the United States Special Operations Command*

The House bill contained a provision (sec. 1069) that would recognize contributions made by the U.S. Special Operations Command.

The Senate amendment contained no similar provision.

The House recesses.

*Annual reports on approval of employment or compensation of retired general or flag officers by foreign governments for Emoluments Clause purposes*

The Senate amendment contained a provision (sec. 1069) that would amend section 908 of title 37, United States Code, to require the service secretaries to submit to certain congressional committees an annual report on approval of employment or compensation of retired general or flag officers by foreign governments for which the consent of Congress is required by article I, section 9 (the emoluments clause) of the Constitution.

The House bill contained no similar provision.

The Senate recesses.

*Findings and sense of Congress regarding the National Guard Youth Challenge Program*

The House bill contained a provision (sec. 1071) that would express the sense of Congress that it is critical to allocate the necessary resources to the National Guard Youth Challenge Program of the Department of Defense as it plays a critical role in preparing the next generation of qualified youth for military service.

The Senate amendment contained no similar provision.



The House recesses.

*Report on large-scale, joint exercises involving the air and land domains*

The Senate amendment contained a provision (sec. 1071) that would direct the Secretary of Defense to submit a report to the congressional defense committees on large-scale, joint exercises involving the air and land domains.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that both the Chief of Staff of the Army and the Chief of Staff of the Air Force have testified about the importance of training for complex combined arms operations, yet few large-scale, joint Army and Air Force exercises exist to stress interoperability in contested air and land domains. The conferees believe large-scale, joint training exercises that stress interoperability across domains are a vital part of establishing and maintaining military readiness for conflicts involving near-peer competitors.

Therefore, within 180 days of enactment of this Act, the conferees direct the Secretary of Defense to submit a report to the Committees on Armed Services of the Senate and the House of Representatives on existing large-scale, joint exercises involving the air and land domains; any plans to expand the scale and scope of existing large-scale air and sea domain exercises to include the land domain; and plans to conduct new large-scale, joint exercises in the air and land domains.

In addition, the report shall include an analysis of potential locations for the planned expanded and new exercises included in the report, with priority given to locations that facilitate training with:

(1) sufficient overlapping airspace and ground range capabilities and capacity to meet the training requirements for operating within an anti-access area denial environment for air and ground operations;

(2) the ability to host bilateral and multilateral training exercises with international partners in both the air and land domains;

(3) limited encroachments that adversely impact training or operations;

(4) robust use of the electromagnetic spectrum, including global positioning system, atmospheric, and communications-jamming.

*Sense of Congress regarding National Purple Heart Recognition Day*

The House bill contained a provision (sec. 1072) that would express the sense of Congress supporting the goals and ideals of National Purple Heart Recognition Day.

The Senate amendment contained no similar provision.  
The House recesses.

*Business case analysis on establishment of active duty association and additional primary aircraft authorization for the 168th Air Refueling Wing*

The Senate amendment contained a provision (sec. 1073) that would direct the Secretary of the Air Force to conduct a business case analysis on the establishment of an active or classic association with the 168th Air Refueling Wing.

The House bill contained no similar provision.  
The Senate recesses.

*Sense of Congress regarding Pacific War Memorial*

The House bill contained a provision (sec. 1075) that would express the sense of Congress that a Pacific War memorial should be established at a suitable location at or near the Pearl Harbor site of the World War II Valor in the Pacific National Monument in Honolulu, Hawaii.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees recognize that there is currently no memorial that specifically honors the members of the United States Armed Forces who served in the Pacific Theater of World War II, also known as the Pacific War.

The conferees believe that a Pacific War memorial should be established at a suitable location at or near the Pearl Harbor site of the World War II Valor in the Pacific National Monument in Honolulu, Hawaii.

*Federal charter for Spirit of America*

The House bill contained a provision (sec. 1080) that would amend title 36, United States Code, to establish a federal charter for Spirit of America.

The Senate amendment contained a similar provision (sec. 1083) that would amend title 36, United States Code, to establish a federal charter for Spirit of America.

The provisions are not adopted.

*Protection against misuse of Naval Special Warfare Command insignia*

The Senate amendment contained a provision (sec. 1081) that would add a new section 7882 to title 10, United States Code, to prohibit a person from using any covered Naval Special Warfare insignia in connection with any promotion, good, service, or other commercial activity when a particular use would be likely to suggest a false affiliation, connection, or association with, endorsement by, or approval of, the United States Government, the Department of Defense, or the Department of the Navy, and to authorize the Attorney General to initiate civil proceedings to prevent unauthorized use of such insignia.

The House bill contained no similar provision.

The Senate recesses.

The conferees direct the Secretary of Defense to submit a report to the Committees on Armed Services of the Senate and the House of Representatives, no later than April 1, 2018, containing the following elements: (1) An analysis of which components of the Department of Defense are in need of statutory protection against misuse of official insignia; (2) An analysis of why current protections in law are not sufficient to protect against misuse of official insignia; (3) A comparison of statutes that currently exist in law for the Department of Defense, ranked by effectiveness; and (4) An identification of specific harms currently caused by the misuse of official insignia and whether a legislative remedy is required to best address those harms.

*Reconsideration of claims for disability compensation for veterans who were the subjects of mustard gas or Lewisite experiments during World War II*

The Senate amendment contained a provision (sec. 1084) that would require the Secretary of Veterans Affairs, in consultation with the Secretary of Defense, to reconsider all claims for compensation under chapter 11 of title 38, United States Code, that were denied before the date of the enactment of this Act, and to make a disability determination in connection with full-body exposure to mustard gas or Lewisite during active military, naval, or air service during World War II. The provision would require the Secretary of Veterans or the Secretary of Defense to presume that a veteran experienced full-body exposure to mustard gas or Lewisite, unless proven otherwise, when reconsidering a claim.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that Section 502 of the Harry W. Colmery Veterans Educational Assistance Act of 2017 (Public Law 115-48) requires the Secretary of Veterans Affairs to reconsider

all claims for compensation under chapter 11 of title 38, United States Code, that were denied before the date of the enactment of this Act, and to make a disability determination in connection with full-body exposure to mustard gas or Lewisite during active military, naval, or air service during World War II.

*Exception to the interdepartmental waiver doctrine for cleanup of vehicle crashes*

The Senate amendment contained a provision (sec. 1086) that would authorize the Secretary of Defense to expend funds to clean up vehicle crashes on another Federal department or agency's property if the crash was the result of a Department of Defense activity.

The House bill contained a similar provision (sec. 2816).  
The Senate recedes.

The conferees note that this authority was included in a separate provision that has been included in the conference agreement.

*Prevention of certain health care providers from providing non-department health care services to veterans*

The Senate amendment contained a provision (sec. 1088) that would require the Secretary of Veterans Affairs (VA), on or after 1 year after the date of the enactment of this Act, to deny or revoke the eligibility of a health care provider to provide non-department health care services to veterans if the Secretary determines that the health care provider: (1) Was removed from employment with the VA due to a violation of department policy relating to the delivery of safe, appropriate health care; (2) Violated the requirements of a medical license of the provider; (3) Had a credential revoked on grounds relating to the provider's ability to deliver safe, appropriate health care; or (4) Violated a law for which imprisonment of more than 1 year may be imposed.

The House bill contained no similar provision.  
The Senate recedes.

The conferees note the VA has existing authority to deny or revoke the eligibility of a health care provider to provide non-department health care services to veterans under the conditions described above. Furthermore, the conferees are aware that the Committee on Veterans Affairs of the House of Representatives intends to address this issue as it relates to community care provided to veterans under the Veterans Choice Act.

*Comptroller General report on Department of Defense installation access control initiatives*

The Senate amendment contained a provision (sec. 5301) that would require the Comptroller General to report on Department of Defense installation access control initiatives.

The House bill contained no similar provision.

The Senate recesses.

The conferees direct the Comptroller General of the United States to submit to the congressional defense committees a report evaluating Department of Defense installation access control initiatives. The report is due no later than 300 days after the enactment of this Act. The evaluation should include the following elements:

(1) An assessment of Department of Defense requirements for managing access to military installations and the extent to which the Department has taken an enterprise-wide approach to developing those requirements and identifying capability gaps.

(2) A description of capabilities (processes and systems) that are in place at military installations that currently meet these requirements.

(3) A summary of which options, including business process reengineering, the development or acquisition of business systems, and the acquisition of commercial solutions, are being pursued to close those gaps.

(4) A description of how the Department of Defense is assessing which options to pursue in terms of cost, schedule, and potential performance and to what extent the Department's assessments follow directives under the Federal Acquisition Regulation and Defense Supplement to the Federal Acquisition Regulation to consider commercial products and services.

*Collaboration between Federal Aviation Administration and Department of Defense on unmanned aircraft systems*

The Senate amendment contained a provision (sec. 6002) that would require the Federal Aviation Administration and the Department of Defense to collaborate on developing standards, policies and procedures for sense-and-avoid capabilities for unmanned aircraft systems.

The House bill contained no similar provision.

The Senate recesses.

*Report on the circumstances surrounding the 2016 attacks on the U.S.S. Mason*

The Senate amendment contained a provision (sec. 6004) that would require the Secretary of Defense to submit to the Committees on Armed Services of the Senate and House of Representatives a report on the circumstances surrounding the 2016 attacks on the *USS Mason*.

The House bill contained no similar provision.

The Senate recesses.

*Comptroller General review of Department of Defense implementation of open recommendations*

The Senate amendment contained a provision (sec. 6010) that would require the Comptroller General to submit a report summarizing an assessment of each open recommendation made to the Department of Defense, Department of State, and the United States Agency for International Development.

The House bill contained no similar provision.

The Senate recesses.

The conferees direct the Comptroller General of the United States to submit to the Committee on Armed Services of the House of Representatives and the Senate a briefing summarizing an assessment of open recommendations made to the Department of Defense in fiscal years 2014, 2015, 2016, and 2017, which have not been fully implemented. The briefing is due no later than November 30, 2018. The summary briefing should include the following elements for each recommendation:

(1) The initial response of the Department of Defense to each recommendation at the time it was made.

(2) The current status of implementation to include:

a. The actions taken by the Department of Defense to implement the recommendation

b. The rationale provided by the Department of Defense for:

i. disagreeing with the status of the recommendation (in such cases the conferees expect the Comptroller General to include the complete text of the Department's position as provided by the Department),

ii. not implementing, or partially implementing, the recommendation.

(3) Any information included in a briefing shall, to the extent practicable, be submitted in unclassified form, but may be set forth in a classified annex.

*Report on airports used by Mahan Air*

The Senate amendment contained a provision (sec. 6011) that would direct the Secretary of Homeland Security, in consultation with the Secretary of Transportation, the Secretary of State, the Secretary of the Treasury, and the Director of National Intelligence, to submit to Congress a report on airports used by Mahan Air.

The House bill contained no similar provision.

The Senate recesses.

The conferees direct the Secretary of Homeland Security, in consultation with the Secretary of Transportation, the Secretary of State, the Secretary of the Treasury, and the Director of National Intelligence, to submit to Congress a report on airports used by Mahan Air not later than 120 days after the enactment of this Act. The report shall contain a list of all airports at which aircraft owned or controlled by Mahan Air have landed during the 2 years preceding the submission of the report and for each airport, an assessment of: (1) whether aircraft owned or controlled by Mahan Air continue to conduct operations at that airport; (2) an assessment of whether any of the landings of aircraft owned or controlled by Mahan Air were necessitated by an emergency situation; (3) a determination regarding whether additional security measures should be imposed on flights to the United States that originate from that airport; (4) and an explanation of the rationale for that determination. The report shall be submitted in unclassified form, but may include a classified annex.

*Open, Public, Electronic, and Necessary (OPEN) Government Data Act*

The Senate amendment contained a provision (sec. 6012) that would amend Chapter 35 of title 44, United States Code, by creating a new subchapter that would establish requirements for the availability of government data, federal agency data inventories, procedures for information resources and data management and dissemination, and a federal data catalog,

The House bill contained no similar provision.

The Senate recesses.

*Sense of Congress on use of Intergovernmental Personnel Act Mobility Program and Department of Defense Information Technology Exchange Program to obtain personnel with cyber skills and abilities for the Department of Defense*

The Senate amendment contained a provision (sec. 6601) that would express the sense of Congress that: (1) the Department of Defense should fully use the Intergovernmental

Personnel Act Mobility Program (IPAMP) and the Department of Defense Information Technology Exchange Program (ITEP) to obtain cyber personnel across the Government by leveraging cyber capabilities found at the State and local government level and in the private sector in order to meet the needs of the Department for cybersecurity professionals; and (2) the Department should implement at the earliest practicable date a strategy that includes policies and plans to fully use such programs to obtain such personnel for the Department.

The House bill contained no similar provision.

The Senate recesses.

The conferees urge the Department of Defense to develop a strategy and issue policies to employ the IPAMP and ITEP to obtain cyber personnel across the Government by leveraging cyber capabilities found at the State and local government level and in the private sector in order to meet the needs of the Department for cybersecurity professionals.

## **TITLE XI—CIVILIAN PERSONNEL MATTERS**

*Direct hire authority for the Department of Defense for personnel to assist in business transformation and management innovation (sec. 1101)*

The Senate amendment contained a provision (sec. 934) that would grant the Secretary of Defense the authority to appoint a small group of individuals to assist the Department in management innovation.

The House bill contained no similar provision.

The House recesses with an amendment that makes technical and conforming changes, limits the number of positions and sets a sunset date of September 30, 2021 for this authority.

*Extension of direct hire authority for Domestic Defense Industrial Base Facilities and Major Range and Test Facilities Base (sec. 1102)*

The House bill contained a provision (sec. 1101) that would extend the temporary direct hiring authority granted in section 1125 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) until September 30, 2021.

The Senate amendment contained a similar provision (sec. 1105) that would extend section 1125(a) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) through fiscal year 2019.

The Senate recesses with an amendment requiring a briefing by the Secretary of Defense no later than 90 days after the end



of each of fiscal years 2019 and 2021 to the Committees on Armed Services of the Senate and the House of Representatives, the Committee on Oversight and Government Reform of the House of Representatives, and the Committee on Homeland Security and Governmental Affairs of the Senate.

*Extension of authority to provide voluntary separation incentive pay for civilian employees of the Department of Defense (sec. 1103)*

The House bill contained a provision (sec. 1102) that would extend the authority of the Secretary of Defense provided by the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to pay increased voluntary separation pay for Department of Defense civilian personnel until September 30, 2021.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Secretary of Defense to brief the Committees on Armed Services of the Senate and the House of Representatives, the Committee on Oversight and Government Reform of the House of Representatives, and the Committee on Homeland Security and Governmental Affairs of the Senate no later than December 31, 2019 and December 31, 2021, on the use of the extended authority.

*Additional Department of Defense science and technology reinvention laboratories (sec. 1104)*

The House bill contained a provision (sec. 1103) that would revise and update the list of laboratories designated as Science and Technology Reinvention Laboratories to include the Naval Medical Research Center and the Joint Warfighting Analysis Center.

The Senate amendment contained a similar provision (sec. 218) that would clarify the list of laboratories that are authorized to execute the special hiring, infrastructure recapitalization, technology transfer and industry partnership, research, and other authorities that have been previously authorized by Congress and by the Department of Defense.

The Senate recedes with an amendment that would include the Naval Facilities Engineering and Expeditionary Warfare Center in the list of laboratories designated.

The conferees note that the authorities granted to science and technology reinvention laboratories are intended to be executed by laboratory directors at the local laboratory level, so as to be better used to address local management and bureaucratic challenges and avoid the inefficiency and slowness

of centralized control over organizations whose missions require agility and innovation. The conferees note that the technical directorates of the Air Force Research Laboratory in essence function as decentralized organizations under a larger corporate umbrella, and thus express many of the characteristics of independent laboratories.

The conferees expect that all authorities designed to ease bureaucratic burdens on the laboratories will be delegated to local laboratory directors and used, consistent with congressional intent, to the maximum intent practicable to support research efforts. In particular, the conferees urge the laboratory commander of the Air Force Research Laboratory to delegate all such authorities to directors of the laboratory's technical directorates. These authorities include all authorities that have been previously authorized by Congress and by the Department of Defense.

*One-year extension of authority to waive annual limitation on premium pay and aggregate limitation on pay for Federal civilian employees working overseas (sec. 1105)*

The House bill contained a provision (sec. 1104) that would extend the authority provided by the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009 (Public Law 110-417) to waive the annual limitation on premium pay and the aggregate limitation of pay for federal civilian employees working overseas until September 30, 2019.

The Senate amendment contained a similar provision (sec. 1112).

The Senate recesses.

*Direct hire authority for financial management experts in the Department of Defense workforce (sec. 1106)*

The Senate amendment contained a provision (sec. 1106) that would extend the financial management hiring authority granted in section 1110 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-38) to several Department of Defense components not included in the military departments or defense agencies.

The House bill contained a similar provision (sec. 1106) that would expand the number of Department of Defense components that may hire financial management experts using direct hire authority.

The House recesses with an amendment that adds a briefing to the Committee on Armed Services of the House of Representatives, the Committee on Armed Services of the Senate,

the Committee on Oversight and Government Reform of the House of Representatives and the Committee on Homeland Security and Governmental Affairs of the Senate in fiscal years 2019 and 2021.

*Extension of authority for temporary personnel flexibilities for Domestic Defense Industrial Base Facilities and Major Range and Test Facilities Base civilian personnel (sec. 1107)*

The House bill contained a provision (sec. 1107) that would amend subsection (a) of section 1132 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to extend authority for temporary civilian personnel flexibilities for domestic defense industrial base facilities and Major Range and Test Facilities through fiscal year 2021.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment requiring a briefing by the Secretary of Defense no later than 90 days after the end of each of fiscal years 2019 and 2021 to the Committees on Armed Services of the Senate and the House of Representatives, the Committee on Oversight and Government Reform of the House of Representatives, and the Committee on Homeland Security and Governmental Affairs of the Senate.

*One-year extension of temporary authority to grant allowances, benefits, and gratuities to civilian personnel on official duty in a combat zone (sec. 1108)*

The House bill contained a provision (sec. 1108) that would amend section 1133 of the National Defense Authorization Act of Fiscal Year 2017 (Public Law 114-328) to extend by one year the authority of heads of federal agencies to provide allowances, benefits, and gratuities comparable to those provided to members of the Foreign Service to an agency's employees on official duty in a combat zone.

The Senate amendment contained an identical provision (sec. 1113).

The conference agreement includes this provision.

*Extension of overtime rate authority for Department of the Navy employees performing work aboard or dockside in support of the nuclear-powered aircraft carrier forward deployed in Japan (sec. 1109)*

The House bill contained a provision (sec. 1109) that would extend by one year the authority of the Secretary of the Navy to pay overtime pay to civilian employees performing work

in support of the nuclear-powered aircraft carrier forward deployed in Japan.

The Senate amendment contained no similar provision.  
The Senate recesses.

*Pilot program on enhanced personnel management system for cybersecurity and legal professionals in the Department of Defense (sec. 1110)*

The Senate bill contained a provision (sec. 1101) that would require the Secretary of Defense to carry out a pilot program to assess the feasibility and advisability of an enhanced personnel management system for cybersecurity and legal professionals, applicable to new hires in those fields in pay grades GS-15 and below within the Department of Defense, commencing January 1, 2020.

The House bill contained no similar provision.  
The House recesses.

*Establishment of senior scientific technical managers at Major Range and Test Facility Base Facilities and Defense Test Resource Management Center (sec. 1111)*

The Senate amendment contained a provision (sec. 1104) that would amend section 2358a of title 10, United States Code, to explicitly include the test and evaluation centers, defined as each facility of the Major Range and Test Facility Base, and the Defense Test Resource Management Center.

The House bill contained no similar provision.

The House recesses with a technical amendment specifying that each organization may hire at least one senior scientific technical manager, regardless of the number of scientists and engineers employed.

The conferees note that this authority does not yet include the Operational Test Agencies, nor the Developmental Test and Evaluation office, housed within the Office of the Secretary of Defense. The conferees believe there may be merit to including these organizations in the future and direct the Department of Defense to submit to the Congressional defense committees a recommendation on whether these organizations could benefit from the hiring of senior scientific technical managers.

#### **LEGISLATIVE PROVISIONS NOT ADOPTED**

*Inclusion of Strategic Capabilities Office and Defense Innovation Unit Experimental of the Department of Defense in*

*personnel management authority to attract experts in science and engineering*

The Senate amendment contained a provision (sec. 1102) that would extend certain existing personnel management authorities at the Department of Defense to include the Strategic Capabilities Office and the Defense Innovation Unit Experimental.

The House bill contained no similar provision.

The Senate recesses.

*Appointment of retired members of the Armed Forces to positions in or under the Department of Defense*

The House bill contained a provision (sec. 1105) that would amend section 3326 of title 5, United States Code, to allow the Secretary of Defense to appoint recently retired members of the Armed Forces in certain circumstances.

The Senate amendment contained no similar provision.

The House recesses.

*Authority for waiver of requirement for a baccalaureate degree for positions in the Department of Defense on cybersecurity and computer programming*

The Senate amendment contained a provision (sec. 1107) that would require a briefing by the Secretary of Defense to the Committees on Armed Services for the Senate and the House of Representatives, no later than 60 days after the date of the enactment of this Act, on the feasibility and advisability of the enactment into law of a waiver that would allow the Secretary of Defense to waive any requirement in law for the possession of a baccalaureate degree as a condition of appointment to a position with the primary duties of cyber security and computer programming.

The House bill contained no similar provision.

The Senate recesses.

*Briefing on diversity in the civilian workforce on Air Force installations*

The House bill contained a provision (sec. 1110) that would require the Secretary of the Air Force, not later than 120 days after the date of the enactment of this Act, to brief the Committees on Armed Services of the Senate and the House of Representatives, the Committee on Homeland Security and Government Affairs of the Senate, and the Committee on Oversight

and Government Reform of the House of Representatives on efforts to increase diversity in the civilian workforce on each Air Force installation.

The Senate amendment contained no similar provision.

The House recesses.

The conferees direct the Secretary of the Air Force to brief the Committees on Armed Services of the Senate and the House of Representatives, the Committee on Homeland Security and Government Affairs of the Senate, and the Committee on Oversight and Government Reform of the House of Representatives on efforts to increase diversity in the civilian workforce on each Air Force installation.

*Elimination of the foreign exemption provision in regard to overtime for Federal civilian employees temporarily assigned to a foreign area*

The Senate amendment contained a provision (sec. 1111) that would amend sections 5542 and 5544 of title 5, United States Code, to allow the payment of overtime pay to nonexempt federal civilian employees assigned to temporary duty travel overseas.

The House bill contained no similar provision.

The Senate recesses.

*Briefing on plans to develop and improve additive manufacturing capabilities*

The Senate amendment contained a provision (sec. 6013) that would require the Secretary of Defense to brief the Committees on Armed Services of the Senate and the House of Representatives on the Department's plans to develop and improve additive manufacturing, not later than December 1, 2017, to include the Department's plans to: develop military and quality assurance standards as quickly as possible; leverage current manufacturing institutes to conduct research in the validation of quality standards for additive manufactured parts; and further integrate additive manufacturing capabilities and capacity into the Department's organic depots, arsenals, and shipyards.

The House bill contained no similar provision.

The Senate recesses.

The conferees are aware of the significant possibilities that additive manufacturing, or 3-D printing, will provide to the Department of Defense, both in revolutionizing the industrial supply chain, as well as in providing radically new technological capabilities. The ability to utilize new materials

in new ways, such as titanium or explosives, or to develop new manufacturing processes, has the potential to transform how the Department does business. The establishment of new Defense Manufacturing Innovation Institutes, as well as the growing prevalence of 3-D printers at tactical levels, indicates the Department sees that potential as well. Additive manufacturing could also greatly improve the organic industrial base's ability to respond to demands that original equipment manufacturers are unable to meet or to fabricate obsolete parts that are no-longer manufactured.

The conferees understand that an inhibitor to seeing the full potential of this technology will be the need to do quality assurance and validation of additive manufactured parts, especially for those in flight or safety-critical systems. Until the Department can develop the standards and processes for assuring quality, 3-D printing will be limited in its application. Also, substantial opportunities remain across the force to add more capacity for this capability, both to repair out-of-date equipment and to speed repair to meet urgent operational requirements.

Therefore, the conferees direct the Secretary of Defense to provide a briefing to the House Committee on Armed Services and the Senate Committee on Armed Services not later than April 1, 2018, on the Department's plans to develop and improve additive manufacturing. The briefing shall include the Department's plans to: develop military and quality assurance standards as quickly as possible; leverage current manufacturing institutes to conduct research in the validation of quality standards for additive manufactured parts; and further integrate additive manufacturing capabilities and capacity into the Department's organic depots, arsenals, and shipyards.

*Expansion of SkillBridge initiative to include participation by Federal agencies*

The Senate amendment contained a provision (sec. 14003) that would require the Secretary of Defense, in consultation with the Director, Office of Personnel Management (OPM), to make such modifications to the SkillBridge program as necessary to enable Federal agencies to participate in the initiative as employers and trainers, and would require the Director, OPM, to take such actions necessary to ensure the participation of Federal agencies in the SkillBridge program.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that, according to the Department of Defense, since its inception in 2012, the SkillBridge program

has allowed transitioning Service members to participate in employer-driven job skills training, apprenticeships, and internship programs, beginning up to six months before leaving the military. Through such participation in private-sector SkillBridge training, transitioning Service members have received jobs in dozens of industries, ranging from corporate finance, to advanced manufacturing, to information technology, to cyber security. Just as businesses have greatly benefited from the program and the talents that highly trained Service members bring, so too would the other Federal agencies. The expansion of eligible employers and trainers under the program, to include Federal agencies, would prove mutually beneficial for the Federal Government, non-governmental employers, and transitioning service members. To that end, the conferees strongly urge the Secretary, in consultation with the Director, OPM, to take such actions as are necessary to encourage and enable other Federal agencies to participate in the SkillBridge program.

## **TITLE XII—MATTERS RELATING TO FOREIGN NATIONS**

### **SUBTITLE A—ASSISTANCE AND TRAINING**

*One-year extension of logistical support for coalition forces supporting certain United States military operations (sec. 1201)*

The House bill contained a provision (sec. 1201) that would amend section 1234 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181), as most recently amended by section 1201 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), by authorizing the Secretary of Defense to provide supplies, services, transportation, and other logistical support to coalition forces supporting U.S. operations in the Republic of Iraq and the Islamic Republic of Afghanistan during fiscal year 2018.

The Senate amendment contained no similar provision. The Senate recedes.

*Support of special operations for irregular warfare (sec. 1202)*

The Senate amendment contained a provision (sec. 1201) that would authorize the Secretary of Defense, with the concurrence of the relevant Chief of Mission, to expend up to



\$10.0 million annually through fiscal year 2021 to provide support to foreign forces, irregular forces, groups, or individuals engaged in supporting or facilitating ongoing irregular warfare operations by U.S. Special Operations Forces (SOF).

The House bill contained no similar provision.

The House recedes with an amendment that strengthens congressional oversight, requires additional legal reviews and determinations, and clarifies notification and reporting mechanisms.

The conferees note the importance of this authority to address strategic irregular warfare challenges identified by combatant commanders. The conferees emphasize that this authority shall only be used to facilitate ongoing and authorized operations by United States Special Operations Forces. Elsewhere in this report, the conferees outline additional guidance regarding the prudent use of this authority, and the importance of continued dialogue between the Department of Defense and the congressional defense committees as procedures are developed and initiatives are considered.

Lastly, the conferees note the limitation on the use of this authority until the delivery of the related unconventional warfare strategy required by section 1097 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92). The required strategy should holistically discuss long-term Department of Defense capability requirements and their integration with other interagency capabilities, along with those of our partners and allies, to counter unconventional and irregular warfare threats.

*Obligation of funds in Special Defense Acquisition Fund for precision guided munitions (sec. 1203)*

The Senate amendment contained a provision (sec. 1281) that would amend section 114 of title 10, United States Code. The provision would change current requirements that of the amount available in the Special Defense Acquisition Fund (SDAF), \$500.0 million may only be used to procure and stock precision guided munitions. Instead, the provision would require that 20 percent of available obligation authority in the SDAF be used on precision guided munitions and associated support equipment and services.

The House bill contained a provision (sec. 1202) that would clarify the use of funds for the procurement of precision guided munitions with the SDAF. The provision would reduce the size of SDAF to \$2.0 billion and allow the size of SDAF to

exceed such limit by \$500.0 million if used to procure and stock precision guided munitions.

The House recedes with an amendment that would require 20 percent of annual obligations, instead of obligation authority, be spent on precision guided munitions. Furthermore, this requirement would be in effect through fiscal year 2022.

*Modification of defense institution capacity building and authority to build capacity of foreign security forces (sec. 1204)*

The House bill contained provisions (sec. 1203 and 1204) that would modify sections 332 and 333 of title 10, United States Code, related to the authority to build partner capacity. The provisions would authorize the Secretary of Defense to assign military personnel as advisors or trainers under the Ministry of Defense Advisor program and modify the required elements associated with the authority to build partner capacity by allowing human rights training conducted by the Department of State to satisfy the human rights training requirement.

The Senate amendment contained a similar provision (sec. 1203) that would clarify the programs sufficient to satisfy the requirement for institutional capacity building pursuant to section 333(c)(4) of title 10, United States Code. The provision would also modify the Ministry of Defense Advisor program under section 332 of title 10, United States Code.

The Senate recedes with a clarifying amendment.

*Extension and modification of authority on training for Eastern European national security forces in the course of multilateral exercises (sec. 1205)*

The Senate amendment contained a provision (sec. 6209) that would extend through calendar year 2020 the authority under section 1251 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92) for the Secretary of Defense, with the concurrence of the Secretary of State, to provide multilateral or regional training, and pay the incremental expenses of participating in such training, for countries in Eastern Europe that are a signatory to the Partnership for Peace Framework Documents but not a member of the North Atlantic Treaty Organization (NATO) or became a NATO member after January 1, 1999. The provision would also amend section 1251 to allow the participation of non-military security forces in such training, and would make other technical and clarifying amendments.

The House bill contained a similar provision (sec. 1205).

The House recedes with an amendment that would require the Secretary of Defense to prescribe regulations for payment of incremental expenses under the authority, including procedures to: (1) require reimbursement of incremental expenses from non-developing countries, and (2) provide a waiver of the requirement of reimbursement of incremental expenses under special circumstances as determined by the Secretary of Defense. The amendment would also clarify that the authority to provide training for national security forces shall not be construed to include authority for the training of irregular forces, groups, or individuals.

*Global Security Contingency Fund (sec. 1206)*

The Senate amendment contained a provision (sec. 1204) that would modify and extend for two years section 1207 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112-81).

The House bill contained no similar provision.

The House recedes with an amendment that would extend the authority for two years.

*Defense Institute of International Legal Studies (sec. 1207)*

The Senate amendment contained a provision (sec. 1205) that would authorize the Secretary of Defense to operate the Defense Institute of International Legal Studies and would require the Secretary to conduct a comprehensive review of the mission, workforce, funding, and other support of the Institute.

The Senate amendment also contained a provision (sec. 6202) that would require the Comptroller General of the United States to submit to the appropriate committees of Congress a report that addresses the following: (1) a description of the mechanisms and authorities used by the Department of Defense and the Department of State to conduct training of foreign security forces on human rights and international humanitarian law; (2) a description of the funding used for that training; and (3) a description and assessment of the methodology used by each of the Department of Defense and the Department of State to assess the effectiveness of such training. The report shall be submitted no later than May 1, 2018.

The House bill contains no similar provisions.

The House recedes with a clarifying amendment.

*Extension of participation in and support of the Inter-American Defense College (sec. 1208)*

The House bill contained a provision (sec. 1206) that would extend for one year the authority in section 1243(c) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) with respect to participation in and support for the Inter-American Defense College.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment extending participation in and support of the Inter-American Defense College through fiscal year 2019.

*Plan on improvement of ability of national security forces of foreign countries participating in United States capacity building programs to protect civilians (sec. 1209)*

The Senate amendment contained a provision (sec. 11203) that would require the Secretary of Defense and the Secretary of State to jointly submit to the appropriate committees of Congress a report setting forth a plan, to be implemented as part of each institutional capacity building program required by section 333(c)(4) of title 10, United States Code, to improve the ability of foreign governments to protect civilians, not later than 90 days after the date of the enactment of this Act.

The House bill contained no similar provision.

The House recedes with an amendment that would modify the required elements of the report.

The conferees expect the Department to continue its efforts to emphasize strengthening the defense institutions of friendly foreign nations as a key component of its security cooperation programs. The conferees believe that the basic tenets of protection of civilians and transparency should be incorporated as appropriate to its institutional capacity building efforts.

## **SUBTITLE B—MATTERS RELATING TO AFGHANISTAN AND PAKISTAN**

*Extension of authority to transfer defense articles and provide defense services to the military and security forces of Afghanistan (sec. 1211)*

The House bill contained a provision (sec. 1211) that would extend through December 31, 2018 the authority under section 1222 of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112-238), as most recently amended by section 1213 of the National Defense Authorization Act for Fiscal Year 2017 (114-328), to transfer defense articles being

drawn down in Afghanistan and to provide defense services in connection with such transfers to the military and security forces of Afghanistan. The provision would also extend through fiscal year 2018 the exemption for excess defense articles (EDA) transferred from Department of Defense stocks in Afghanistan from counting toward the annual limitation on the aggregate value of EDA transferred under section 516 of the Foreign Assistance Act of 1961 (Public Law 87-195).

The Senate amendment contained a similar provision (sec. 1212).

The Senate recesses.

*Extension and modification of authority for reimbursement of certain coalition nations for support provided to United States military operations (sec. 1212)*

The House bill contained a provision (sec. 1213) that would amend section 1233 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181), to extend the authority for reimbursement of coalition nations for support provided to the United States for military operations in Iraq, Syria, and Afghanistan through December 31, 2018. This provision would also extend, through December 31, 2018, the requirement for the Secretary of Defense to notify the appropriate congressional committees prior to making any reimbursement to the Government of Pakistan for any logistical, military, or other support that Pakistan provides to the United States. Further, this section would extend the requirement for the Secretary of Defense to certify, prior to making any reimbursement to Pakistan, that Pakistan is maintaining security along the Ground Lines of Communication through Pakistan, taking demonstrable steps to support counterterrorism operations, disrupting cross border attacks, and countering the threat of improvised explosive devices. This provision would specify that, of the total amount of reimbursement and support authorized for Pakistan during the period beginning on October 1, 2017, and ending on December 31, 2018, \$400.0 million would not be eligible for a national security waiver unless the Secretary of Defense certifies that Pakistan has undertaken specified actions against the Haqqani Network.

The Senate amendment contained a similar provision (sec. 1213) that would extend for fiscal year 2018 the authority to make Coalition Support Funds (CSF) payments under section 1233 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181). The provision would limit the total amount of funds that may be provided in fiscal year 2018 to \$900.0 million. Of this total, the amount that could be provided to

Pakistan would be limited to \$700.0 million. The provision would also extend for one year certain notifications and certification requirements relating to payments to Pakistan. The provision would make \$350.0 million of this amount contingent upon certification from the Secretary of Defense that Pakistan is taking demonstrable steps against the Haqqani Network and Lashkar-e-Tayyiba in Pakistan.

The House recedes with an amendment that would extend the CSF authority through December 31, 2018 and remove Lashkar-e-Tayyiba from those certification requirements not eligible for a national security waiver.

The conferees note that action on the part of the Government of Pakistan against Lashkar-e-Tayyiba, as well as other terrorist groups operating within the borders of Pakistan, remains a priority for the United States. The conferees urge the Department of Defense to closely monitor U.S. security assistance to Pakistan, to ensure that Pakistan is not using such assistance to support terrorist groups, and to take appropriate measures to demonstrate to the Pakistani military the consequences of continuing to support such terrorist organizations.

The conferees remain concerned about the persecution of groups seeking political or religious freedom in Pakistan, including the Balochi, Sindhi, and Hazara ethnic groups, as well as religious groups, including Christian, Hindu, and Ahmadiyya Muslim. Consequently, the conferees believe that the Secretary of Defense should ensure that Pakistan is not using any assistance provided by the United States to persecute minority groups.

In addition, the conferees note that the authority allows for reimbursement of Pakistan for security activities along the Afghanistan-Pakistan border, including providing training and equipment for the Pakistan Frontier Corps Khyber Pakhtunkhwa. However, the conferees are concerned that Pakistan continues to delay or deny visas for U.S. personnel that could assist with the provision of such training. Given this situation, the conferees recommend that the Department of Defense condition reimbursements for training and equipment with appropriate access by U.S. personnel.

#### *Special immigrant visas for Afghan allies (sec. 1213)*

The Senate amendment contained a provision (sec. 1217) that would amend the Afghan Allies Protection Act of 2009 (8 U.S.C. 1101 note) to authorize an additional 4,000 special immigrant visas for Afghan allies.

The House bill contained no similar provision.

The House recesses with an amendment that would authorize an additional 3,500 special immigrant visas for Afghan allies.

*Extension of authority to acquire products and services produced in countries along a major route of supply to Afghanistan (sec. 1214)*

The Senate amendment contained a provision (sec. 1214) that would extend through December 31, 2019 the authority in section 801(f) of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84), as most recently amended by section 1212 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), to acquire products and services produced in countries along a major route of supply to Afghanistan.

The House bill contained no similar provision.

The House recesses.

*Extension of semiannual report on enhancing security and stability in Afghanistan (sec. 1215)*

The Senate amendment contained a provision (sec. 1215) that would extend through December 15, 2020 the semiannual reporting requirement on enhancing security and stability in Afghanistan.

The House bill contained no similar provision.

The House recesses.

*Human rights vetting of Afghan National Defense and Security Forces (sec. 1216)*

The Senate amendment contained a provision (sec. 6203) that would authorize the Secretary of Defense to establish within the Department of Defense one or more permanent positions to oversee and support, in coordination with the Department of State, the implementation of section 362 of title 10, United States Code, with respect to the Afghan National Defense and Security Forces.

The House bill contained no similar provision.

The House recesses.

## **SUBTITLE C—MATTERS RELATING TO SYRIA, IRAQ, AND IRAN**

*Report on United States strategy in Syria (sec. 1221)*

The House bill contained a provision (sec. 1221) requiring the Secretary of Defense, in coordination with the Secretary of State, to submit a report not later than February 1, 2018 on the strategy of the United States in Syria to appropriate congressional committees.

The Senate bill contained no similar provision.

The Senate recedes with an amendment that would require the President to submit the report and provide additional descriptions of the impact of the humanitarian situation in Syria on United States objectives, the roles and responsibilities of U.S. allies and partners in establishing regional stability, and the military conditions that must be met for the Islamic State of Iraq and Syria to be defeated.

The conferees note that stability in Syria is interdependent with stability in Iraq and they urge the President to consider the relationships between Syria and Iraq when submitting the Syria strategy.

*Extension and modification of authority to provide assistance to counter the Islamic State of Iraq and Syria (sec. 1222)*

The House bill contained a provision (sec. 1222) that would extend section 1236 of the National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291), as most recently amended by section 1222 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), by authorizing the Secretary of Defense, in coordination with the Secretary of State, to provide \$1.3 billion in assistance in fiscal year 2018 to the military and other security forces of, or associated with, the Government of the Republic of Iraq, through December 31, 2019.

The Senate amendment contained a similar provision (sec. 1231) that would modify the authority under section 1236 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291) to provide for infrastructure repair and renovation and small-scale construction of temporary facilities necessary to meet urgent operational or force protection requirements with a cost of less than \$4 million in Iraq. The Senate amendment also changed the title of the fund to correspond with Department of Defense guidance on using "Islamic State of Iraq and Syria" instead of "Islamic State of Iraq and the Levant."

The Senate recedes with an amendment that would combine the House and Senate provisions and make other clarifying changes.

The conferees acknowledge that the Islamic State of Iraq and Syria (ISIS) continues to pose a threat to the people,



government, and territorial integrity of Iraq, including the Iraqi Sunni, Shia, and Kurdish communities and religious and ethnic minorities in Iraq, and to the security and stability of the Middle East and beyond. The conferees also recognize that the defeat of ISIS is critical to maintaining an Iraq in which all faiths, sects, and ethnicities are afforded equal protection and full integration into society. The conferees urge the United States, in coordination with coalition partners, to continue necessary support to the security forces that have a national security mission in their fight against ISIS. The conferees remind the Secretaries that local security forces with a national security mission may include, in addition to Kurdish, Shia, and Sunni tribal elements, local security forces that are committed to protecting highly vulnerable ethnic and religious communities, such as Yazidi, Christian, Assyrian, and Turkoman communities, against the ISIS threat.

The conferees are alarmed by reports of clashes among security force elements over control of contested areas in Iraq and especially alarmed by reports of engagements between Kurdish Peshmerga forces and Iranian-backed paramilitary forces. The conferees emphasize the significant contributions Kurdish security forces have made to countering ISIS and condemn Iranian interference in Iraqi affairs. The conferees urge all parties to defuse tensions, refrain from further violence, and work peaceably to establish an equitable dispute resolution process that contributes to regional stability and the defeat of ISIS.

*Modification of authority to provide assistance to the vetted Syrian opposition (sec. 1223)*

The House bill contained a provision (sec. 1230) that would prohibit the authorization of funds to be appropriated for fiscal year 2018 for the Counter-Islamic State of Iraq and Syria Train and Equip Fund to provide assistance to any recipient of such funds that the Secretary of Defense has reported, pursuant to a quarterly progress report required by section 1209 of the National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291), as having previously misused training or equipment provided by the United States.

The Senate amendment contained a provision (sec. 1232) that would amend section 1209 of the National Defense Authorization Act of 2015 (Public Law 113-291) by striking the prior approval reprogramming requirement associated with the authority and replace it with a notification requirement before carrying out new initiatives. Additionally, the provision would modify the authority to provide for infrastructure repair and renovation and small-scale construction of temporary facilities

necessary to meet urgent operational or force protection requirements with a cost of less than \$4 million in Syria.

The House recesses with an amendment that would preserve the reprogramming requirement and require additional information to accompany reprogramming requests describing any material misuse of assistance provided by the United States under section 1209.

The conferees support the Department of Defense's request for a small-scale construction authority with the objective of bolstering the force protection and operational flexibility of vetted Syrian partner forces and coalition advisers. The conferees emphasize this authority is not intended for the construction or reconstruction of infrastructure or other permanent facilities.

*Extension and modification of authority to support operations and activities of the Office of Security Cooperation in Iraq (sec. 1224)*

The House bill contained a provision (sec. 1233) that would amend section 1215 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112-81), as most recently amended by section 1223 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), by extending the authority for the Office of Security Cooperation in Iraq (OSC-I) for one year through fiscal year 2018.

The Senate amendment contained a similar provision (sec. 1233) that would: extend the authority for OSC-I for one year; clarify that OSC-I's mandate pertains to defense institution building, strategic planning and reform, professionalization, and other such activities with forces of or associated with Government of Iraq with a national security mission; and limit the obligation or expenditure of more than 50 percent of funds available for fiscal year 2018 pending the delivery of the transition plan required by the statement of managers accompanying the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The House recesses with a clarifying amendment.

*Modification and additional elements in annual report on the military power of Iran (sec. 1225)*

The Senate amendment contained a provision (sec. 1234) that would amend section 1245 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84) to require additional information on Iran's use of civilian transportation infrastructure and assets to support its military

as well as its cooperation with other nations pertaining to nuclear, ballistic missile, chemical, biological, and advanced conventional weapons, and other identified technologies.

The House bill contained no similar provision.

The House recesses with a clarifying amendment.

*Extension of quarterly reports on confirmed ballistic missile launches from Iran and imposition of sanctions in connection with those launches (sec. 1226)*

The House bill contained a provision (sec. 1226) that would amend section 1226 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) by extending quarterly reporting of confirmed ballistic missile launches from Iran through December 31, 2022.

The Senate amendment contained no similar provision.

The Senate recesses with a clarifying amendment.

*Limitation on use of funds for provision of man-portable air defense systems to the vetted Syrian opposition (sec. 1227)*

The House bill contained a provision (sec. 1039) that would prohibit the use of funds authorized to be appropriated or otherwise made available for the Department of Defense for fiscal year 2018 to be obligated or expended to transfer or facilitate the transfer of man-portable air defense systems (MANPADs) to any entity in Syria until the Secretary of Defense and Secretary of State jointly notify the congressional defense committees, the Senate Foreign Relations Committee, and the House Foreign Affairs Committee should a determination be made to provide MANPADs to elements of the appropriately vetted Syrian opposition. The provision also contains a prohibition on the use of funds authorized to be appropriated or otherwise be made available for the Department of Defense for fiscal year 2018 to be obligated or expended to procure or transfer MANPADs.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would remove the second prohibition on the use of funds authorized to be appropriated or otherwise made available for the Department of Defense for fiscal year 2018 to be obligated or expended.

*Report on potential agreement with the Government of the Russian Federation on the status of Syria (sec. 1228)*

The House bill contained a provision (sec. 1058) that would require the President to submit to Congress a report that describes any understanding reached between the President and

the Government of the Russian Federation regarding the status of Syria.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would require a report to be submitted no later than five days after any agreement is reached with Russia regarding a political settlement or long-term territorial control in Syria.

Given the importance of Syria's stability to United States interests in the Middle East, the conferees expect the Secretary of State and the Secretary of Defense to keep Congress current and fully informed of any discussions or negotiations with Russia pertaining to any potential agreement regarding a political settlement or long-term territorial control in Syria.

## **SUBTITLE D—MATTERS RELATING TO THE RUSSIAN FEDERATION**

*Extension of limitation on military cooperation between the United States and the Russian Federation (sec. 1231)*

The House bill contained a provision (sec. 1231) that would prohibit funds authorized to be appropriated or otherwise made available by this Act for fiscal year 2018 from being used for bilateral military-to-military cooperation between the United States and the Russian Federation without certain certifications by the Secretary of Defense, in consultation with the Secretary of State, or unless certain waiver conditions are met.

The Senate amendment contained a similar provision (sec. 1241).

The House recesses.

*Prohibition on availability of funds relating to sovereignty of the Russian Federation over Crimea (sec. 1232)*

The House bill contained a provision (sec. 1232) that would prohibit funds authorized to be appropriated or made available by this Act through fiscal year 2018 for the Department of Defense to implement any activity that recognizes the sovereignty of the Russian Federation over Crimea. The provision included a waiver if the Secretary of Defense, with the concurrence of the Secretary of State, determines that to do so would be in the national security interest of the United States and submits a notification of the waiver to certain Congressional committees.

The Senate amendment contained a similar provision (sec. 1242).

The Senate recesses.

*Sense of Congress on European security (sec. 1233)*

The House bill contained a provision (sec. 1233) that would state that it is the policy of the United States to sustain credible deterrence against aggression by the Government of the Russian Federation in order to enhance regional and global security and stability. The section would also include a series of findings highlighting continued aggression and intimidation by the Russian Federation against U.S. allies and partners in Europe.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would express the sense of the Congress that: (1) the United States should support a Europe whole, free, and at peace and the sovereign right of all European states to pursue integration into the Euro-Atlantic community through institutions as the North Atlantic Treaty Organization (NATO) and the European Union; (2) the United States should develop and implement a policy and strategy backed by all elements of United States power to deter and, if necessary, defeat Russian aggression, which will require enhancing United States military capability and capacity in Europe and strengthening United States capability and capacity to counter malign Russian influence; (3) investments that support the security and stability of Europe, including the European Deterrence Initiative, should be included in the President's base budget request for the Department of Defense; (4) the United States should maintain an ironclad commitment to its obligations under Article 5 of the North Atlantic Treaty; (5) it is important that all NATO allies fulfill their commitments to levels and composition of defense expenditures as agreed upon at the NATO 2014 Wales Summit and NATO 2016 Warsaw Summit; (6) NATO allies should continue to coordinate defense investments; (7) it is essential that all NATO allies uphold their obligations under the North Atlantic Treaty to "safeguard the freedom, common heritage and civilization of their peoples, founded on the principles of democracy, individual liberty and the rule of law."

*Modification and extension of Ukraine Security Assistance Initiative (sec. 1234)*

The Senate amendment contained a provision (sec. 6208) that would extend through December 31, 2020, the authority under

section 1250 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as amended by section 1237 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), for the Secretary of Defense, in coordination with the Secretary of State, to provide security assistance, including defensive lethal assistance, and intelligence support to military and other security forces of the Government of Ukraine. The provision would authorize the use of up to \$500.0 million in fiscal year 2018 to provide security assistance to Ukraine.

The House bill contained a similar provision (sec. 1234).

The House recesses with an amendment that would provide additional categories of appropriate security assistance and intelligence support under the Ukraine Security Assistance Initiative, including treatment of wounded Ukrainian soldiers in U.S. medical treatment facilities through the Secretarial Designee Program, air defense and coastal defense radars, naval mine and counter-mine capabilities, and littoral-zone and coastal defense vessels. The amendment would authorize the use of up to \$350.0 million in fiscal year 2018 to provide security assistance to Ukraine. The amendment would also prohibit the obligation or expenditure of 50 percent of the funds available for fiscal year 2018 under this authority until the Secretary of Defense, in coordination with the Secretary of State, provides a certification concerning Ukraine's progress on defense institutional reforms.

*Limitation on availability of funds relating to implementation of the Open Skies Treaty (sec. 1235)*

The House bill contained a provision (sec. 1235) that would prohibit the obligation or expenditure of funds authorized to be appropriated for the Department of Defense for any fiscal year after fiscal year 2017 to conduct a flight for the purposes of implementing the Open Skies Treaty until the President submitted to Congress a plan containing the objectives for all flights in that year. The provision would also prohibit the obligation or expenditure of any funds for fiscal year 2018 for research, development, test, and evaluation, Air Force, for arms control implementation (PE 0305145F) and procurement, Air Force, for digital visual imaging system (BA-05, Line Item #1900) to modify U.S. aircraft for the purposes of implementing the Open Skies Treaty.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would change the prohibition on expenditure for aircraft modernization to a fence on funding pending two certifications: a certification

containing a determination by the Secretary of Defense, without delegation, that the modification of the digital visual imaging systems for the OC-135B Open Skies aircraft will provide superior digital imagery as compared to commercially-available digital imagery; and a certification by the President that he has imposed both treaty violation responses and legal countermeasures on the Russian Federation in response to its treaty violations and fully informed the appropriate congressional committees of such actions.

*Sense of Congress on importance of nuclear capabilities of NATO (sec. 1236)*

The House bill contained a provision (sec. 1236) that would make a series of findings and express the sense of Congress regarding the North Atlantic Treaty Organization's nuclear deterrence capability.

The Senate amendment contained no similar provision.  
The Senate recedes.

*Report on Security Cooperation with respect to Western Balkan countries (sec. 1237)*

The House bill contained a provision (sec. 1239) that would require the Secretary of Defense, in consultation with the Secretary of State, to submit to the congressional defense committees and others a report on the defense and security relationship between Serbia and the Russian Federation.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Secretary of Defense, with the concurrence of the Secretary of State, to submit to the congressional defense committees and others, a report on security cooperation with respect to Western Balkan countries, including Serbia, Bosnia and Herzegovina, Kosovo, and Macedonia. The amendment would require that the report include assessments of security cooperation between each of the specified countries and the Russian Federation, the United States, and the North Atlantic Treaty Organization (NATO), among other elements.

The conferees remain concerned over Russia's intensifying effort to assert its malign influence in the Western Balkans. The conferees condemn Russia's involvement in the attempted coup against the government of Montenegro, and believe the United States should maintain a policy of support for the sovereign right of the countries of the Western Balkans to pursue integration into the Euro-Atlantic community through institutions including NATO and the European Union.

*Plan to respond in case of Russian noncompliance with the New START Treaty (sec. 1238)*

The House bill contained a provision (sec. 1240) that would require the President to submit a report to Congress including options in response to a possible failure by the Russian Federation to comply with the New START Treaty by the deadline of February 5, 2018, as well as an assessment of whether such a failure would constitute material breach of the treaty.

The Senate amendment contained no similar provision.  
The Senate recedes.

*Strategy to counter threats by the Russian Federation (sec. 1239)*

The House bill contained a provision (sec. 1253) that would require the Secretary of Defense, in coordination with the Secretary of State and in consultation with each of the secretaries of the military departments, the Joint Chiefs of Staff, and the commanders of each of the regional and functional combatant commands, to develop and implement a comprehensive strategy to counter threats by the Russian Federation. The provision would also require a report on the strategy with specified elements not later than 180 days after the enactment of this Act.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would add to the specified elements of the required report plans to increase conventional precision strike weapon stockpiles in the United States European Command's area of responsibility and to counter the military capabilities of the Russian Federation.

The conferees note that the Russian Federation's aggressive actions threaten our national security, democratic values, and the cohesion of our alliances. These challenges require a comprehensive strategy backed by all elements of United States power to deter, and, if necessary defeat Russian aggression and to counter malign Russian influence. Such a strategy must be based on a clear understanding of the Russian Federation's strategic objectives and the ongoing threats its aggressive actions present.

*Strategy to counter the threat of malign influence by the Russian Federation (sec. 1239A)*

The House bill contained a provision (sec. 1256) that would require the Secretary of Defense and the Secretary of



State to develop jointly a plan to enhance cyber planning and information operations and strategic communications strategies to counter Russian information warfare, malign influence, and propaganda activities. The plan would also identify areas of potential cybersecurity collaboration with NATO and other European allies and partners.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Secretary of Defense and the Secretary of State, in coordination with the appropriate United States Government officials, to develop jointly a comprehensive strategy to counter the threat of malign influence by the Russian Federation. The strategy would include actions to counter hybrid warfare operations; to deter, and respond when necessary, to malicious Russian cyber activities; to identify and defend against malign Russian influence threats; and to promote core U.S. values and principles, strengthen democracy among European allies and partners, and further integration into multilateral organizations including the North Atlantic Treaty Organization and the European Union. The Secretary of Defense and Secretary of State would jointly submit to the appropriate committees of Congress a report detailing the required strategy.

The conferees note that Russian malign influence activities pose a fundamental threat to security and democracy in the United States, Europe, and elsewhere. Russian aggression urgently demands an integrated whole-of-government approach, undertaken in close collaboration with U.S. allies and partners. The conferees believe it is vital to understand the extent of Russian interference in our fundamental institutions and to develop a strategy to counter that threat. The conferees urge action without delay to formulate a comprehensive strategy that ensures the United States can detect, deter, and counter this fundamental threat to democratic institutions and the international global order.

## **SUBTITLE E—INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY PRESERVATION ACT OF 2017**

*INF Treaty Preservation Act of 2017 (secs. 1241-1242, 1246 )*

The House bill contained several provisions (sec. 1241, 1242, and 1248) related to the INF Treaty Preservation Act of 2017, including the title, a series of findings regarding the violation of the Intermediate-Range Nuclear Forces Treaty by the Russian Federation, and definitions.

The Senate amendment contained no similar provisions.  
The Senate recesses.

*Compliance enforcement regarding Russian violations of the INF Treaty (sec. 1243)*

The House bill contained a provision (sec. 1243) that would make a statement of U.S. policy regarding the Russian Federation's non-compliance with the Intermediate-Range Nuclear Forces (INF) Treaty, including that the Russian Federation's actions constitute a material breach of the treaty and that, in light of such material breach, the United States is legally entitled to suspend the operation of the INF Treaty in whole or in part. It would also state that, for so long as the Russian Federation remains in violation of the treaty, the United States should take actions to encourage a return to compliance, including providing additional funds for capabilities identified in section 1243(d) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92). The provision would also authorize to be appropriated \$50.0 million, Research, Development, Test, and Evaluation (RDT&E), Defense-wide, for research and development of military response options for the Russian Federation's INF Treaty violation, including those capabilities identified in section 1243(d) of Public Law 114-92. Of that, the provision would authorize \$25.0 million for the research and development activities described in the following section.

The House bill also contained a provision (sec. 1244) that would require the Secretary of Defense to establish a program of record to develop a conventional road-mobile ground-launched cruise missile system with a range of between 500 and 5,500 kilometers. The provision would also require the Secretary of Defense to submit to the relevant committees a report on the cost, schedule, and feasibility of modifying existing and planned missile systems for ground launch and intermediate range.

The Senate amendment contained a similar provision (sec. 1635) that would establish a research and development program for a dual-capable road-mobile ground-launched missile system with a maximum range of 5,500 kilometers, in order to close the capability gap opened by the Russian Federation's violation of the INF Treaty. The Senate amendment would also authorize to be appropriated \$65.0 million, RDT&E, Defense-wide, for such program. Finally, the provision would limit the obligation or expenditure of these funds until the Secretary of Defense submits to the congressional defense committees a report on the cost, schedule, and feasibility of modifying existing and

planned missile systems for ground launch and intermediate range.

The Senate recedes with several amendments that would strike the statement of policy and would express the sense of Congress that the Russian Federation's violation of the INF Treaty constitutes material breach. The amendments would also authorize to be appropriated \$58.0 million for RDT&E, Defense-wide, for capabilities identified in section 1243(d) of Public Law 114-92 as well as a program of record to develop a conventional road-mobile ground-launched cruise missile system with a range of between 500 and 5,500 kilometers. Finally, the agreement would require the same report by the Secretary of Defense but would remove the limitation on funds contained in the Senate amendment.

The conferees note that the INF Treaty prohibits testing and deployment of ground-launched intermediate-range missile systems, but it does not prohibit research and development. The conferees do not intend for the United States to enter into a violation of the INF Treaty so long as the treaty remains in force, and nothing in this provision should be construed to force the United States into a violation of the treaty.

*Notification requirement related to Russian Federation development of noncompliant systems and United States actions regarding material breach of INF Treaty by the Russian Federation (sec. 1244)*

The House bill contained a provision (sec. 1245) that would make a declaration of policy regarding the Russian Federation's violation of the Intermediate-Range Nuclear Forces (INF) Treaty and require the Director of National Intelligence to notify the appropriate congressional committees of any development, deployment, or test of a system by the Russian Federation that is inconsistent with the INF Treaty. The provision would also require the President to submit to the appropriate congressional committees 15 months after the date of enactment of this Act a report that contains a determination of whether the Russian Federation has engaged in any such activity during the year following the date of enactment. If the President so determines, the provision would provide that the prohibitions set forth in the INF Treaty would no longer be binding on the United States as a matter of U.S. law.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would strike the declaration of policy and the Presidential reporting requirement. The amendment would also withhold \$50.0 million in funds made available to the Department of Defense for operation

and maintenance, Defense-wide, for fiscal year 2018 to carry out special mission area activities of the Defense Information Systems Agency and until the President submits to the appropriate congressional committees two reports: first, a certification that each requirement of section 1290 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) has been and continues to be fully implemented and the President has notified the appropriate congressional committees of the measures imposed pursuant to section 1290; and second, a report containing a proposal for additional measures to be implemented with respect to individuals in the Russian Federation that the President determines to play a significant role in facilitating or ordering the violation of the INF Treaty, and those who are senior political figures of the Russian Federation. The conferees note that this provision would not direct the implementation of these additional sanctions.

The conferees note that section 1290 required the Secretary of the Treasury to submit to Congress a report identifying individuals who are citizens of countries that are not in full compliance with obligations of arms control, nonproliferation, and disarmament agreements to which the United States is a party and who have contributed to such non-compliance. That section further required the President to impose certain measures on each person identified in this report. The conferees note that the Secretary of the Treasury has not submitted this report and the President has not imposed these measures on individuals that have contributed to violations of arms control, nonproliferation, and disarmament agreements pursuant to section 1290.

The conferees also note that section 1231 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) withheld \$10.0 million of funding for the Department of Defense to provide support services to the Executive Office of the President until the Secretary of Defense submitted a plan for the development of military capabilities in response to the Russian Federation's violation of the INF Treaty, as required by section 1243(d) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92). The conferees reiterate that the plan contained in the report previously submitted to Congress, pursuant to section 1243(d), was insufficient, and the conferees do not believe that the requirements in either Public Law have been satisfied.

The conferees further note that the Department of Defense was unable to provide timely information on the status of such funds, leading the conferees to believe that such funds were not withheld. The Department was also unable to provide a full

accounting of funding to provide support services to the Executive Office of the President.

Therefore, the conferees direct that, as part of the submission of the President's budget request for fiscal year 2019, the Under Secretary of Defense (Comptroller) provide relevant details pertaining to Department of Defense support to the Executive Office of the President and the White House Military Office specifically, by budget category, including appropriation and line number. These two budget exhibits should be submitted in unclassified form as appropriate and with a classified enclosure as necessary.

*Review of RS-26 ballistic missile (sec. 1245)*

The House bill contained a provision (sec. 1247) that would require the President, in consultation with the relevant members of the National Security Council, to conduct a review of the Russian Federation's RS-26 ballistic missile and submit a report to Congress not later than 90 days after the date of enactment of this Act. Such report would include a determination of whether the RS-26 ballistic missile is covered under the New START Treaty or the Intermediate-Range Nuclear Forces Treaty and would contain the implications of such determination for assessment of the Russian Federation's compliance with either treaty.

The Senate amendment contained no similar provision.  
The Senate recedes.

## **SUBTITLE F—MATTERS RELATING TO THE INDO-ASIA-PACIFIC REGION**

*Sense of Congress and Initiative on the Indo-Asia-Pacific region (sec. 1251)*

The House bill contained a provision (sec. 1261) that would express a sense of Congress that the United States has a national interest in maintaining the stability and security of the Indo-Asia-Pacific region. It expresses that the United States should maintain a military capability to deter acts of aggression and respond to regional threats. It expresses that continuing efforts to realign forces, commit additional assets, and increase investments in the region are necessary to maintain a robust U.S. commitment to the region.

The Senate amendment contained a similar provision (sec. 1261) that would authorize the Secretary of Defense to establish the Indo-Asia-Pacific Stability Initiative and provide the

necessary guidelines and authorities for the Department of Defense to execute and implement it. The recommended provision would outline the stated objective of the initiative, the authorized activities, and funding authorities to be used. The recommended provision would also ensure that the Department of Defense retains a maximum amount of flexibility in carrying out the initiative.

The House recedes with an amendment that would combine the two provisions and require the Department to submit to the congressional defense committees a plan outlining the projects and activities needed for the Indo-Asia-Pacific Stability Initiative.

The conferees emphasize that the United States must maintain a robust, long-term security presence in the Indo-Asia-Pacific to help preserve peace and stability in the region amid current and emerging threats. The conferees expect the Department to request additional base budget funding for the Indo-Asia-Pacific Stability Initiative in future years as part of its annual budget request. Laying the groundwork for this initiative will enable the United States and its allies and partners in the region to plan for long-term security and stability in the region.

*Report on strategy to prioritize United States defense interests in the Indo-Asia-Pacific region (sec. 1252)*

The House bill contained a provision (sec. 1262) that would require the Department of Defense to develop a strategy that would prioritize the Department of Defense's efforts in the Indo-Asia-Pacific region and to submit a report on this plan to the appropriate congressional committees by February 1, 2018. This provision would also repeal section 1251 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291).

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require that the report be informed by the overall presidential strategy required by section 1261(a) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92; 129 Stat. 1072).

The amendment would also extend the deadline for the presidential strategy to March 1, 2018 and require that the Department of Defense report be submitted not later than 90 days after the date on which the President issues his strategy for the Indo-Asia-Pacific region, which should also be simultaneously submitted to the appropriate congressional defense committees.

*Assessment of United States force posture and basing needs in the Indo-Asia-Pacific region (sec. 1253)*

The House bill contained a provision (sec. 1263) that would require the Secretary of Defense to assess U.S. Pacific posture, deployment plans, and realignment and basing needs to accomplish U.S. defense priorities and respond to complex crises and contingencies. This section would also require the Secretary to report the results of this assessment to the congressional defense committees not later than March 1, 2018.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would change the report submission date to April 1, 2018.

*Plan to enhance the extended deterrence and assurance capabilities of the United States in the Asia-Pacific region (sec. 1254)*

The House bill contained a provision (sec. 1264) that would express the sense of Congress that the United States is committed to providing extended deterrence to allies in the Asia-Pacific, including Japan and the Republic of Korea. This provision would also state that the United States must maintain robust nuclear capabilities, including nuclear-capable aircraft, to assure that the full spectrum of military options associated with the extended deterrence commitments of the United States remains credible and executable.

The Senate amendment contained two similar provisions (sec. 1269 and 6204) that would express the sense of Congress that the nuclear and missile program of North Korea is one of the most dangerous national security threats facing the United States today and that the Nuclear Posture Review (NPR) to be completed this year should fully consider the perspectives of key allies and partners in East Asia, including the Republic of Korea and Japan, as well as actions to reassure those countries.

The House bill contained another provision (sec. 1270D) that would require the Secretary of Defense to submit to the congressional defense committees a plan to enhance the extended deterrence capabilities of the United States in the Asia-Pacific region. This plan would include consideration of a number of actions that would enhance United States security by strengthening deterrence of North Korean aggression.

The Senate amendment contained a similar provision (sec. 6206).

The Senate recesses with amendments that would combine all five provisions, strike some of the findings, and remove a reference to the Intermediate-Range Nuclear Forces Treaty.

*Sense of Congress reaffirming security commitments to the Governments of Japan and South Korea and trilateral cooperation between the United States, Japan, and South Korea (sec. 1255)*

The House bill contained a provision (sec. 1266) that would express the sense of Congress that the United States values its alliances with the Governments of Japan and the Republic of Korea and that the United States should continue to further defense cooperation. The provision would also seek to promote continued and strengthened bilateral and trilateral cooperation on a full range of issues related to the Democratic People's Republic of Korea and to other security challenges in the Indo-Asia-Pacific region.

The Senate amendment contained two similar provisions (secs. 1267 and 1268) that between them would express the sense of Congress that the United States and Japan are indispensable partners and that the bilateral security alliance will continue to ensure a secure and prosperous world; and express the sense of Congress that the United States should continue to support efforts to strengthen the alliance with South Korea, to defend the alliance against provocations committed by North Korea, and support efforts to deepen trilateral coordination and cooperation between the United States, South Korea, and Japan.

The Senate recedes with an amendment that would combine all three provisions into one.

*Strategy on North Korea (sec. 1256)*

The House bill contained a provision (sec. 1270B) that would express the sense of Congress that North Korea continues to pose a threat to the security of the United States and to our allies and partners in the region, and that the United States should take appropriate steps to counter this threat.

The Senate amendment contained a similar provision (sec. 11202) that would require the Secretary of Defense to submit to the congressional defense committees a report that sets forth a strategy of the United States with respect to North Korea, not later than 90 days after the date of the enactment of this Act.

The House recedes with an amendment that would elevate the required strategy to the President of the United States and broaden the elements required in the strategy.

The conferees note that:

(1) the United States should act to counter North Korea's continued development and testing of nuclear weapons and intercontinental ballistic missiles;

(2) the development of a functional and operational North Korean nuclear and intercontinental ballistic missile program



constitutes a threat to the security of the United States and to our allies and partners in the region;

(3) the defense of the United States and our allies against North Korean aggression remains a top priority, and the United States maintains an unwavering and steadfast commitment to the policy of extended deterrence, especially with respect to South Korea and Japan;

(4) the United States supports the deployment of the Terminal High Altitude Area Defense (THAAD) system in South Korea to counter North Korea's missile threat and the deployment of ballistic missile defense systems to allies in the Indo-Asia-Pacific region to protect from the growing threat of North Korea's nuclear weapons and ballistic missile programs;

(5) the United States should encourage further multilateral security cooperation and dialogue among South Korea, Japan, and Australia to address the North Korea threat;

(6) the United States calls upon the People's Republic of China to pressure North Korea to cease its provocative behavior and abandon and dismantle its nuclear and ballistic missile programs, and comply with all relevant United Nations Security Council resolutions;

(7) the United States should fully enforce all existing sanctions on North Korea and undertake a comprehensive diplomatic effort to urge allies and other countries to fully enforce, and build upon, existing international sanctions; and

(8) the United States should retain diplomatic, economic, and military options to defend against and pressure North Korea to abandon its illicit weapons program.

*North Korean nuclear intercontinental ballistic missiles*  
(sec. 1257)

The House bill contained a provision (sec. 1694) that would require the Secretary of Defense to provide to the congressional defense committees a briefing on the hazards or risks posed directly or indirectly by the nuclear ambitions of North Korea, including several specified elements.

The Senate amendment contained no similar provision.

The Senate recesses with several technical and clarifying amendments.

*Advancements in defense cooperation between the United States and India* (sec. 1258)

The House bill contained a provision (sec. 1270C) that would require the Secretary of Defense, in consultation with the Secretary of State, to develop a strategy for advancing defense

cooperation between the United States and India, not later than 180 days after the date of the enactment of this Act.

The Senate amendment contained a similar provision (sec. 6201). The provision also would add additional duties to the senior official responsible for enhanced U.S.-India defense trade, pursuant to section 1292 of the National Defense Authorization Act for Fiscal Year 2017 (P.L. 114-328; 130 Stat. 2559).

The House recedes with an amendment that combines the strategy reporting requirement with existing reporting requirements from section 1292 of the National Defense Authorization Act for Fiscal Year 2017 (P.L. 114-328; 130 Stat. 2559).

The conferees note that:

(1) Subsection(a)(1)(A) of section 1292 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat. 2559) requires the recognition of India as a major defense partner.

(2) The designation of 'Major Defense Partner' is unique to India, and institutionalizes the progress made to facilitate defense trade and technology cooperation between the United States and India to a level commensurate with the closest allies and partners of the United States.

(3) The designation promotes joint exercises, defense strategy and policy coordination, military exchanges, and port calls in support of defense cooperation between the United States and India.

(4) The modified requirements outlined in this provision require the Secretary of Defense to develop a forward-looking strategy that would build upon current objectives and goals, underlining a mutual desire to develop an enduring defense relationship with India.

(5) The United States and India should work closely with Afghanistan to promote stability in the region to include targeted infrastructure development and economic investment, means to address capability gaps in country, and improved humanitarian and disaster relief assistance.

*Strengthening the defense partnership between the United States and Taiwan (sec. 1259)*

The House bill contained two provisions (secs. 1268 and 1270E) that would, respectively, express a sense of Congress to strengthen the defense of Taiwan and direct the Department to submit a report on the feasibility and advisability of naval port calls with Taiwan. The sense of Congress would encourage the Department to continue the transfer of defense articles and

services, expand training and exercises with Taiwan, support practical military personnel training and exchanges between services, encourage Taiwan's continued investment in asymmetric self-defense capabilities and support humanitarian assistance and disaster relief training.

The Senate amendment contained five similar provisions (secs. 1270, 1270A, 1270B, 1270C, and 1270D) that would respectively: express a sense of Congress encouraging strengthened bilateral relations between the United States and Taiwan through increased regular defense articles and defense services transfers, air defense training capability building, and multilateral exercises; reestablish naval port call exchanges between the U.S. and Taiwan at appropriate locations; direct the Department of Defense to enhance the undersea warfare capabilities of Taiwan; direct the Department to invite Taiwan's military forces to participate in joint military exercises, particularly the annual 'Red Flag' aerial combat training military exercise; and direct the Department to submit a report on military exchanges between senior officers and officials of the United States and Taiwan, pursuant to section 1284 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The House recedes with an amendment that would combine all seven provisions into one. The new provision would make a statement of policy regarding the commitment of the United States to Taiwan and express a Sense of Congress on steps that should be taken to strengthen the defense relationship between the two countries.

*Normalizing the transfer of defense articles and defense services to Taiwan (sec. 1259A)*

The House bill contained a provision (sec. 1270G) that would require the Secretary of Defense, not later than 120 days after the date on which the Secretary receives a Letter of Request from Taiwan with respect to the transfer of a defense article or defense service to Taiwan, in consultation with the Secretary of State, to submit to the appropriate congressional committees a report with details of the request. The provision would also direct that, not later than 180 days after the date of the enactment of this Act, and every 180 days thereafter, the Secretary, in coordination with the Secretary of State, shall provide a briefing to the appropriate congressional committees with respect to the security challenges faced by Taiwan and the military cooperation between the United States and Taiwan, including a description of any requests from Taiwan for the transfer of defense articles or defense services and the status,

whether signed or unsigned, of any Letters of Offer and Acceptance with respect to such requests.

The Senate amendment contained no similar provision.

The Senate recedes with a technical, clarifying amendment.

*Assessment on United States defense implications of China's expanding global access (sec. 1259B)*

The House bill contained a provision (sec. 1270F) that would require the Secretary of Defense, in consultation with the Secretary of State, to assess the foreign military and nonmilitary activities of the People's Republic of China that could affect the regional and global national security and defense interests of the United States.

The Senate amendment contained a similar provision (sec. 6216) that would require the Secretary of Defense to enter into a contract or other agreement with an appropriate entity independent of the Department of Defense to conduct an assessment of the foreign military and non-military influence of the People's Republic of China that could affect the regional and global national security and defense interests of the United States.

The Senate recedes with an amendment that would make technical, clarifying edits.

*Agreement supplemental to Compact of Free Association with Palau (sec. 1259C)*

The House bill contained a provision (sec. 1265) that would authorize the Secretary of the Interior to meet the financial obligations of the United States under an agreement with the Government of the Republic of Palau.

The Senate amendment contained a similar provision (sec. 1263) that would provide the Congressional approval necessary to bring the September 2010 Compact Review Agreement (CRA) with Palau and its appendices into force, while authorizing and approving necessary modifications to the outdated funding schedule that was included in the 2010 Agreement.

The House recedes with an amendment that includes technical, clarifying edits.

The conferees note that funds to comply with this agreement are authorized in budget function 800.

*Study on United States interests in the Freely Associated States (sec. 1259D)*

The Senate amendment contained a provision (sec. 6205) that would require the Secretary of Defense to enter into an agreement with an appropriate independent entity to conduct a study and assessment of United States security and foreign policy interests in the Freely Associated States of the Republic of Palau, the Republic of the Marshall Islands, and the Federated States of Micronesia.

The House bill contained no similar provision.

The House recesses with an amendment that would make technical edits.

## **SUBTITLE G-REPORTS**

*Modification of annual report on military and security developments involving the People's Republic of China (sec. 1261)*

The House bill contained a provision (sec. 1287) that would amend subsection (b) of section 1202 of the National Defense Authorization Act for Fiscal Year 2000 (Public Law 106-65; 10 U.S.C. 113 note), as most recently amended by section 1271 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat. 2538).

The Senate amendment contained no similar provision.

The Senate recesses.

*Modification of annual update of Department of Defense Freedom of Navigation Operations report (sec. 1262)*

The House bill contained a provision (sec. 1289) that would require reporting of certain types and locations of excessive maritime claims that have not been challenged by the United States.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would omit excessive claim locations and require a list of all countries with excessive maritime claims.

*Report on strategy to defeat Al-Qaeda, the Taliban, the Islamic State of Iraq and Syria (ISIS), and their associated forces and co-belligerents (sec. 1263)*

The House bill contained a provision (sec. 1291) that would require the President to submit to Congress a report on the United States strategy to defeat Al-Qaeda, the Taliban, the Islamic State of Iraq and Syria (ISIS), and their associated

forces and co-belligerents not later than 30 days after the date of the enactment of this Act. The provision would also require the Secretary of State and the Secretary of Defense to testify at any hearings held on the report.

The Senate amendment contained no similar provision.

The Senate recedes with a clarifying amendment.

The conferees expect that after the report required in this section is submitted to Congress the Secretary of Defense and Secretary of State will, if requested, testify before Congress on the findings of the report.

*Report on and notice of changes made to the legal and policy frameworks for the United States' use of military force and related national security operations (sec. 1264)*

The House bill contained a provision (sec. 1292) that would require the President, not later than 30 days after the date on which a change is made to any of the legal or policy frameworks described in the report entitled "Report on the Legal and Policy Frameworks Guiding the United States Use of Military Force and Related National Security Operations" prepared by the national security departments and agencies and published on December 5, 2016, to notify certain congressional committees of such change, including the legal, factual, and policy justification for such change.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the President, not later than 90 days after the enactment of this Act, to submit to certain congressional committees a report on the legal and policy frameworks for the United States' use of military force and related national security operations and, not later than 30 days after a change is made to these legal and policy frameworks, to notify these committees of such change.

*Report on military action of Saudi Arabia and its coalition partners in Yemen (sec. 1265)*

The House bill contained a provision (sec. 1293) that would require the Secretary of Defense and Secretary of State to jointly submit a report on the military action of Saudi Arabia and its partners in Yemen.

The Senate amendment contained no similar provision.

The Senate recedes with a clarifying amendment.

*Submittal of Department of Defense Supplemental and Cost of War Execution reports on quarterly basis (sec. 1266)*

The Senate amendment contained a provision (sec. 1271) that would require the Department of Defense to submit the Cost of War Execution report quarterly rather than monthly.

The House bill contained no similar provision.

The House recesses with a technical amendment.

*Consolidation of reports on United States Armed Forces, civilian employees, and contractors deployed in support of Operation Inherent Resolve and Operation Freedom's Sentinel, and associated and successor operations (sec. 1267)*

The House bill contained a provision (sec. 1228) that would require the President to submit to Congress a report on the deployment of United States combat forces to Syria.

The Senate amendment contained a related provision (sec. 1272) that would consolidate reporting by the Secretary of Defense on the deployment of United States Armed Forces, civilian employees, and contractors deployed in support of Operation Inherent Resolve and Operation Freedom's Sentinel.

The House recesses with a clarifying amendment.

*Comptroller General of the United States report on pricing and availability with respect to foreign military sales (sec. 1268)*

The Senate amendment contained a provision (sec. 1283) that would require the Department of Defense implementing agency for a foreign military sale to consult with the relevant US commercial entities involved in the sale before delivering a formal pricing and availability response to the foreign customer. If the commercial entity believes the price is not accurate, then the commercial entity and the implementing agency should each provide a justification for the differences to the Defense Security Cooperation Agency within 30 days of being notified of the discrepancy by the commercial entity.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Comptroller General of the United States to perform a comprehensive assessment, not later than 1 year after the date of the enactment of this Act, of the purpose and role of pricing and availability within the foreign military sale process, including assumptions, transparency, common discrepancies, and other elements.

*Annual report on military and security developments involving the Russian Federation (sec. 1269)*

The Senate amendment contained a provision (sec. 6211) that would add an element on hybrid warfare to the annual report on Russian military and security developments required under section 1245 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291), as most recently amended by the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The House bill contained no similar provision.

The House recedes with an amendment that would add an element to the annual report concerning attempts of the Russian Federation to provide disinformation and propaganda to members of the Armed Forces by social media.

## **SUBTITLE H—OTHER MATTERS**

### *Security and stability strategy for Somalia (sec. 1271)*

The House bill contained a provision (sec. 1273) that would require the President to submit a report to the appropriate congressional committees not later than 120 days after the date of enactment of this Act containing a comprehensive strategy to achieve long-term security and stability in the Federal Republic of Somalia.

The Senate amendment contained no similar provision.

The Senate recedes with clarifying amendment.

### *Global Theater Security Cooperation Management Information System (sec. 1272)*

The House bill contained a provision (sec. 1274) that would require the Secretary of Defense to enter into an agreement with a federally funded research and development center to conduct an assessment of the effectiveness of measures taken to improve the functionality of the Global Theater Security Cooperation Management Information System (G-TSCMIS).

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Secretary of Defense to update relevant security cooperation guidance for use of G-TSCMIS or any security cooperation information system that is a successor to G-TSCMIS with associated reporting requirements.

### *Future years plan for the European Deterrence Initiative (sec. 1273)*



The House bill contained a provision (sec. 1275) that would require the Secretary of Defense, in consultation with the Commander of the United States European Command, to submit a future years plan on activities and resources of the European Deterrence Initiative (EDI) for fiscal year 2018 and four successive fiscal years. The plan would also include an assessment of what would be required to fully resource U.S. force posture and capabilities in the European theater, as well as a plan to station additional permanent U.S. troops in Europe along with the necessary infrastructure and enablers. The provision would also require the Secretary of Defense to pause divestment of any remaining sites under the European Infrastructure Consolidation (EIC) until the required plan is submitted to Congress.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would add to the matters to be included in the required plan an analysis of the challenges to the ability of the United States to flow significant forces from the continental United States to the European theater in the event of a major contingency, as well as a description of the Department of Defense's plans, including military exercise, to address such challenges.

*Extension of authority to enter into agreements with participating countries in the American, British, Canadian, and Australian Armies' Program (sec. 1274)*

The House bill contained a provision (sec. 1276) that would extend by 5 years the authority in section 1274(g) of the National Defense Authorization Act for Fiscal Year 2013 (Public Law 112-239) to enter into agreements with participating countries in the American, British, Canadian, and Australian Armies' Program.

The Senate amendment contained no similar provision.

The Senate recedes.

*United States military and diplomatic strategy for Yemen (sec. 1275)*

The House bill contained a provision (sec. 1277) that would require the President to submit to the appropriate congressional committees a report that contains a security strategy for Yemen. The provision would additionally specify that none of the funds authorized to be appropriated by this Act are authorized to be made available to deploy members of the Armed Forces to participate in the ongoing civil war in Yemen.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would strike the prohibition on funds and make other clarifying changes.

*Transfer of excess high mobility multipurpose wheeled vehicles to foreign countries (sec. 1276)*

The House bill contained a provision (sec. 1278) that would prohibit the Secretary of Defense from transferring any excess defense articles (EDA) that are high mobility multipurpose wheeled vehicles (HMMWVs) until 30 days after the Comptroller General of the United States submits a report to the congressional defense committees, the Committee on Foreign Relations of the Senate, and the Committee on Foreign Affairs of the House of Representatives that assesses the Department of Defense's efforts to evaluate the potential impact of HMMWV EDA transfers on the U.S. industrial base for fiscal years 2012 through 2016. The House bill also included authority for the President to waive the prohibition if in the national interest.

The Senate amendment contained a provision (sec. 111) that would require that HMMWVs designated for transfer as EDA must be modernized and refurbished to like-new conditions by U.S. workers prior to transfer. The Senate amendment included authority for the Secretary of Defense to waive the requirement if in the interest of national security.

The House recedes with an amendment that provides that the requirement to refurbish and modernize EDA HMMWVs will take effect 90 days after enactment of this Act; sunsets this requirement after three years; retains the requirement for the Comptroller General's assessment, but removes the prohibition on such transfers; and modifies the waiver authority and notification requirements.

The conferees note that the transfer of excess defense articles can make an important contribution to advancing the national security and foreign policy interests of the United States and its allies and partners. At the same time, the conferees note the concerns that have been raised that the existing requirements to determine the potential impact of EDA transfers on the U.S. industrial base, as required under section (b)(1)(E) of title 22, United States Code, are not being enforced, and as such there could be adverse impacts to the U.S. industrial base or its workforce. Concerns have been raised in particular about the potential adverse impacts of EDA HMMWV transfers to the light tactical vehicle industrial base.

The conferees expect any modernization and refurbishment work to be done at no cost to the government unless congressionally appropriated funds have been designated and are available for such purposes, such as is the case under the

Afghanistan Security Forces Fund (ASFF). The conferees are also aware that a pending transfer of excess defense article vehicles to Iraq has resulted in significant concerns among entities within the industrial base. The conferees encourage the Secretary of Defense to review this pending transfer and expect the Secretary to consider the concerns raised by these entities within the industrial base before authorizing this transfer. The conferees expect the Secretary of Defense to fully review the condition of these HMMWVs before transfer in order to determine whether further upgrades to these vehicles are necessary. Finally, the conferees intend for the refurbishment requirement under this section to apply only to HMMWVs within the continental United States that have been declared excess and not to those vehicles located outside the continental United States.

The conferees fully expect the Department to exercise the waiver authority, as necessary, if it is in the national interest to do so. If the waiver authority is used, the conferees encourage the Department to consider if practicable including additional information in the written determination to Congress to supplement the notification elements required in this provision. Such information may include serial and model numbers of individual HMMWVs, as well as information, to the extent practicable, regarding consultation with industrial base partners.

Finally, the conferees note that HMMWVs will remain in the light tactical wheeled vehicle fleet for the foreseeable future even after the fielding of the Joint Light Tactical Vehicle (JLTV). Therefore, not later than 90 days after enactment of this act, the conferees direct the Secretary of the Army to provide a briefing to the House and Senate Armed Services Committees on the Army's plan to manage the tactical wheeled vehicle fleet and the impact this strategy will have on the industrial base.

*Department of Defense program to protect United States students against foreign agents (sec. 1277)*

The House bill contained a provision (sec. 1279) that would require the Secretary of Defense to develop and implement a program to prepare U.S. students studying abroad through Department of Defense National Security Education Programs to recognize and protect themselves against recruitment efforts by foreign intelligence agents. This section would also require the Secretary of Defense to provide a briefing to the Committee on Armed Services of the Senate and the Committee on Armed Services of the House of Representatives on the plan to develop and implement the program.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would make technical modifications.

*Limitation and extension of United States-Israel anti-tunnel cooperation authority (sec. 1278)*

The House bill contained a provision (sec. 1280) that would extend through December 31, 2020 the authority under section 1279 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as amended by the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), for the Secretary of Defense, in consultation with the Secretary of State and the Director of National Intelligence, to carry out research, development, test, and evaluation, on a joint basis with Israel, to establish anti-tunnel capabilities to detect, map, and neutralize underground tunnels that threaten the United States or Israel.

The Senate amendment contained a similar provision (sec. 1282) that would provide that of the amount contributed by the United States for activities under section 1279 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as amended by the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), not less than 50 percent of such amount shall be used for research, development, test, and evaluation activities for purposes of such section in the United States.

The House recesses with an amendment that would extend through December 31, 2020 the authority under section 1279 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as amended by the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

*Anticorruption strategy (sec. 1279)*

The House bill contained a provision (sec. 1281) that would require the Secretary of Defense, the Secretary of State, and the Administrator of the United States Agency for International Development, in consultation with the heads of other relevant Federal agencies, to develop a strategy to prevent corruption in reconstruction efforts and submit it to the congressional defense committees, the Committee on Foreign Relations of the Senate, and the Committee on Foreign Affairs of the House of Representatives.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would require the Secretary of State, the Secretary of Defense, and the

Administrator of the United States Agency for International Development to jointly develop a strategy to prevent corruption in any reconstruction efforts associated with United States contingency operations and submit such strategy to the appropriate congressional committees.

*Strategy to improve defense institutions and security sector forces in Nigeria (sec. 1279A)*

The House bill contained a provision (sec. 1285) that would require the President to submit a report to the appropriate congressional committees that contains a comprehensive strategy to support improvements in defense institutions and security sector forces in Nigeria.

The Senate amendment contained no similar provision.

The Senate recedes with a clarifying amendment.

*Limitation on availability of funds to implement the Arms Trade Treaty (sec. 1279B)*

The House bill contained a provision (sec. 1296) that would prohibit the obligation of funds authorized to be appropriated by the Department of Defense to support the implementation of the Arms Trade Treaty, to sustain domestic prosecutions based on any charge related to the Treaty, or to implement the Treaty until the Senate approves a resolution of ratification for the Treaty and implementing legislation for the Treaty has been enacted into law.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment.

The conferees understand that, while the United States is participating in the annual Conference of States Parties (CSP) for the Arms Trade Treaty, and expending money in so doing, it has not expended any money to implement the Arms Trade Treaty. The conferees expect the Secretary of Defense and the Secretary of State will scrupulously ensure that no taxpayer funding is expended in support of implementation of this treaty until such time as the United States ratifies the treaty and enacts any required implementing legislation.

*Cultural Heritage Protection Coordinator (sec. 1279C)*

The House bill contained a provision (sec. 1297) that would require the Secretary of Defense, not later than 90 days after the date of the enactment of this Act, to designate an employee of the Department of Defense to serve concurrently as the Coordinator for Cultural Heritage Protection. This

individual would be responsible for coordinating existing obligations of the Department for the protection of cultural heritage and for convening a coordinating committee of entities within the Department that have responsibility or capacity for protecting cultural heritage.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Secretary of Defense, not later than 90 days after the date of the enactment of this Act, to designate an employee of the Department of Defense to serve concurrently as the Coordinator for Cultural Heritage Protection. This individual would be responsible for coordinating existing obligations of the Department for the protection of cultural heritage and coordinating, as appropriate, with the Cultural Heritage Coordinating Committee convened by the Secretary of State.

*Security assistance for Baltic nations for joint program for joint interoperability and deterrence against aggression (sec. 1279D)*

The Senate amendment contained a provision (sec. 6210) that would authorize the Secretary of Defense, with the concurrence of the Secretary of State, to provide security assistance of up to \$100.0 million to conduct or support a joint program of the Baltic nations to improve their resilience against and build their capacity to deter aggression by the Russian Federation.

The House bill contained no similar provision.

The House recedes with an amendment that would clarify the authority under this section by limiting it to the conduct or support of a single joint program; defining appropriate defense articles or services; and specifying the available source of funding as Operation and Maintenance, Defense-wide. The amendment would also require the Secretary to submit notice of specified information before initiating activities under the joint program. The authority under this section would terminate on December 31, 2020.

*Restriction on funding for the Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (sec. 1279E)*

The House bill contained a provision (sec. 1270A) that would state as U.S. policy that United Nations Security Council Resolution 2310 (September 23, 2016) does not obligate the United States to refrain from actions that would run counter to the Comprehensive Nuclear Test-Ban Treaty (CTBT). It would also prohibit the provision of U.S. funds to the Preparatory

Commission for the Comprehensive Nuclear Test-Ban Treaty Organization, with an exception for funds provided for the International Monitoring System (IMS).

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would clarify that the exception would also apply to funds used solely for the analysis and dissemination of data collected through IMS.

The conferees believe that, because the United States has not ratified the CTBT in accordance with Article II, section 2, of the U.S. Constitution, and, following the rejection of the Resolution of Ratification in 1999 by the Senate, it is wholly inappropriate for U.S. funds to support activities of the Preparatory Commission that include advocating for ratification of the treaty or otherwise preparing for the treaty's possible entry into force. The conferees urge the Secretary of State to clearly convey the intent of this Act when making any funds available to the Preparatory Commission.

*Clarification of authority to support border security operations of certain foreign countries (sec. 1279F)*

The Senate amendment contained a provision in Division F (sec. 11206) that would amend section 1226(b) of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114-92), as most recently amended by section 1294 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328), by striking "such fiscal year" in both places where it appears.

The House bill contained no similar provision.

The House recesses.

## **LEGISLATIVE PROVISIONS NOT ADOPTED**

*Sense of Congress on cybersecurity cooperation with Ukraine*

The House bill contained a provision (sec. 1076) that would express the sense of the Congress that the United States reaffirms support for the sovereignty and territorial integrity of Ukraine, and that the United States should assist Ukraine in improving its cybersecurity capabilities.

The Senate amendment contained a similar provision (sec. 11201).

Neither provision was adopted.

The conferees reaffirm the support of the United States for the sovereignty and territorial integrity of Ukraine in the face of continued Russian aggression. The conferees also note the concerning history of cyberattacks in Ukraine, including a

significant Russian attack on its power grid in December 2015. The conferees believe the United States should assist Ukraine in improving its cybersecurity capabilities.

*Extension of Commanders' Emergency Response Program and related authorities*

The Senate amendment contained a provision (sec. 1211) that would extend through December 31, 2019 the Commanders' Emergency Response Program in Afghanistan under section 1201 of the National Defense Authorization Act for Fiscal Year 2012 (Public Law 112-81) as amended by the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The House bill contained no similar provision.

The Senate recesses.

The conferees note that the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) authorized the Commanders' Emergency Response Program in Afghanistan through December 31, 2018. The conferees encourage the Department of Defense to engage with the congressional defense committees about the future of the Commanders' Emergency Response Program in Afghanistan.

*Report on United States strategy in Afghanistan*

The House bill contained a provision (sec. 1212) that would require the Secretary of Defense, in coordination with the Secretary of State, to submit a report to the appropriate congressional committees that would describe the United States strategy in Afghanistan.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note the importance of receiving timely, detailed information on the U.S. military effort in Afghanistan. The conferees direct the Secretary of Defense, in coordination with the Secretary of State, to provide a report on the Afghanistan strategy no later than February 15, 2018. The report should include a description of U.S. security interests and objectives; the current and planned military efforts to support such objectives; the anticipated timeline necessary to achieve such objectives; a description of the projected long-term U.S. military role in Afghanistan; an analysis of the risk to force, including green on blue attacks, and the efforts to mitigate such risks; an accounting of the costs associated with accomplishing the security objectives over the projected timeline; a description of the interests, objectives, and activities of other regional actors in Afghanistan, including



Russia, Iran, Pakistan, China, India, and any other country the Secretary believes to be influencing Afghanistan's stability and security.

*Sense of Congress relating to Dr. Shakil Afridi*

The House bill contained a provision (sec. 1214) that would state that it is the sense of Congress that Dr. Shakil Afridi is an international hero and that the Government of Pakistan should release him immediately from prison.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees note the contributions of Dr. Afridi to efforts to locate Osama bin Laden, remain concerned about Dr. Afridi's continuing incarceration, and urge the Government of Pakistan to release him immediately.

*Sense of Congress regarding the Afghan special immigrant visa program*

The Senate amendment contained a provision (sec. 1216) that would express the sense of Congress that an additional 4,000 visas should be made available for principal aliens who are eligible for special immigrant status under the Afghan Allies Protection Act of 2009 (8 U.S.C. 1101 note) to prevent harm to the operations of the United States Government in Afghanistan.

The House bill contained no similar provision.  
The Senate recesses.

The conferees believe the special immigrant visa program continues to be critical for the U.S. Government's operations in Afghanistan. The conferees note that special immigrant visas for Afghan allies are addressed elsewhere in this report.

*Report on impact of humanitarian crisis on achievement of United States security objectives in Syria*

The House bill contained a provision (sec. 1221A) that would require the Secretary of Defense, in coordination with the Secretary of State, to submit a report on the impact of the humanitarian crisis in Syria on the achievement of the goals of the United States in the broader region.

The Senate amendment contained no similar provisions.  
The House recesses.

The conferees note that requirements for a report on the impact of the humanitarian situation in Syria on United States objectives have been incorporated elsewhere in this Act as part

of a provision requiring the President to submit a report on the strategy of the United States in Syria to appropriate congressional committees.

*Sense of Congress on threats posed by the Government of Iran*

The House bill contained a provision (sec. 1224) that expressed the sense of Congress that the United States should counter the expansion of the malign activities of the Government of Iran.

The Senate contained no similar provision.

The House recesses.

The conferees urge the Secretary of Defense to apply appropriate attention and resources to countering the Government of Iran's malign activities, including by maintaining a robust U.S. military presence forward deployed in the United States Central Command area of responsibility, supporting regional ballistic missile defense capabilities and cooperation, countering Iranian efforts to illicitly proliferate weapons, and ensuring freedom of navigation.

*Report on merits of an Incidents at Sea agreement between the United States, Iran, and certain other countries*

The House bill contained a provision (sec. 1225) that would require the Secretary of Defense, in coordination with the Secretary of State, to submit to the appropriate congressional committees a report assessing the relative merits of a multilateral or bilateral Incidents at Sea Military-to-Military Agreement between the United States and other countries operating in the Persian Gulf.

The Senate amendment contained no such provision.

The House recesses.

The conferees direct the Secretary of Defense to submit a report to the Committees on Armed Services of the Senate and the House of Representatives, no later than February 15, 2018, on the feasibility and advisability of establishing military-to-military channels of communication with Iran and other countries operating in the Persian Gulf, the Gulf of Oman, and neighboring maritime environments for the purposes of preventing accidental conflict. The report shall contain an evaluation of strategic interests in the region and a description of past and current U.S. procedures for addressing unexpected encounters at sea. The required report shall be submitted in unclassified form, but it may contain a classified annex.

*Report on steps and protocols related to the rescue, care, and treatment of captives of the Islamic State*

The House bill contained a provision (sec. 1227) that would require the Secretary of Defense to submit a report to the Congress containing a description of any steps the Department of Defense is taking to ensure coordination between the Armed Forces of the United States and local forces in conducting military operations in regions controlled by the Islamic State where religious or minority groups are known or thought to be held captive. The report would also contain a description of any protocols that will be put in place by the Department of Defense, including protocols developed in coordination with the Government of Iraq, for the care and treatment of religious or minority groups rescued from captivity under the Islamic State, including any protocol for relocating such groups of captives to safe locations.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees direct the Secretary of Defense not later than 60 days after the date of enactment of this Act to submit to Congress a report that describes any steps the Department of Defense is taking to ensure coordination between the Armed Forces of the United States and local forces operating in areas controlled by the Islamic State related to the rescue, care, and treatment of religious or minority groups known or thought to be held captive by the Islamic State, to include relocating such groups of captives to safe locations. Additionally, the report shall provide a description of any protocols that will be put in place by the Department of Defense, including protocols developed in coordination with the Government of Iraq, for the care and treatment of religious or minority groups rescued from captivity under the Islamic State, including any protocol for relocating such groups of captives to safe locations. The required report shall be delivered in unclassified form, but it may include a classified annex.

*Report on use by the Government of Iran of commercial aircraft and related services for illicit activities*

The House bill contained a provision (sec. 1229) that would require the President to submit to the appropriate congressional committees a report on the Government of Iran's use of commercial aircraft for illicit activities.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees note that a provision is included elsewhere in this Act that would require an annual report on the information referenced in the House provision.

#### *Strategy for Syria and Iraq*

The House bill contained a provision (sec. 1230A) that would require the Secretary of Defense, in coordination with the Secretary of State, to submit to appropriate congressional committees a strategy for Iraq and Syria.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees direct the Secretary of Defense, in coordination with the Secretary of State to submit to the Committee on Foreign Affairs and the Committee on Armed Services of the House of Representatives and the Committee on Foreign Relations and the Committee on Armed Services of the Senate a report on the United States strategy in Iraq. The report shall include the following elements: a description of the political and military objectives and end states inherent to the strategy; a description of the plan for achieving those objectives and end states, including a plan for facilitating political reform and reconciliation among ethnic groups and political parties in Iraq; an assessment of the future force structures, capacities, and capability requirements of the Iraqi Security Forces (to include all forces with a national security mission); a description of the roles and responsibilities of United States allies and partners and other countries in the region in establishing regional stability; a description of the military conditions that must be satisfied for the Islamic State of Iraq and Syria to be considered defeated; and an assessment of the extent to which U.S. military presence in Iraq would be necessary to support the strategy, including the size, roles, and missions associated with any such presence. The required report shall be submitted in unclassified form, but it may contain a classified annex.

The conferees note that a provision is included elsewhere in this Act that would require the President to submit a report on the strategy of the United States in Syria with reference to elements specific to Syria in the House provision.

#### *Sense of Congress on support for Georgia*

The House bill contained a provision (sec. 1237) that would express the sense of Congress on support for Georgia's sovereignty and territorial integrity as well as support for continued cooperation between the United States and Georgia.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees note that U.S. support for allies and partners in Europe is addressed elsewhere in this report.

*Sense of Congress on support for Estonia, Latvia, and Lithuania*

The House bill contained a provision (sec. 1238) that would express the sense of Congress on support for the Republic of Estonia, the Republic of Latvia, and the Republic of Lithuania, including support for their sovereignty.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees note that U.S. support for allies and partners in Europe is addressed elsewhere in this report.

*Russian aggression and the security environment in Europe*

The Senate amendment contained nine provisions (sec. 1243 - sec. 1250 and sec. 6207) relating to Russian aggression and the security environment in Europe.

The House bill contained no similar provisions.  
The Senate recesses.

The conferees note that the content of these provisions is addressed elsewhere in this report.

*Limitation on availability of funds to extend the implementation of the New START Treaty*

The House bill contained a provision (sec. 1246) that would prohibit the obligation or expenditure of any funds authorized to be appropriated or otherwise made available for the Department of Defense for fiscal year 2018 to extend the implementation of the New START Treaty unless the President certifies that the Russian Federation has verifiably eliminated all missiles that are in violation of or may be inconsistent with the Intermediate-Range Nuclear Forces (INF) Treaty.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees are frustrated with the continued Russian violation of the INF Treaty, as described in detail elsewhere in this Act, as well as the failure of diplomatic efforts to bring them back into compliance so far. While the Russian Federation appears to be moving toward compliance with the limits laid out by the New START Treaty, the Russian Federation cannot be allowed to comply only with treaties that suit its interests and violate those that do not. Treaties are not negotiated and

ratified independently but in the context of the range of arms control agreements in force. The testimony of General Paul Selva, Vice Chairman of the Joint Chiefs of Staff, at a March 8, 2017, House Armed Services Committee hearing corroborates this: "I anticipate Russia's violation of its international commitments such as the INF Treaty will be a consideration in any future arms control discussion." As the expiration date of the New START Treaty approaches, the conferees urge the President and the members of the National Security Council to carefully consider whether extending the treaty, if Russia is still in violation of the INF Treaty, is in the national interest of the United States.

Furthermore, the conferees note that since entry-into-force of the treaty, the United States has decreased its deployed launchers by over 222 and its deployed warheads by 407. During this period, the Russian Federation increased its launcher count to the limit permitted by the treaty. The conferees are concerned that the Russian Federation may maintain the capability to rapidly exceed the levels laid out by New START once the February 2018 implementation date is reached. The conferees also note that the treaty places no limits on non-strategic nuclear weapons, which may be an area of enduring Russian advantage.

Finally, the conferees remind the President of the commitment made by his predecessor, President Obama: "I recognize that nuclear modernization requires investment for the long-term. . . . That is my commitment to the Congress—that my administration will pursue these programs and capabilities for as long as I am President." This commitment was explicitly laid out in the certification that President Obama made to the U.S. Senate on February 2, 2011, as a condition of the treaty's entry-into-force, to modernize U.S. nuclear forces, including "a heavy bomber and air-launched cruise missile, an ICBM, and a nuclear-powered ballistic missile submarine (SSBN) and SLBM," as well as facilities of the National Nuclear Security Administration where uranium and plutonium are processed. The conferees are also aware that, because the Budget Control Act of 2011 (Public Law 112-25) capped overall base national security spending, the repeated statements by the Nation's most senior civilian and military leaders regarding the priority attached to the nuclear deterrent mission are critical. For example, Secretary of Defense Chuck Hagel stated in his November 2014, Message to the Force: "Our nuclear deterrent plays a critical role in assuring U.S. national security, and it is DoD's highest priority mission. No other capability we have is more important." Further, Secretary of Defense Ash Carter stated at the Air Force Association conference in September 2015: "The

nuclear deterrent is a must-have, you really need to start there. ... [I]t is the foundation. It's the bedrock and it needs to remain healthy and we all know that we need to make additional investments."

The conferees urge the President to continue to fund and execute nuclear weapons modernization programs in a timely and cost-effective manner.

#### *Short title*

The House bill contained a provision (sec. 1251) that would provide a short title for subtitle F of the House bill.

The Senate amendment contained no similar provision.

The House recesses.

#### *Sense of Congress on the importance of the North Atlantic Treaty Organization Intelligence Fusion Center*

The Senate amendment contained a provision (sec. 1251) that would express the sense of Congress that the collocation of the North Atlantic Treaty Organization (NATO) Intelligence Fusion Center with U.S. European Command's Joint Intelligence Analysis Complex provides the optimal solution to intelligence and operational requirements, fosters critical diplomatic relationships, and is the most efficient configuration of the intelligence enterprise.

The House bill contained no similar provision.

The Senate recesses.

#### *Findings and sense of Congress*

The House bill contained a provision (sec. 1252) that would make findings and express the sense of Congress on the current security environment in Europe, Russia's aggressive and destabilizing behavior, the European Deterrence Initiative, and U.S. support for allies and partners in Europe.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that issues concerning the current security environment in Europe, Russia's aggressive and destabilizing behavior, the European Deterrence Initiative, and U.S. support for allies and partners in Europe are addressed elsewhere in this report.

#### *Strategy to increase conventional precision strike weapon stockpiles in the United States European Command's areas of responsibility*

The House bill contained a provision (sec. 1254) that would require the Secretary of Defense, in coordination with the Secretary of State, to develop and implement a strategy to increase conventional precision strike weapon stockpiles in the United States European Command's area of responsibility.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that conventional precision strike weapon stockpiles in the United States European Command's area of responsibility are addressed elsewhere in this report.

#### *Plan to counter the military capabilities of the Russian Federation*

The House bill contained a provision (sec. 1255) that would require the Secretary of Defense to develop and implement a strategy to counter the military capabilities of the Russian Federation.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the military capabilities of the Russian Federation are addressed elsewhere in this report.

#### *Sense of Congress on enhancing maritime capabilities*

The House bill contained a provision (sec. 1257) that would express the sense of Congress on enhancing maritime capabilities.

The Senate amendment contained no similar provision.

The House recesses.

The conferees direct the Secretary of the Navy to submit a report to the congressional defense committees not later than April 1, 2018 on the options to extend the service lives of *Los Angeles*-class submarines to mitigate the shortfall of fast attack submarines, which reaches a nadir of 41 boats in fiscal year 2029, despite a 2016 Navy Force Structure Assessment requirement for 66 boats. For the 2020 to 2040 timeframe, this report shall include the following: (1) threat environments in which *Los Angeles*-class submarines are projected to remain operationally relevant; (2) specific *Los Angeles*-class submarines that could receive service life extensions; (3) notional cost and schedule estimates for *Los Angeles*-class submarine service life extensions; (4) public or private shipyard availability to accomplish such service life extensions; and (5) an assessment by the Secretary on the merits of implementing such options.



*Plan to reduce the risks of miscalculation and unintended consequences that could precipitate a nuclear war*

The House bill contained a provision (sec. 1258) that would require the Secretary of Defense to submit a plan to the congressional defense committees that includes options to reduce the risk of miscalculation and unintended consequences associated with Russian nuclear doctrine.

The Senate amendment contained no similar provision.

The House recedes.

The conferees remain concerned that the Russian Federation has adopted a dangerous nuclear strategy that includes the plan to escalate to de-escalate, which could lower the threshold for Russian use of nuclear weapons in a regional conflict. Such a strategy could exacerbate the risks of miscalculation and unintended consequences that could precipitate a full-scale nuclear war. Therefore, the conferees direct the Secretary of Defense, in coordination with the Chairman of the Joint Chiefs of Staff, the Commander of the United States Strategic Command, and the Commander of the United States European Command, to submit to the congressional defense committees not later than March 1, 2018, a plan that includes options, including but not limited to military-to-military dialogue, to reduce the risk of miscalculation and unintended consequences that could inadvertently lead to a nuclear war. More generally, the conferees believe that military-to-military communication with adversaries can be a valuable tool to prevent inadvertent escalation and miscalculation during a crisis. The conferees encourage the Secretary to use such dialogue, among other tools, to reduce the risks of nuclear conflict with the Russian Federation, the People's Republic of China, and the Democratic People's Republic of Korea. The conferees note the section in title 12 of this Act that extends the prohibition on military-to-military cooperation with the Russian Federation but do not construe military-to-military discussions on reducing the risks of miscalculations that could lead to a nuclear war as such prohibited cooperation.

*Definitions*

The House bill contained a provision (sec. 1259) that would provide definitions for subtitle F of the House bill.

The Senate amendment contained no similar provision.

The House recedes.

*Expansion of military-to-military engagement with the Government of Burma*

The Senate amendment contained a provision (sec. 1262) that would amend section 1253 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291) to remove certain restrictions on military-to-military engagement with Burma.

The Senate amendment also contained a provision (sec. 6217) that would remove force and effect from section 1262.

The Senate recesses.

The conferees condemn the horrific acts of violence being committed against the Rohingya ethnic minority in Burma, and urge the Burmese military to take action immediately to stop this humanitarian crisis.

*Sense of Congress on the importance of the rule of law in the South China Sea*

The Senate amendment contained a provision (sec. 1266) that would express the sense of Congress on the importance of maintaining the rule of law in the South China Sea.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that:

(1) the South China Sea is a vitally important waterway for global commerce and for regional security, with almost 30 percent of the maritime trade of the world transiting the South China Sea annually;

(2) the People's Republic of China is undermining regional security and prosperity and challenging international rules and norms by engaging in coercive activities and attempting to limit lawful activities in the South China Sea;

(3) a tribunal determined 'that China had violated the Philippines' sovereign rights in its exclusive economic zone by (a) interfering with Philippine fishing and petroleum exploration, (b) constructing artificial islands and (c) failing to prevent Chinese fishermen from fishing in the zone,' and that 'Chinese law enforcement vessels had unlawfully created a serious risk of collision when they physically obstructed Philippine vessels';

(4) the arbitral tribunal award of July 2016 stated that there is 'no legal basis for China to claim historic rights to resources within the sea areas falling within the nine-dash line'; and

(5) the United States should play a vital role in ensuring freedom of navigation and overflight for all countries by undertaking freedom of navigation operations on a regular and consistent basis, as well as maintaining persistent presence operations in the South China Sea.

*Sense of Congress on freedom of navigation operations in the South China Sea*

The House bill contained a provision (sec. 1267) that would express the sense of Congress that the United States should regularly and routinely conduct freedom of navigation operations in the South China Sea.

The Senate amendment contained a similar provision (sec. 1265) that would declare that it is the policy of the United States to fly, sail, and operate throughout the oceans, seas, and airspace of the world wherever international law allows. The recommended provision would also direct the Secretary of Defense to implement the stated policy by planning and executing routine and regular naval presence missions and freedom of navigation operations throughout the world and throughout the year.

The House recesses.

The Senate recesses.

The conferees note that the United States has a national interest in maintaining freedom of navigation, respect for international law, and unimpeded lawful commerce in the South China Sea; and that ensuring the free access to sea lanes to promote global commerce remains a core security interest of the United States. The conferees also note that the consistent exercise of freedom of navigation operations and overflights by United States naval and air forces throughout the world plays a critical role in safeguarding the freedom of the seas, supporting international law, and ensuring the continued safe passage and promotion of global commerce and trade.

*Sense of Congress on the Association of Southeast Asian Nations*

The House bill contained a provision (sec. 1269) that would provide the sense of Congress in support of the Association of Southeast Asian Nations (ASEAN) on the 50th anniversary of its formation. It would recognize ASEAN efforts to promote peace, stability and prosperity in the region, including the steps taken to highlight the importance of peaceful dispute resolution and the need for adherence to international rules and standards. Finally, the section would state that ASEAN and the ASEAN Defense Ministers Meeting Plus should continue to be forums to discuss shared challenges in the maritime domain and for greater information sharing.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that:

(1) the United States supports the development of regional institutions and bodies, including the ASEAN Regional Forum, the

ASEAN Defense Ministers Meeting Plus, the East Asia Summit, and the expanded ASEAN Maritime Forum, to increase regional cooperation and ensure that disputes are managed without intimidation, coercion, or force;

(2) the United States recognizes ASEAN efforts to promote peace, stability, and prosperity in the region, including the steps taken to highlight the importance of peaceful dispute resolution and the need for adherence to international rules and standards.

(3) United States defense engagement with ASEAN and the ASEAN Defense Ministers Meeting Plus should continue to be forums to discuss shared challenges and the need for greater information sharing among ASEAN nations; and

(4) the United States welcomes continued work with ASEAN and other regional partners to establish more reliable and routine crisis communication mechanisms.

*Sense of Congress on reaffirming the importance of the United States-Australia defense alliance*

The House bill contained a provision (sec. 1270) that would provide the sense of Congress on the strength of United States-Australia relations. It recognizes that the United States and the Commonwealth of Australia maintain a critical strategic relationship underpinned by shared democratic values, common interests, and close defense ties.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that:

(1) the United States values its alliance with Australia, and the shared values and interests between both countries are essential to promoting peace, security, stability, and economic prosperity in the Indo-Asia-Pacific region;

(2) the annual rotations of United States Marine Corps forces to Darwin, Australia and enhanced rotations of United States Air Force aircraft to Australia pave the way for even closer defense and security cooperation;

(3) the Treaty Between the Government of the United States of America and the Government of Australia Concerning Defense Trade Cooperation, done at Sydney, September 5, 2007, should continue to facilitate industry collaboration and innovation to meet shared security challenges and reinforce military ties;

(4) as described by Australian Prime Minister Malcolm Turnbull, North Korea is 'a threat to the peace of the region' and the United States and Australia should continue to cooperate to defend against the threat of North Korea's nuclear and missile capabilities; and

(5) the United States and Australia should continue to address the threat of terrorism and strengthen information sharing.

*NATO Cooperative Cyber Defense Center of Excellence*

The House bill contained a provision (sec. 1271) that would authorize up to \$5.0 million for fiscal year 2018 for the purposes of establishing the NATO Cooperative Cyber Center of Excellence, and would direct the Secretary of Defense to assign executive agent responsibilities to an appropriate organization within the Department of Defense.

The Senate amendment contained no similar provision.

The House recesses.

The conferees strongly support the efforts of the NATO Cooperative Cyber Defense Center of Excellence (CCDCOE) and encourage the Department of Defense to collaborate fully with the Center. The conferees note that the CCDCOE can play a unique role by increasing and improving cyber cooperation, joint exercises, and policy development within NATO. The conferees urge the Department of Defense to work with the interagency and the CCDCOE to improve NATO's ability to counter and mitigate the threat of malign influence by the Russian Federation in cyberspace. Therefore, the conferees direct the Secretary of Defense to brief the defense committees within 90-days of enactment of this Act on ways to improve cyber capabilities within NATO, including enhancing the capacity of and coordination with the CCDCOE.

*NATO Strategic Communications Center of Excellence*

The House bill contained a provision (sec. 1272) that would authorize up to \$5.0 million for fiscal year 2018 for the purposes of establishing the NATO Strategic Communications Center of Excellence, and would direct the Secretary of Defense to assign executive agent responsibilities to an appropriate organization within the Department of Defense.

The Senate amendment contained no similar provision.

The House recesses.

The conferees strongly support the efforts of the NATO Strategic Communications Center of Excellence (SCCOE), but remain concerned that the United States is currently not a participating country. By not actively participating, the Department of Defense is unable to shape the long-term agenda for research, exercises, and policy development, and is unable to embed personnel to gain experience or insight that can only be acquired by working side-by-side. The conferees note that the

SSCOE can play a unique role by increasing cooperation for strategic communications within NATO, and provide research that directly addresses the many problems facing U.S. forces operating in the information environment. The conferees urge the Department of Defense to work with the SSCOE and the interagency to improve NATO's ability to counter and mitigate disinformation, active measures, propaganda, and denial and deception activities of the Russian Federation. Therefore, the conferees direct the Secretary of Defense to brief the defense committees within 90-days of enactment of this Act on ways to improve strategic communications within NATO, including enhancing the capacity of and coordination with the NATO Strategic Communications Center of Excellence.

*Report by Defense Intelligence Agency on certain military capabilities of China and Russia*

The House bill contained a provision (sec. 1282) that would require the Director of the Defense Intelligence Agency to submit a report to the Secretary of Defense and appropriate congressional committees on the military capabilities of the People's Republic of China and the Russian Federation.

The Senate amendment contained no similar provision.  
The House recesses.

*Sense of Congress on the North Atlantic Treaty Organization*

The House bill contained a provision (sec. 1283) that would express the sense of Congress that the North Atlantic Treaty Organization (NATO) remains the cornerstone of transatlantic security cooperation and an enduring instrument for promoting stability in Europe.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees note that the role of NATO and support for U.S. allies and partners in Europe are addressed elsewhere in this report.

*Sense of Congress on the export of defense articles to Turkey*

The House bill contained a provision (sec. 1284) that would express the sense of Congress that the proposed sale of semiautomatic handguns for export to Turkey should remain under scrutiny until a satisfactory and appropriate resolution is reached to the violence that took place outside the Turkish Ambassador's residence on May 16, 2017.

The Senate amendment contained no similar provision.

The House recesses.

The conferees condemn the violence that took place outside the Turkish Ambassador's residence on May 16, 2017 and believe the perpetrators should be brought to justice under United States law. The conferees note that violence of this kind negatively impacts security cooperation between the United States and Turkey.

*Sense of Congress on reaffirming strategic partnerships and allies*

The Senate amendment contained a provision (sec. 1284) that would express the sense of Congress that United States allies and partners are critical to defending peace and prosperity throughout the world.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that support for U.S. allies and partners in Europe is addressed elsewhere in this report.

*Sense of Congress on consideration of impact of marine debris in trade agreements*

The Senate amendment contained a provision (sec. 1285) that would express the sense of Congress on consideration of the impact of marine debris in trade agreements.

The House bill contained no similar provision.

The Senate recesses.

The conferees encourage the United States Trade Representative to consider the impact of marine debris, particularly plastic waste, in relevant trade agreements.

*Sense of Congress regarding the Chibok schoolgirls and Boko Haram*

The House bill contained a provision (sec. 1286) that would commend the Secretary of State, Secretary of Defense, and Director of National Intelligence for delivering a report to Congress on a five-year strategy for the United States to employ diplomatic, development, defense, and other tools to assist and enable our African partners to lead the effort to degrade and ultimately defeat Boko Haram, the Islamic State in Iraq and ash Sham - West Africa (ISIS-WA), and any potential splinter or successor groups.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that elsewhere in this Act is a provision that would require the President to submit a comprehensive strategy to support improvements in defense institutions and security sector forces in Nigeria to more effectively address the threat posed by Boko Haram and other security challenges in the region.

*Report on Iran and North Korea nuclear and ballistic missile cooperation*

The House bill contained a provision (sec. 1288) that would require the President, in coordination with the Secretary of Defense, the Secretary of State, and the heads of other relevant agencies, to submit to the appropriate congressional committees a report on cooperation between the Government of Iran and the Government of the Democratic People's Republic of Korea on nuclear programs, ballistic missile development, and the development of conventional, chemical, and biological weapons. The provision would furthermore express the sense of Congress that the ballistic missile programs of Iran and North Korea represent a serious threat to the interests of the United States.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that a provision elsewhere in this Act would amend the annual report on the military power of Iran as required by section 1245 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84) to require additional information on cooperation between Iran, North Korea, and other nations on any nuclear, ballistic missile, biological and chemical, and advanced conventional weapons programs.

*Contingency plans relating to South Sudan*

The House bill contained a provision (sec. 1290) that would require the Secretary of Defense to prepare contingency plans to assist relief organizations in delivery of humanitarian assistance in South Sudan and to engage South Sudan's military to promote efforts to reduce conflicts.

The Senate amendment contained no similar provision.

The House recesses.

*Sense of Congress on the Western Hemisphere region*

The House bill contained a provision (sec. 1294) expressing the sense of Congress on the importance of the



Western Hemisphere region to the national interests of the United States.

The Senate amendment contained no similar provision. The House recesses.

The conferees recognize that the security, stability, and prosperity of the Western Hemisphere region to the national interests of the United States. The conferees also note that it is vital for the United States to maintain the military capability in the region to project power, build partner capacity, deter acts of aggression, and respond, if necessary, to international threats, regional crises, transnational criminal and terrorist organizations, and humanitarian crises. The conferees encourage the Secretary of Defense and Secretary of State to leverage opportunities as appropriate to commit assets to the region to ensure a forward presence in the Western Hemisphere outside of the continental United States; strengthen alliances, partnerships, and regional institutions to address the shared challenges of the trafficking of humans, drugs, and other contraband; promote the rule of law and human rights; and support interagency efforts to protect the homeland.

*Sense of Congress relating to increases in defense capabilities of United States allies*

The House bill contained a provision (sec. 1295) that would express the sense of Congress that the President should encourage members of the North Atlantic Treaty Organization (NATO) to fulfill their commitments to levels and composition of defense expenditures as agreed upon at the NATO 2014 Wales Summit and NATO 2016 Warsaw Summit.

The Senate amendment contained no similar provision. The House recesses.

The conferees note that the role of NATO and support for U.S. allies and partners in Europe are addressed elsewhere in this report.

*Prohibition on use of funds to conduct military operations in Yemen*

The House bill included a provision (sec. 1298) that would prohibit the funds authorized to be appropriated for the Department of Defense for fiscal year 2018 to be available to conduct military operations in Yemen, with the exception of operations carried out in full compliance with the Authorization for Use of Military Force (Public Law 107-40), the provision of

humanitarian assistance, the defense of United States Armed Forces, and support for freedom of navigation operations.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the United States military should have flexibility to respond to the range of threats emanating from Yemen but should continue to refrain from entering into the Yemeni civil war as a co-belligerent. The conferees note with concern the severe humanitarian impact of the civil war in Yemen upon its citizens and call on all sides to work toward a sustainable political solution.

*Annual report on attempts of the Russian Federation to provide disinformation and propaganda to members of the Armed Forces by social media*

The Senate amendment contained a provision (sec. 6212) that would require the Secretary of Defense to submit a report to the congressional defense committees a report on attempts of the Russian Federation to provide disinformation and propaganda to members of the Armed Forces by social media.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that attempts of the Russian Federation to provide disinformation and propaganda to members of the Armed Forces by social media are addressed elsewhere in this report.

*Support of European Deterrence Initiative to deter Russian aggression*

The Senate amendment contained a provision (sec. 6213) that would express the sense of Congress that the United States should demonstrate its resolve and ability to meet its commitments under Article 5 of the North Atlantic Treaty through appropriate military exercises with an emphasis on participation of United States forces based in the continental United States and testing strategic and operational logistics and transportation capabilities. The provision would also require the Secretary of Defense to submit to the congressional defense committees a report, which would include an analysis of the challenges to the ability of the United States to flow significant forces from the continental United States to the European theater in the event of a major contingency and a description of the Department of Defense's plans, including military exercises to address such challenges.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that challenges to the ability of the United States to flow significant forces from the continental United States to the European theater in the event of a major contingency are addressed elsewhere in this report.

#### *Sense of Congress on the European Deterrence Initiative*

The Senate amendment contained a provision (sec. 6214) that would express the sense of Congress that the European Deterrence Initiative will bolster efforts to deter further Russian aggression and that funds for this initiative should be authorized and appropriated in the base budget of the Department of Defense.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that the European Deterrence Initiative and support for U.S. allies and partners in Europe are addressed elsewhere in this report.

#### *Enhancement of Ukraine Security Assistance Initiative*

The Senate amendment contained a provision (sec. 6215) that would amend section 1250 of the National Defense Authorization Act for Fiscal Year 2016 (PL 114-92) to include additional categories of appropriate security assistance and intelligence support under the Ukraine Security Assistance Initiative.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that additional categories of appropriate security assistance and intelligence support under the Ukraine Security Assistance Initiative are addressed elsewhere in this report.

#### *Report on the capabilities and activities of the Islamic State of Iraq and Syria and other violent extremist groups in Southeast Asia*

The Senate amendment contained a provision (sec. 11204) that would require the Secretary of Defense to submit to the appropriate committees of Congress a report setting forth an assessment of the current and future capabilities and activities of the Islamic State of Iraq and Syria (ISIS) and other violent extremist groups in Southeast Asia, not later than 180 days after the date of enactment of this Act.

The House bill contained no similar provision.

The Senate recesses.

*Sense of Congress on the Islamic State of Iraq and Syria*

The Senate amendment contained a provision in Division F (sec. 11205) that would express the sense of Congress that the Islamic State of Iraq and Syria (ISIS) poses an acute threat to the people and Government of Iraq.

The House contained no similar provision.

The Senate recesses.

The conferees note that language elsewhere in the conference report accompanying this Act expresses the concerns specific to this provision regarding the continued threat posed by ISIS.

## **TITLE XIII—COOPERATIVE THREAT REDUCTION**

*Specification of Cooperative Threat Reduction funds (sec. 1301)*

The House bill contained a provision (sec. 1301) that would specify that funds authorized to be appropriated to the Department of Defense for the Cooperative Threat Reduction Program established under the Department of Defense Cooperative Threat Reduction Act (50 U.S.C. 3711) would be available for obligation in fiscal years 2018, 2019, and 2020.

The Senate amendment contained an identical provision (sec. 1301).

The conference agreement includes this provision.

*Funding allocations (sec. 1302)*

The House bill contained a provision (sec. 1302) that would allocate specific funding amounts for each program under the Department of Defense Cooperative Threat Reduction (CTR) Program from within the overall \$324.6 million that the Congress would authorize for the CTR Program. The allocation under this provision reflects the amount of the budget request for fiscal year 2018.

The Senate amendment contained a similar provision. (sec. 1302).

The Senate recesses.

## **TITLE XIV—OTHER AUTHORIZATIONS**

### **SUBTITLE A—MILITARY PROGRAMS**

*Working Capital Funds (sec. 1401)*

The House bill contained a provision (sec. 1401) that would authorize appropriations for Defense Working Capital Funds at the levels identified in section 4501 of division D of this Act.

The Senate amendment contained an identical provision (sec. 1401).

The conference agreement includes this provision.

*Chemical agents and munitions destruction, Defense (sec. 1402)*

The House bill contained a provision (sec. 1402) that would authorize appropriations for Chemical Agents and Munitions Destruction, Defense at the levels identified in section 4501 of division D of this Act.

The Senate amendment contained an identical provision (sec. 1402).

The conference agreement includes this provision.

*Drug interdiction and counter-drug activities Defense-wide (sec. 1403)*

The House bill contained a provision (sec. 1403) that would authorize appropriations for Drug Interdiction and Counter-Drug Activities, Defense-Wide at the levels identified in section 4501 of division D of this Act.

The Senate amendment contained an identical provision (sec. 1403).

The conference agreement includes this provision.

*Defense Inspector General (sec. 1404)*

The House bill contained a provision (sec. 1404) that would authorize appropriations for the Office of the Inspector General at the levels identified in section 4501 of division D of this Act.

The Senate amendment contained an identical provision (sec. 1404).

The conference agreement includes this provision.

*Defense Health Program (sec. 1405)*

The House bill contained a provision (sec. 1405) that would authorize appropriations for the Defense Health Program at the levels identified in section 4501 of division D of this Act.

The Senate amendment contained an identical provision (sec. 1405).

The conference agreement includes this provision.

*National Defense Sealift Fund (sec. 1406)*

The House bill contained a provision (sec. 1406) that would authorize appropriations for the National Defense Sealift Fund.

The Senate amendment contained no similar provision.  
The Senate recedes.

## **SUBTITLE B—OTHER MATTERS**

*Authority for transfer of funds to joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund for Captain James A. Lovell Health Care Center, Illinois (sec. 1411)*

The House bill contained a provision (sec. 1411) that would authorize the Secretary of Defense to transfer \$115.5 million from the Defense Health Program to the Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund, created by section 1704 of the National Defense Authorization Act for Fiscal Year 2010 (Public Law 111-84) for the operations of the Captain James A. Lovell Federal Health Care Center.

The Senate amendment contained an identical provision (sec. 1441).

The conference agreement includes this provision.

*Authorization of appropriations for Armed Forces Retirement Home (sec. 1412)*

The House bill contained a provision (sec. 1412) that would authorize an appropriation of \$64.3 million from the Armed Forces Retirement Home Trust Fund for fiscal year 2018 for the operation of the Armed Forces Retirement Home.

The Senate amendment contained an identical provision (sec. 1431).

The conference agreement includes this provision.

*Armed Forces Retirement Home matters (sec. 1413)*

The Senate amendment contained a provision (sec. 1432) that would amend sections 1513A, 1517(e)(2), and 1518 of the Armed Forces Retirement Home (AFRH) Act of 1991 (24 U.S.C. 413a, 417(e)(2), and 418 respectively) to transfer oversight responsibilities of the AFRH from the Undersecretary of Defense for Personnel and Readiness to the Secretary of Defense.

Additionally, the provision would amend section 1516 of such Act (24 U.S.C. 416) to provide the Department more flexibility in selecting members of the Advisory Council of the AFRH. Finally, the provision would amend section 1517(b) of such Act (24 U.S.C. 417(b)) to clarify that the administrator of the AFRH serves at the pleasure of the Secretary of Defense.

The House bill contained no similar provision.

The House recesses.

*Authority to dispose of certain materials from and to acquire additional materials for the National Defense Stockpile (sec. 1414)*

The Senate amendment contained a provision (sec. 1411) that would authorize the National Defense Stockpile Manager to dispose of up to \$9.0 million of excess materials in order to acquire two new materials and rare earth elements that have been identified by the Department of Defense as essential to meet military requirements.

The House bill contained no similar provision.

The House recesses.

*Acquisition reporting on major chemical demilitarization programs of the Department of Defense (sec. 1415)*

The Senate amendment contained a provision (sec. 1421) that would require the Department of Defense's major chemical demilitarization programs to report separately under the Acquisition Category 1 (ACAT 1) system in order to enhance transparency.

The House bill contained no similar provision.

The House recesses.

## **TITLE XV—AUTHORIZATION OF ADDITIONAL APPROPRIATIONS FOR OVERSEAS CONTINGENCY OPERATIONS**

### **SUBTITLE A—AUTHORIZATION OF APPROPRIATIONS**

*Purpose and treatment of certain authorizations of appropriations (sec. 1501)*

The House bill contained a provision (sec. 1501) that would establish the purpose of this title and make authorization

of appropriations available upon enactment of this Act for the Department of Defense, in addition to amounts otherwise authorized in this Act, to provide for additional costs due to Overseas Contingency Operations and other additional funding requirements.

The Senate amendment contained a similar provision (sec. 1501).

The Senate recesses with an amendment to strike references to funding tables in sections 4103, 4203, 4303, and 4403.

*Overseas contingency operations (sec. 1502)*

The Senate amendment contained a provision (sec. 1502) that would designate authorization of appropriations in this section as overseas contingency operations as directed in section 251(b)(2)(A)(ii) of the Balanced Budget and Emergency Deficit Control Act of 1985.

The House bill contained no similar provision.  
The House recesses.

*Procurement (sec. 1503)*

The House bill contained a provision (sec. 1502) that would authorize additional appropriations for procurement at the levels identified in section 4102 and 4103 of division D of this Act.

The Senate amendment contained a similar provision (sec. 1503) that would authorize additional appropriations for procurement at the levels identified in section 4102 of division D of this Act.

The House recesses.

*Research, development, test, and evaluation (sec. 1504)*

The House bill contained a provision (sec. 1503) that would authorize additional appropriations for research, development, test, and evaluation at the levels identified in section 4202 and 4203 of division D of this Act.

The Senate amendment contained a similar provision (sec. 1504) that would authorize additional appropriations for research, development, test, and evaluation at the levels identified in section 4202 of division D of this Act.

The House recesses.

*Operation and maintenance (sec. 1505)*



The House bill contained a provision (sec. 1504) that would authorize additional appropriations for operation and maintenance at the levels identified in section 4302 and 4303 of division D of this Act.

The Senate amendment contained a similar provision (sec. 1505) that would authorize additional appropriations for operation and maintenance at the levels identified in section 4302 of division D of this Act.

The House recesses.

*Military personnel (sec. 1506)*

The House bill contained a provision (sec. 1505) that would authorize additional appropriations for military personnel at the levels identified in section 4402 and 4403 of division D of this Act.

The Senate amendment contained a similar provision (sec. 1506) that would authorize additional appropriations for military personnel at the levels identified in section 4402 of division D of this Act.

The House recesses.

*Working capital funds (sec. 1507)*

The House bill contained a provision (sec. 1506) that would authorize additional appropriations for Defense Working Capital Funds at the levels identified in section 4502 of division D of this Act.

The Senate amendment contained an identical provision (sec. 1507).

The conference agreement includes this provision.

*Drug Interdiction and Counter-Drug Activities, Defense-wide (sec. 1508)*

The House bill contained a provision (sec. 1507) that would authorize the additional appropriations for the Drug Interdiction and Counter-Drug Activities, Defense-wide at the levels identified in section 4502 of division D of this Act.

The Senate amendment contained an identical provision (sec. 1508).

The conference agreement includes this provision.

*Defense Inspector General (sec. 1509)*

The House bill contained a provision (sec. 1508) that would authorize additional appropriations for the Office of the

Inspector General at the levels identified in section 4502 of division D of this Act.

The Senate amendment contained an identical provision (sec. 1509).

The conference agreement includes this provision.

*Defense Health Program (sec. 1510)*

The House bill contained a provision (sec. 1509) that would authorize additional appropriations for the Defense Health Program at the levels identified in section 4502 of division D of this Act.

The Senate amendment contained an identical provision (sec. 1510).

The conference agreement includes this provision.

## **SUBTITLE B—FINANCIAL MATTERS**

*Treatment as additional authorizations (sec. 1511)*

The House bill contained a provision (sec. 1511) that would state that amounts authorized to be appropriated by this title are in addition to amounts otherwise authorized to be appropriated by this Act.

The Senate amendment contained an identical provision (sec. 1521).

The conference agreement includes this provision.

*Special transfer authority (sec. 1512)*

The House bill contained a provision (sec. 1512) that authorize the transfer of up to \$2.5 billion of additional war-related funding authorizations in this title among the accounts in this title.

The Senate amendment contained a similar provision (sec. 1522) that would authorize the transfer of up to \$3.5 billion.

The House recesses with an amendment that would authorize the transfer of up to \$2.5 billion.

## **SUBTITLE C—LIMITATIONS, REPORTS, AND OTHER MATTERS**

*Afghanistan Security Forces Fund (sec. 1521)*

The Senate amendment contained a provision (sec. 1531) that would require that amounts authorized for the Afghanistan Security Forces Fund (ASFF) for fiscal year 2018 continue to be subject to the conditions specified in subsections (b) through (g) of section 1513 of the National Defense Authorization Act for Fiscal Year 2008 (Public Law 110-181), as amended. The provision would extend the authority under subsection 1532(b) of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291) to accept certain equipment procured using the ASFF and to treat such equipment as Department of Defense stocks. The provision would also extend the goal of using \$25.0 million to support, to the extent practicable, the efforts of the Government of Afghanistan to promote the recruitment, training, and integration of Afghan women into the Afghan National Defense and Security Forces and as security personnel for future elections. The provision would also require that products published or issued by an inspector general relating to the oversight of the ASFF be prepared in accordance with certain quality standards.

The House bill contained a similar provision (sec. 1521).

The House recesses with an amendment that would establish a goal of using \$41.0 million to support the efforts of the Government of Afghanistan to promote the recruitment, training, and integration of Afghan women into the Afghan National Defense and Security Forces. The amendment would also require an assessment of Afghan progress toward meeting shared security objectives and would allow the Secretary of Defense, in coordination with the Secretary of State, to withhold assistance for the Afghan National Defense and Security Forces if the determination is made that progress has been insufficient.

#### *Joint Improvised-Threat Defeat Fund (sec. 1522)*

The House bill contained a provision (sec. 1522) that would amend subsections (b) and (c) of section 1514 of the John Warner National Defense Authorization Act for Fiscal Year 2009 (Public Law 109-364) to extend the use and transfer authority for the Joint Improvised-Threat Defeat Fund through fiscal year 2018. This section would also extend the authority for interdiction of improvised explosive device precursor chemicals to December 31, 2018.

The Senate amendment contained no similar provision.

The Senate recesses.

#### *Comptroller General report on feasibility of separation of expenditures (sec. 1523)*

The House bill contained a provision (sec. 1523) that would require the Director of Office of Management and Budget and the Secretary of Defense to establish separate accounts for the expenditure of overseas contingency operations.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Comptroller General to submit a report on the feasibility of separating expenditures of amounts appropriated for overseas contingency operations for the Department of Defense and Department of Treasury.

*Guidelines for budget items to be covered by overseas contingency operations accounts (sec. 1524)*

The House bill contained a provision (sec. 1524) that would require the Secretary of Defense update the guidelines regarding the budget items that may be covered by overseas contingency operations accounts consistent with recommendations included in a GAO report entitled "Overseas Contingency Operations: OMB and DOD Should Revise the Criteria for Determining Eligible Costs and Identify the Costs Likely to Endure Long Term."

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would extend the deadline to 270 days from 180 days and strikes the reference to the above GAO report.

**LEGISLATIVE PROVISIONS NOT ADOPTED**

*Enhancement of database of emergency response capabilities of the Department of Defense*

The Senate amendment contained a provision (sec. 1442) that would amend section 1406 of the John Warner National Defense Authorization Act for Fiscal Year 2007 (Public Law 109-364; 120 Stat. 2436; 10 U.S.C. 113 note) to enhance the database of emergency response capabilities of the Department of Defense by adding the requirement to track the cyber capabilities of the National Guard and Reserve in the requirement to capture emergency response capabilities that the Department of Defense may be able to provide in support of the National Response Plan's Emergency Support Function. The Department of Defense would also be required to establish, maintain, and keep current the database at least once every 2 years.

The House bill contained no similar provision.

The Senate recedes.

The conferees are aware the Department has worked with its Federal and State partners to identify and document defense capabilities that may be needed in domestic emergencies. However, the conferees believe it is imperative for the Department to have comprehensive visibility on the cyber talent and cyber capabilities available in both the Active and Reserve Components in order to further develop and resource such capability needs for domestic response and other mission areas.

The conferees note the Department of the Army's talent management programs, including the Cyber Warrior Database (CWARD). CWARD is intended to capture relevant expertise, knowledge, skills, and abilities within the Army Cyber community in order to enable effective mission planning and human resource management. The conferees support this effort and encourage widespread adoption of common cyber talent and capability management tools among the service components.

The conferees direct the Secretary of Defense to brief the congressional defense committees, not later than 60 days after enactment of this act, on the process used to track Department of Defense capabilities applicable to domestic emergency response. The briefing shall include information determining if and how those current processes can be expanded to include tracking cyber capabilities for the Active and Reserve Component, and if those processes can be dynamically updated and used to inform the development of operational plans and concepts of operations.

## **TITLE XVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE MATTERS**

### **SUBTITLE A—SPACE ACTIVITIES**

#### *Space acquisition and management and oversight (sec. 1601)*

The House bill contained a provision (sec. 1601) that would authorize the creation of a Space Corps within the Department of the Air Force and require the Secretary of the Air Force to certify its establishment by January 1, 2019. The Senate amendment contained a provision (sec. 1601) that would require the Commander of Air Force Space Command serve a term of at least 6 years.

The Senate amendment contained another provision (sec. 6605) that would prohibit the establishment of any military department or corps separate from the current military departments, including a Space Corps.

The Senate recesses with an amendment that would establish the term of office of the Commander of Air Force Space Command at 6 years. The amendment would provide the Commander with the authority to (1) organize, train, and equip personnel and operations of the space forces of the Air Force; (2) serve as the acquisition executive for defense space acquisitions; and (3) procure commercial satellite communications for the Department of Defense beginning 1 year after the date of enactment of this Act. The conferees note that the Commander of Air Force Space Command would be expected to work with the Secretary of the Air Force regarding the use of existing basic personnel functions, including health care and recruitment of personnel.

The amendment would terminate the position and the office of the Principal Department of Defense Space Advisor and would transfer the duties, responsibilities, and personnel of such office to a single official selected by the Deputy Secretary of Defense. The amendment would terminate the Defense Space Council and disestablish the Air Force Space Operations Directorate (A-11). The amendment would also re-designate the Operationally Responsive Space Office as the Space Rapid Capabilities Office.

The conferees appreciate the Deputy Secretary's engagement on the space mission and organization within the Department and expect such engagement to continue particularly during this transition. The conferees will hold the Deputy Secretary accountable for ensuring that the reorganization of space within the Department, funding for space capabilities, and focus on the space mission continue as one of his priorities. The conferees note in particular that the Deputy Secretary will make the decision on which organization or agency within the Department will be responsible for Major Force Program 12 and expect the Deputy Secretary to continue close consultations with the Armed Services Committees of the Senate and the House of Representatives to keep them apprised of progress on these issues and to seek their input.

The conferees note with disappointment the consistent failure to ensure synchronization across space systems, ground stations, and terminals. To address this problem, the conferees recommend two improvements to the requirements and acquisition processes for national security space programs. First, the conferees note the importance of the Joint Requirements Oversight Council in reviewing, assessing, adjudicating, and advocating for joint space requirements across the national security space enterprise. The conferees believe that establishing a Functional Capability Board for space will help to improve the advocacy for joint space requirements, specifically with regard to synchronization of space systems,

ground stations, and terminals. Second, the conferees recommend that United States Strategic Command be given the responsibility and authority to approve any budget request for service terminals prior to Milestone A approval. The conferees expect the Deputy Secretary of Defense to issue a directive implementing this change not later than March 1, 2018.

The conferees note that space has been designated as a warfighting domain. Recognizing the joint nature of this new domain, the conferees believe that United States Strategic Command should develop a concept of operations (CONOPs) on how to conduct warfighting in space. That CONOPs should be used to guide the Services' space capabilities development and acquisition programs. The conferees expect such CONOPs to be provided to them not later than 180 days after the date of the enactment of this Act.

*Codification, extension, and modification of limitation on construction on United States territory of satellite positioning ground monitoring stations of foreign governments (sec. 1602)*

The House bill contained a provision (sec. 1611) that would amend chapter 135 of title 10, United States Code, by adding a new section, 2279c. Subsection (b) of section 1602 of the National Defense Authorization Act for Fiscal Year 2014 (Public Law 113-66), which is a limitation on construction on United States territory of satellite positioning ground monitoring stations of certain foreign governments, would be transferred to section 2279c of title 10, United States Code.

The Senate amendment contained no similar provision.

The Senate recesses.

*Foreign commercial satellite services: cybersecurity threats and launches (sec. 1603)*

The House bill contained a provision (sec. 1612) that would prohibit the Secretary of Defense from entering into a contract for satellite services with any entity if such services will be provided using satellites launched from a covered foreign country or using a launch vehicle that is designed or manufactured in a covered foreign country or that is provided by the government of a covered foreign country or by an entity controlled in whole or in part by, or acting on behalf of, the government of a covered foreign country, regardless of the location of the launch.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would add an exception for satellites launched prior to December 31, 2022.

*Extension of pilot program on commercial weather data (sec. 1604)*

The House bill contained a provision (sec. 1613) that would amend section 1613 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) by extending the pilot program on commercial weather data by 1 year. This provision would also add the congressional intelligence committees to the existing reporting requirements.

The Senate amendment contained no similar provision.

The Senate recesses.

*Evolved Expendable Launch Vehicle modernization and sustainment of assured access to space (sec. 1605)*

The House bill contained a provision (sec. 1615) that would prohibit the Secretary of Defense from obligating or expending funds authorized by this Act or otherwise made available for fiscal year 2018 for research, development, test, and evaluation, Air Force, for the Evolved Expendable Launch Vehicle (EELV) program for any use other than the activities specified by this Act. This provision would not affect or prohibit the Secretary from procuring launch services of EELV launch systems.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would limit the obligation or expenditure of funds for carrying out the EELV program to: (a) the development of a domestic rocket propulsion system to replace non-allied space launch engines; (b) the development of the necessary interfaces to, or the integration of, such domestic rocket propulsion system with an existing or planned launch vehicle; or (c) the development of capabilities necessary to enable existing or planned commercially available space launch vehicles or infrastructure that are primarily for national security space missions to meet assured access to space requirements. The amendment would terminate the authority to develop a domestic rocket propulsion system and to develop the necessary interfaces of a domestic rocket propulsion system once the Secretary of the Air Force certifies to the congressional defense committees that a successful full-scale test of a domestic rocket engine has occurred.

*Demonstration of backup and complementary positioning, navigation, and timing capabilities of Global Positioning System (sec. 1606)*



The House bill contained a provision (sec. 1617) that would require, during fiscal year 2018, the Secretary of Defense, the Secretary of Transportation, and the Secretary of Homeland Security to jointly develop a plan for carrying out a backup capability demonstration for the Global Positioning System.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the costs to carry out the proposed plan be consistent with the responsibilities established in National Security Presidential Directive 39 titled "U.S. Space-Based Positioning, Navigation, and Timing Policy."

*Enhancement of positioning, navigation, and timing capacity (sec. 1607)*

The House bill contained a provision (sec. 1618) that would require the Secretary of Defense to develop and implement a plan to increase resilience for the positioning, navigation, and timing capacity for the Department of Defense. This provision would require the plan to ensure that military Global Positioning System user equipment terminals have the capability to receive signals from the Galileo satellites of the European Union and the QZSS satellites of Japan, beginning with increment 2 of the acquisition of such terminals.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require that the plan include an assessment of the benefits and risks of military Global Positioning System user equipment terminals' having the capability to receive allied positioning, navigation, and timing signals, beginning with increment 2 of the acquisition of such terminals, and would require an evaluation of whether such a plan should be implemented.

*Commercial satellite communications pathfinder program (sec. 1608)*

The House bill contained a provision (sec. 1616) that would express the sense of Congress and require a report regarding the Air Force's commercial satellite communications pathfinder program.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Launch support and infrastructure modernization (sec. 1609)*

The Senate amendment contained a provision (sec. 1606) that would direct the Secretary of Defense to carry out a program to modernize space launch infrastructure and improve space launch activities, to include processing and launch of national security space vehicles, in the Eastern and Western Test and Launch Ranges.

The House amendment contained no similar provision.

The House recedes with a technical amendment.

*Limitation on availability of funding for Joint Space Operations Center mission system (sec. 1610)*

The House bill contained a provision (sec. 1621) that would limit the funds authorized for fiscal year 2018 for the Joint Space Operations Center mission system until the Secretary of the Air Force develops and implements a plan to operationalize existing commercial space situational awareness capabilities.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that allows the Secretary of Defense to waive the implementation of the plan if the Secretary determines that existing commercial capabilities will not address national security requirements or existing space situational awareness capability gaps.

*Limitation on use of funds for Delta IV launch vehicle (sec. 1611)*

The Senate amendment contained a provision (sec. 1604) that would prohibit the Air Force from obligating funds to maintain infrastructure, system engineering, critical skills, base and range support, depreciation, or sustainment commodities for the Delta IV launch vehicle unless the Secretary of the Air Force certifies to the congressional defense committees that the Air Force plans to launch a satellite procured by the Air Force on a Delta IV launch vehicle within 3 years of that certification.

The House bill contained no similar provision.

The House recedes with a technical amendment.

*Air Force space contractor responsibility watch list (sec. 1612)*

The Senate amendment contained a provision (sec. 1602) that would establish and maintain a contractor responsibility watch list (CRWL) for Air Force space programs. The CRWL would include contractors with histories of poor performance on space procurement or research, development, test, and evaluation

program contracts. The provision would authorize the Commander of Air Force Space and Missile Systems Center to place a contractor on the CRWL upon determining that the ability of the contractor to perform Air Force space contracts has been called into question by: (1) Poor performance or award fee scores below 50 percent; (2) Financial concerns; (3) Felony or civil judgments; or (4) Security or foreign ownership and control issues.

The House bill contained no similar provision.

The House recedes with a technical amendment.

*Certification and briefing on operational and contingency plans for loss or degradation of space capabilities (sec. 1613)*

The House bill contained a provision (sec. 1620) that would require the Secretary of Defense and the Chairman of the Joint Chiefs of Staff, in coordination with the commander of each combatant command, to assess the implications of a loss or degradation of U.S. space capabilities on operational and contingency plans. The Secretary and Chairman, in coordination with the combatant commanders, would then be required to submit a report of their assessment to the appropriate congressional committees within 180 days after the date of the enactment of this Act.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment requiring the Secretary of Defense and the Chairman of the Joint Chiefs of Staff to certify that appropriate contingency plans exist to assess the implications for mission performance in the event of a loss or degradation of space capabilities of the U.S. and to provide a briefing to the appropriate congressional committees on the plan for mitigating such loss or degradation.

*Report on protected satellite communications (sec. 1614)*

The House bill contained a provision (sec. 1622) that would limit the funds authorized to be appropriated by this Act for fiscal year 2018 for research, development, test, and evaluation, Air Force, for protected tactical enterprise, protected tactical service, or protected satellite communication services for the Evolved Strategic Satellite Communications (SATCOM) system until several certifications, reports, and plans ensuring that a protected SATCOM system other than Advanced Extremely High Frequency will meet the relevant validated military requirements are submitted to the congressional defense committees.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would remove the limitation on funding and consolidate the certification requirements.

*Sense of Congress on establishment of Space Flag training event (sec. 1615)*

The House bill contained a provision (sec. 1619) that would require the Secretary of Defense to establish, not later than December 31, 2020, an annual capstone training event titled "Space Flag" for space professionals to develop and test doctrine, concepts of operation, and tactics, techniques, and procedures.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would make the provision a Sense of Congress.

*Sense of Congress on coordinating efforts to prepare for space weather events (sec. 1616)*

The House bill contained a provision (sec. 1623) that would mandate that the Secretary of Defense ensure the timely provision of operational space weather observations, analyses, forecasts, and other products to support the mission of the Department of Defense and coalition partners.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment expressing the sense of Congress on coordinating efforts to prepare for space weather events.

*Sense of Congress on National Space Defense Center (sec. 1617)*

The Senate amendment contained a provision (sec. 1048) that would express the sense of Congress that the Department of Defense and intelligence community should seek ways to bolster integration with respect to space threats through work at the National Space Defense Center.

The House bill contained no similar provision.

The House recedes with a technical amendment.

## **SUBTITLE B—DEFENSE INTELLIGENCE AND INTELLIGENCE-RELATED ACTIVITIES**

*Security clearances for facilities of certain contractors (sec. 1621)*

The House bill contained a provision (sec. 1631) that would provide the Department of Defense with the authority to approve facility clearances for a company in the event its senior management official does not have a security clearance at the level of the facility clearance, if a company designates an official with the appropriate clearance to act as the senior management official for the purposes of the facility clearance.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would make technical modifications.

*Extension of authority to engage in certain commercial activities (sec. 1622)*

The House bill contained a provision (sec. 1632) that would amend section 431(a) of title 10, United States Code, to extend the authority to engage in commercial activities as security for intelligence collection activities through December 31, 2023.

The Senate amendment contained a similar provision (sec. 1611) that would extend by three years the authority under section 431 of title 10, United States Code.

The Senate recedes.

*Submission of audits of commercial activity funds (sec. 1623)*

The House bill contained a provision (sec. 1663) that would modify section 432 of title 10, United States Code, for audits to be submitted to the congressional defense committees and the congressional intelligence committees by not later than December 31 of each year.

The Senate amendment contained no similar provision.

The Senate recedes.

*Clarification of annual briefing on the intelligence, surveillance, and reconnaissance requirements of the combatant commands (sec. 1624)*

The House bill contained a provision (sec. 1634) that would modify section 1626 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (Public Law 113-291) by including space-based intelligence, surveillance, and reconnaissance in the briefing.

The Senate amendment contained no similar provision.

The Senate recedes.

*Consideration of service by recipients of Boren scholarships and fellowships in excepted service positions as service by such recipients under career appointments for purposes of career tenure (sec. 1625)*

The Senate amendment contained a provision (sec. 1612) that would amend section 802(k) of the David L. Boren National Security Education Act of 1991, section 1902(k) of title 50, United States Code, to provide that service in an excepted service position in the Boren Scholarship program is considered qualifying service for the purposes of career tenure under title 5, United States Code.

The House bill contained no similar provision.

The House recesses.

*Review of support provided by Defense intelligence elements to acquisition activities of the Department (sec. 1626)*

The House bill contained a provision (sec. 1635) that would require the Secretary of Defense to review the support provided by the defense intelligence enterprise to Department of Defense acquisition activities, and to develop a specific budget structure for intelligence support to acquisition that would be implemented beginning with the budget submission for fiscal year 2020. It also would require the Secretary to provide a briefing to the congressional defense committees and congressional intelligence committees not later than May 1, 2018, on the results of the review and the plan for the budget structure.

The Senate amendment contained no similar provision.

The Senate recesses with a clarifying amendment.

*Establishment of Chairman's controlled activity within Joint Staff for intelligence, surveillance, and reconnaissance (sec. 1627)*

The House bill contained a provision (sec. 1638) that would require continuation of a current Department of Defense plan to transition the roles, missions, and responsibilities of Joint Functional Component Command for Intelligence, Surveillance, and Reconnaissance (ISR) from U.S. Strategic Command to the Chairman of the Joint Chiefs of Staff (CJCS) as a CJCS controlled activity, and designate the Department of the Air Force as the controlled activity's funding sponsor.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would make modifications and require the Chairman of the Joint Chiefs of Staff to develop guidance, in coordination with the Director of

Cost Analysis and Program Evaluation, that requires the geographical combatant commanders to collect ISR measures of effectiveness through data and metrics. Measures of effectiveness will enable objective evaluation and analysis in a standardized manner, regarding the utilization of ISR capabilities provided to the combatant commanders, in order to support recommendations to the Secretary of Defense regarding the allocation of Department of Defense ISR resources to the combatant commanders.

*Requirements relating to multi-use sensitive compartmented information facilities (sec. 1628)*

The Senate amendment contained a provision (sec. 11601) that would require the Secretary of Defense to develop the processes and procedures necessary to build, certify, and maintain certifications for multi-use sensitive compartmented information facilities not tied to a single contract and where multiple companies can work on multiple projects at different security levels securely.

The House bill contained no similar provision.

The House recedes with a clarifying amendment.

*Limitation on availability of funds for certain offensive counterintelligence activities (sec. 1629)*

The House bill contained a provision (sec. 1636) that would limit the availability of funds for certain offensive counterintelligence operation (OFCO) activities until specified certification and briefing requirements are fulfilled not later than March 1, 2018. It would require the Secretary of Defense to certify that elements of the Department of Defense with OFCO authorities have appropriate oversight procedures. It would also require the Director of the Defense Intelligence Agency (DIA) to provide the congressional defense committees and congressional intelligence committees with an accounting of certain resources transferred from the Defense Counterintelligence Field Activity. It would require a briefing to the same committees from the Under Secretary of Defense for Intelligence and the Director of DIA on improvement of OFCO management.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would modify the limitations on counterintelligence activities and associated reporting requirements.

## **SUBTITLE C—CYBERSPACE-RELATED MATTERS**

## **PART I—GENERAL CYBER MATTERS**

### *Notification requirements for sensitive military cyber operations and cyber weapons (sec. 1631)*

The House bill contained a provision (sec. 1651) that would require the Secretary of Defense to promptly submit in writing to the congressional defense committees notice of any sensitive military cyber operation and notice of the results of the review of any cyber capability that is intended for use as a weapon. This provision would also require the Secretary of Defense to establish procedures for providing such notice in a manner consistent with the national security of the United States and the protection of operational integrity.

The Senate amendment contained no similar provision.

The Senate recedes with a clarifying amendment that would require the legal reviews of cyber capabilities intended for a weapon to be submitted on a quarterly basis in aggregate form.

The conferees are aware that cyber capabilities are being developed across the Department of Defense. The conferees recognize that providing Congress with each individual legal review of a cyber capability intended for use as a weapon could become a burdensome requirement. The conferees believe that receiving the legal reviews in aggregate form, on a quarterly basis, with a summary of relevant and significant legal determinations would be more conducive to conducting congressional oversight and helpful in understanding how rapidly evolving international law applies to the pace of cyber operations.

The conferees continue to expect the Department to promptly notify Congress when a significant cyber capability has been approved for use as a weapon and made available to the force. The conferees also expect the Cyber Quarterly Operations briefing, required by section 484 of title 10, to include, but not be limited to, an overview of cyber capabilities intended for use as a weapon that have recently been made available to the force and an overview of significant offensive, defensive, and dual-use cyber capabilities recently made available to the force.

### *Modification to quarterly cyber operations briefings (sec. 1632)*

The House bill contained a provision (sec. 1652) that would amend section 484 of title 10, United States Code, related to quarterly cyber operations briefings, by including all of the congressional defense committees in the requirement as well as



increasing the fidelity of the items to be included in each quarterly briefing.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Policy of the United States on cyberspace, cybersecurity, and cyber warfare (sec. 1633)*

The Senate amendment contained a provision (sec. 1621) that would establish the policy of the United States with respect to matters pertaining to cyberspace, cybersecurity, and cyber warfare.

The House bill contained no similar provision.

The House recedes with an amendment that would require the President to develop a national policy for the United States relating to cyberspace, cybersecurity, and cyber warfare. The amendment would allow not more than 60 percent of the funds made available for fiscal year 2018 for procurement, research, development, test and evaluation, and operations and maintenance for the White House Communications Agency and the White House Situation Support Staff to be obligated or expended until the President submits the policy to the appropriate congressional committees.

The conferees note that over the past five years the Congress has directed the executive branch to develop a national policy and strategy for deterring our adversaries in cyberspace. The National Defense Authorization Acts for Fiscal Years 2014, 2016, and 2017 (Public Laws 113-66, 114-92, and 114-328), for example, each included requirements for policy and strategy development that were not adequately addressed by the executive branch.

The conferees agree that an appropriate cyber policy should at a minimum assert that the United States should employ all instruments of national power, including the use of offensive cyber capabilities, to deter if possible and respond when necessary to any and all cyber attacks or other malicious cyber activities that target United States interests with the intent to—

- (1) cause casualties among United States persons or persons of our allies;
- (2) significantly disrupt the normal functioning of United States democratic society or government (including attacks against critical infrastructure that could damage systems used to provide key services to the public or government);
- (3) threaten the command and control of the United States Armed Forces, the freedom of maneuver of the United States Armed Forces, or the industrial base or other infrastructure on which

the United States Armed Forces rely to defend United States interests and commitments; or

(4) achieve an effect, whether individually or in aggregate, comparable to an armed attack or to an operation that imperils a vital interest of the United States.

The conferees believe strongly that the United States government must be prepared and directed to respond forcefully to cyber attacks and cyber-enabled information warfare attacks on the Nation.

*Prohibition on use of products and services developed or provided by Kaspersky Lab (sec. 1634)*

The Senate amendment contained a provision (sec. 11603) that would prohibit any department, agency, organization, or other element of the United States Government from using any product developed by Kaspersky Lab or any entity of which Kaspersky Lab has majority ownership.

The House bill contained no similar provision.

The House recedes with an amendment that would add a review and report on the procedures for removing suspect products or services from the information technology networks of the Federal Government.

*Modification of authorities relating to establishment of unified combatant command for cyber operations (sec. 1635)*

The Senate amendment contained a provision (sec. 1623) that would modify the requirements and authorities germane to the establishment of a unified combatant command for cyber operations, mandated by section 167b(a) of title 10, United States Code. The recommended provision would: (1) Direct that the elevation of United States Cyber Command to a unified combatant command occur before the Cyber Mission Force reaches full operational capability; (2) Clarify the functions of Cyber Command to make them align with Department of Defense policy; and (3) Refine the command and control responsibilities of the Commander of Cyber Command.

The House bill contained no similar provision.

The House recedes with an amendment that repeals subsection (d) of section 167b of title 10, United States Code.

*Modification of definition of acquisition workforce to include personnel contributing to cybersecurity systems (sec. 1636)*

The House bill contained a provision (sec. 1657) that would authorize a pilot program for the Secretary of Defense to

assess the effectiveness of carrying out a full-scale talent management program to ensure that the cyber workforce of the Department of Defense has the capacity, in both personnel and skills, needed to effectively perform its cyber missions and the kinetic missions impacted by cyber activities.

The Senate amendment contained a provision (sec. 842) that would amend section 1705(h)(2)(A) of title 10, United States Code, to include personnel who are engaged in the acquisition of systems related to cybersecurity in the list of personnel who may be trained under the Department of Defense Acquisition Workforce Development Fund.

The House recesses.

*Integration of strategic information operations and cyber-enabled information operations (sec. 1637)*

The Senate amendment contained a provision (sec. 1042) that would require the Secretary of Defense to establish a cross-functional task force to integrate across organizations of the Department of Defense (DOD) responsible for information operations, military deception, public affairs, electronic warfare, and cyber operations to produce integrated strategy, planning, and budgeting to counter, deter, and conduct strategic information operations and cyber-enabled information operations. The provision would also direct that the Secretary require the commander of each combatant command to develop specific plans to conduct information operations through cyberspace that could threaten those things, entities, resources, assets, and systems that the leaders of adversary countries value most highly, with the goal of establishing an effective deterrent to information operations and cyber-attacks against the United States, its allies, and its interests. Additionally, the provision would require the task force to review the DOD Strategy for Operations in the Information Environment, dated June 2016, and submit to the congressional defense committees an implementation plan. Lastly, the provision would establish a Defense Intelligence Officer for Information Operations and Cyber Operations within the Department of Defense.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Secretary of Defense to establish processes and procedures to integrate strategic information operations and cyber-enabled information operations across the elements of the DOD responsible for such operations, including the elements of the Department responsible for military deception, public affairs, electronic warfare, and cyber operations in order to ensure that such processes and procedures provide for Department-wide

strategy, planning, and budgeting for such operations. The amendment would also require the Secretary to designate a senior DOD official to implement and oversee such processes and procedures and other specified responsibilities. Additionally, the amendment would require the commander of each combatant command to develop, with appropriate coordination and assistance, a regional information strategy and interagency coordination plan for implementation. Lastly, the amendment would require a review of the DOD Strategy for Operations in the Information Environment, dated June 2016, and submit a report on the implementation of such strategy to the congressional defense committees.

*Exercise on assessing cybersecurity support to election systems of States (sec. 1638)*

The Senate amendment contained a provision (sec. 1630) that would require the Secretary of Defense to incorporate the cybersecurity of elections systems of the States as a component of the Cyber Guard Exercise.

The House bill contained no similar provision.

The House recedes with an amendment that would require the Secretary of Defense to obtain written agreement from a participating state prior to carrying out an exercise relating to the cybersecurity of a state's election system.

*Measurement of compliance with cybersecurity requirements for industrial control systems (sec. 1639)*

The Senate amendment contained a provision (sec. 1629) that would direct the Secretary of Defense to update its cyber scorecards to ensure that the Secretary measures each component of the Department of Defense in its progress towards securing the industrial control systems of the Department against cyber threats.

The House bill contained no similar provision.

The House recedes with a technical amendment.

*Strategic Cybersecurity Program (sec. 1640)*

The Senate amendment contained a provision (sec. 1625) that would require the Secretary of Defense, acting through the Director of the National Security Agency, to establish the Strategic Cybersecurity Program (SCP). The program would execute continual red-teaming reviews of: (1) Offensive cyber systems; (2) Long-range strike systems; (3) Nuclear deterrent systems; (4) National security systems; and (5) Critical infrastructure

of the Department of Defense. The SCP would also be responsible for assessing the cybersecurity adequacy of acquisition plans for proposed systems and infrastructure in order to ensure the effectiveness of these covered systems. The provision would provide for this effort up to \$100.0 million of the funding authorized to be appropriated in fiscal year 2018 for the Information Systems Security Program.

The House bill contained no similar provision.

The House recedes with a clarifying amendment that calls for a plan for how to carry out the activities described in this provision.

The conferees are aware that there exists much of the capability to carry out this plan in the Department including at combat support agencies such as the National Security Agency (NSA) and the Defense Information Systems Agency. The plan called for in this provision is expected to organize and focus efforts, and improve our understanding of where gaps may exist in terms of people, resources, focus and authorities. Due to the urgency of the mission, the conferees encourage the Department to provide funding to jumpstart execution of the plan. Furthermore, the conferees expect the Department to identify any additional resources needed for full execution of the effort and include such information in future budget requests. The conferees also expect the NSA to be a significant participant and to budget resources and personnel for this program as part of its information assurance mission.

*Plan to increase cyber and information operations, deterrence, and defense (sec. 1641)*

The House bill contained a provision (sec. 1654) that would direct the Secretary of Defense to develop a plan to increase regional cyber planning and enhance information operations and strategic communication strategies to counter Chinese and North Korean information warfare, malign influence, and propaganda activities.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Evaluation of agile or iterative development of cyber tools and applications (sec. 1642)*

The Senate amendment contained a provision (sec. 1626) that would require the Commander of U.S. Cyber Command to conduct an evaluation of alternative methods for developing, acquiring, and maintaining software-based cyber tools and

applications for Cyber Command and for the cyber component commands of the Armed Forces.

The House bill contained no similar provision.

The House recedes with a technical and clarifying amendment related to the definition of agile development.

The conferees note that the goal of the evaluation is to identify a set of practices that will increase the speed and effectiveness of developing capabilities to match the speed at which the operational cyber environment changes, in peacetime and during a conflict.

#### *Assessment of defense critical infrastructure (sec. 1643)*

The Senate amendment contained a provision (sec. 11604) that would direct the Secretary of Defense, in coordination with the Director of National Intelligence, the Secretary of Energy, and the Secretary of Homeland Security, to submit to the appropriate congressional committees a report on significant security risks to defense critical electric infrastructure.

The House bill contained no similar provision.

The House recedes with an amendment that would amend section 1650 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to include these elements.

#### *Cyber posture review (sec. 1644)*

The Senate amendment contained a provision (sec. 1622) that would require the Secretary of Defense, in consultation with the Director of National Intelligence, the Attorney General, the Secretary of the Department of Homeland Security, and the Secretary of State, to conduct a cyber posture review. The purpose of the review would be to clarify U.S. cyber deterrence policy and strategy for the near term by conducting a comprehensive review of the cyber posture of the United States for the next 5 to 10 years.

The House bill contained no similar provision.

The House recedes with an amendment that would require additional elements including a review of the role of cyber operations in combatant commander operational planning; a review of the relevant laws, policies, and authorities; and a review and assessment of the various approaches to cyber deterrence.

#### *Briefing on cyber capability and readiness shortfalls (sec. 1645)*

The House bill contained a provision (sec. 339) that would require the Secretary of the Army to submit to Congress a report

on the Army Combat Training Centers and the current resident cyber capabilities and training at such centers to examine potential training readiness shortfalls and ensure that pre-rotational cyber training needs are met.

The Senate amendment contained a similar provision (sec. 11005).

The Senate recedes with a technical amendment.

*Briefing on cyber applications of blockchain technology (sec. 1646)*

The Senate amendment contained a provision (sec. 1630) that would require the Secretary of Defense to submit to the appropriate congressional committees a report on the potential offensive and defensive cyber applications of blockchain technology.

The House bill contained no similar provision.

The House recedes with a technical amendment.

*Briefing on training infrastructure for cyber mission forces (sec. 1647)*

The Senate amendment contained a provision (sec. 11608) that would require the Secretary of Defense to submit to the congressional defense committees a report on the Department of Defense training infrastructure for cyber forces.

The House bill contained no similar provision.

The House recedes with a technical amendment.

*Report on termination of dual-hat arrangement for Commander of the United States Cyber Command (sec. 1648)*

The House bill contained a provision (sec. 1655) that would require the Secretary of Defense to provide a report on the Department of Defense's progress in meeting the requirements of section 1642 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to the congressional defense and intelligence committees.

The Senate amendment contained a provision (sec. 1627) that would require the Commander of United States Cyber Command to provide to the congressional defense committees a report that identifies the costs associated with developing the capabilities required to meet the requirements outlined in section 1642(b)(2)(C) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The Senate recedes with an amendment that would require the report be informed using data and support from the Director

of Cost Assessment and Program Evaluation, in consultation with the Commander of United States Cyber Command and the Director of the National Security Agency.

## **PART II—CYBERSECURITY EDUCATION**

### *Cyber Scholarship Program (sec. 1649)*

The House bill contained a provision (sec. 1653) that would amend chapter 112 of title 10, United States Code, to establish the Department of Defense Cyber Scholarship Program, setting aside 5 percent of the available funding for pursuit of associate degrees in cyber and authorizing \$10.0 million in fiscal year 2018 for such scholarships.

The Senate bill contained a similar provision (sec. 1628).  
The Senate recesses.

### *Community college cyber pilot program and assessment (sec. 1649A)*

The Senate amendment contained a provision (sec. 1662) that would require the Director of the National Science Foundation, in coordination with the Director of the Office of Personnel Management, to develop and implement a pilot program at not more than 10, but at least 5, community colleges to provide scholarships to eligible students who are veterans of the Armed Forces pursuing associate degrees or specialized program certifications in the field of cybersecurity.

The House bill contained no similar provision.  
The House recesses.

### *Federal Cyber Scholarship-For-Service program updates (sec. 1649B)*

The Senate amendment contained a provision (sec. 1663) that would amend section 7442 of title 15, United States Code, to add a scholarship-for-service condition in which recipients of the relevant scholarships must agree, as a condition of receiving a scholarship, to work for a period equal to the length of the scholarship in local, state, or Federal government.

The House bill contained no similar provision.  
The House recesses.

### *Cybersecurity teaching (sec. 1649C)*



The Senate amendment contained a provision (sec. 1664) that would amend section 1862n-1(i) of title 42, United States Code, by expanding the definitions of "math and science teacher" and "science, technology, engineering, or mathematics professional" to include persons with relevant cybersecurity experience and qualifications.

The House bill contained no similar provision.

The House recesses.

## **SUBTITLE D—NUCLEAR FORCES**

*Annual assessment of cyber resiliency of nuclear command and control system (sec. 1651)*

The Senate amendment contained a provision (sec. 793) that would require the Commander of the United States Strategic Command and the Commander of the United States Cyber Command to jointly conduct an annual assessment of the cyber resiliency of the nuclear command and control system. The assessment would evaluate the sufficiency and resiliency of the nuclear command and control system for operation through a cyber attack and would develop recommendations for mitigating the concerns of the Commanders born from this assessment.

The House bill contained no similar provision.

The House recesses with an amendment that would add a requirement for quarterly briefings to the congressional defense committees on critical intelligence parameter breaches.

*Collection, storage, and sharing of data relating to nuclear security enterprise (sec. 1652)*

The Senate amendment contained a provision (sec. 1631) that would require data sharing between the Department of Energy's National Nuclear Security Administration and the Department of Defense with respect to cost, programmatic, and technical data relating to nuclear weapons programs and projects.

The House bill contained no similar provision.

The House recesses with an amendment that would make the participation of the Office of Naval Reactors in the data sharing program optional and would also clarify covered programs.

*Notifications regarding dual-capable F-35A aircraft (sec. 1653)*

The House bill contained a provision (sec. 1661) that would amend section 179(f) of Title 10, United States Code, to require the Nuclear Weapons Council to notify the congressional defense committees if either the Senate or the House of Representatives adopts a bill that authorizes or appropriates funds for the Department of Defense that provides funds in an amount that would result in a delay of the nuclear certification or delivery of F-35A dual-capable aircraft.

The Senate amendment contained no similar provision.

The Senate recesses.

*Oversight of delayed acquisition programs by Council on Oversight of the National Leadership Command, Control, and Communications System (sec. 1654)*

The House bill contained a provision (sec. 1662) that would require each program manager of a covered acquisition program to transmit a quarterly report to the co-chairs of the Council on Oversight of the National Leadership Command, Control, and Communications System (NLCC) that identifies the requirements, development timeline, and status of the program, including whether the program is delayed. The provision would further require that, in the event an acquisition program is delayed by more than 180 days or in the event a program manager did not properly notify the Council, the co-chairs notify the congressional defense committees not later than 7 days after the end of the quarter.

The Senate amendment contained a provision (sec. 1634) that would require the Chief Information Officer of the Department of Defense, or any successor with primary responsibility for nuclear command, control, and communications (NC3), in coordination with the Under Secretary of Defense for Acquisition and Sustainment, to develop a database of acquisition program metrics on NC3 systems not later than 1 year after the date of enactment of this Act.

The Senate recesses with an amendment that would include both provisions but would change the date of notification by the co-chairs of the Council required by the House provision to not later than 7 days after the end of each semiannual period. The conferees believe that this provision should be implemented to minimize redundant reporting requirements; to the extent there are existing Service reporting products, those should be transmitted to the NLCC to support its oversight of the system and its relevant acquisition programs.

The conferees are also aware of the importance of adequate availability of secure facilities for NC3 recapitalization, as

referenced on page 248 of the House report accompanying H.R. 2810 (H. Rept. 115-200) of the National Defense Authorization Act for Fiscal Year 2018. The conferees are especially concerned with the adequacy of secure facilities for key U.S. Air Force installations related to NC3 acquisition and integration activities of the Air Force Nuclear Weapons Center and Air Force Global Strike Command. Therefore, the conferees direct the Secretary of the Air Force to brief the Committees on Armed Services of the Senate and the House of Representatives not later than February 15, 2018, on the plans to ensure capitalization and recapitalization of secure facilities tied to the modernization of the NC3 system, including funded and unfunded requirements.

*Establishment of Nuclear Command and Control Intelligence Fusion Center (sec. 1655)*

The House bill contained a provision (sec. 1663) that would direct the Secretary of Defense and the Director of National Intelligence to jointly establish an intelligence fusion center to enhance the protection of nuclear command, control, and communications and continuity of government programs, systems, and processes.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would clarify the mission of the center.

*Security of nuclear command, control, and communications system from commercial dependencies (sec. 1656)*

The House bill contained a provision (sec. 1664) that would make a series of findings related to Department of Defense use of systems produced by Huawei Technologies Company or ZTE Corporation. The provision would also require the Secretary of Defense to certify whether the Secretary uses telecommunications equipment or services from these companies to carry out the Department's nuclear deterrence mission or homeland defense mission. Beginning 1 year after the date of enactment of this Act, the provision would prohibit the Secretary from procuring or obtaining any equipment, system, or service that relies on such covered items, and it would provide waiver authority on a case-by-case basis if the Secretary determines it to be in the national security interest of the United States and certifies to the congressional defense committees that certain criteria are met.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would strike the findings.

*Oversight of aerial-layer programs by Council on Oversight of the National Leadership Command, Control, and Communications System (sec. 1657)*

The House bill contained a provision (sec. 1665) that would establish that any analysis of alternatives (AoA) for the Senior Leader Airborne Operations Center, the Executive Airlift program of the Air Force, and the E-6B modernization program may not receive final approval by the Joint Requirements Oversight Council, and the Director of Cost Assessment and Program Evaluation may not complete the AoA sufficiency review unless the Council on Oversight of the National Leadership Command, Control, and Communications System determines that the alternatives are capable of meeting the requirements for senior leadership communications in support of the nuclear command, control, and communications and continuity of government missions of the Department of Defense.

The Senate amendment contained no similar provision.  
The Senate recedes.

*Security classification guide for programs relating to nuclear command, control, and communications and nuclear deterrence (sec. 1658)*

The House bill contained a provision (sec. 1666) that would direct the Secretary of Defense to require the issuance of a security classification guide for nuclear weapons, for nuclear command and control, and for continuity of government programs of the Department of Defense to ensure the protection of sensitive information of such programs.

The Senate amendment contained no similar provision.

The Senate recedes with several amendments that would clarify the exclusion of Department of Energy programs covered by chapter 12 of the Atomic Energy Act as well as require the Deputy Secretary of Defense to notify the congressional defense committees of the status of the issuance of the three guides on an annual basis for 3 years following enactment of this Act.

*Evaluation and enhanced security of supply chain for nuclear command, control, and communications and continuity of government programs (sec. 1659)*

The House bill contained a provision (sec. 1667) that would direct the Secretary of Defense to evaluate the supply

chain vulnerabilities of programs related to nuclear weapons; nuclear command, control, and communications; continuity of government; and ballistic missile defense. The provision would also require the Secretary to develop and submit a plan to carry out such evaluations not later than 180 days after enactment of this Act and provide waiver authority in certain circumstances. Finally, the provision would require the Secretary to develop strategies for mitigating such vulnerabilities and issue a related Department of Defense Instruction.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would clarify that the required plan should include the personnel and resources required to carry out such evaluations.

*Procurement authority for certain parts of intercontinental ballistic missile fuzes (sec. 1660)*

The House bill contained a provision (sec. 1669) that would give the Department of Defense the authority to buy certain intercontinental ballistic missile fuze parts.

The Senate amendment contained an identical provision (sec. 1633).

The conference agreement includes this provision.

*Presidential National Voice Conferencing System and Phoenix Air-to-Ground Communications Network (sec. 1661)*

The Senate amendment contained a provision (sec. 1603) that would consolidate disparate program elements of the Presidential and National Voice Conferencing (PNVC) system under the Air Force Program Executive Officer (PEO), who has been given overall responsibility for the system. The provision would also require any reporting on the acquisition of PNVC to comply with guidelines for an Acquisition Category 1 (ACAT 1) system.

The House bill contained no similar provision.

The House recedes with an amendment that would transfer responsibility for the PNVC system to the PEO with responsibility for the Family of Advanced Beyond Line-of-Sight Terminals program. The amendment would also transfer responsibility for the Phoenix Air-to-Ground Communications Network to the PEO with responsibility for nuclear command, control, and communications systems. Finally, the amendment would require the Air Force to submit a Selected Acquisition Report for both programs, rather than requiring PNVC to follow guidelines for an ACAT 1 system.

*Limitation on pursuit of certain command and control concept  
(sec. 1662)*

The House bill contained a provision (sec. 1668) that would provide that the Secretary of the Air Force may not award a contract for engineering and manufacturing development for the Ground Based Strategic Deterrent program that would result in a command and control concept for such program that consists of fewer than 15 fixed launch control centers per missile wing without a determination from the Commander of United States Strategic Command related to requirements, risk to schedule and costs, strategy to address cyber threats, and managing trade-offs.

The Senate amendment contained no similar provision.

The Senate recedes with several clarifying amendments.

*Prohibition on availability of funds for mobile variant of  
ground-based strategic deterrent missile (sec. 1663)*

The House bill contained a provision (sec. 1671) that would prohibit obligation or expenditure of funds authorized to be appropriated to retain the option for, or develop, a mobile variant of the Ground Based Strategic Deterrent missile.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would amend section 1664 of the National Defense Authorization Act for Fiscal Year 2017 to apply the prohibition to fiscal years 2017 through 2019, rather than repealing and replacing it with a new provision in this Act.

*Prohibition on reduction of the intercontinental ballistic  
missiles of the United States (sec. 1664)*

The House bill contained a provision (sec. 1674) that would prohibit the Department of Defense from obligating or expending fiscal year 2018 funds to reduce the responsiveness, alert level, or quantity of deployed U.S. intercontinental ballistic missiles to below 400. The provision contains an exception for maintenance and sustainment; safety, security, or reliability; and reductions that are carried out in compliance with the New START Treaty.

The Senate amendment contained no similar provision.

The Senate recedes.

*Modification to annual report on plan for the nuclear weapons  
stockpile, nuclear weapons complex, nuclear weapons delivery*

*systems, and nuclear weapons command and control system (sec. 1665)*

The House bill contained a provision (sec. 1673) that would modify the annual report required by section 1043 of the National Defense Authorization Act for Fiscal Year 2012 to clarify that the Secretary of Defense may include cost data for more than 10 years in the future if the Secretary determines that such data are accurate and useful to understanding the nuclear modernization plan.

The Senate amendment contained no similar provision.  
The Senate recedes.

*Establishment of procedures for implementation of Nuclear Enterprise Review (sec. 1666)*

The Senate amendment contained a provision (sec. 1632) that would require the Secretary of Defense to issue a final Department of Defense Instruction for the 2014 Nuclear Enterprise Review no later than 1 year after the date of enactment of this Act.

The House bill contained no similar provision.

The House recedes with an amendment that would clarify that the instruction should cover recommendations made from both the internal and external reviews of the nuclear enterprise in 2014. The amendment would also remove the required review of the instruction by the Government Accountability Office.

*Report on impacts of nuclear proliferation (sec. 1667)*

The House bill contained a provision (sec. 1672) that would express the sense of Congress regarding nuclear proliferation as a serious threat to national security and require the Secretary of Defense to submit a report to the congressional defense committees not later than 90 days after enactment of this Act regarding the impacts of nuclear proliferation, how the Department of Defense is contributing to the current strategy to respond to the threat of nuclear proliferation, and if and how nuclear proliferation is being addressed in the Nuclear Posture Review and other pertinent strategy reviews.

The Senate amendment contained no similar provision.  
The Senate recedes.

*Certification that the Nuclear Posture Review addresses deterrent effect and operation of United States nuclear forces in current and future security environments (sec. 1668)*

The Senate amendment contained a provision (sec. 1636) that would require that the Secretary of Defense certify that the Nuclear Posture Review (NPR) being conducted by the Department of Defense addresses the ability of the current and projected future U.S. nuclear postures to deter nuclear-armed adversaries; the ability of the United States to operate in a major regional conflict that involves nuclear weapons; the ability and preparedness of forward-deployed members of the Armed Forces to operate in a nuclear environment; and weapons, equipment, and training not currently part of U.S. nuclear posture that would fill any gaps in those capabilities. The provision would also make a series of findings and express a related sense of the Congress.

The House bill contained no similar provision.

The House recesses with an amendment that would strike the findings and sense of the Congress.

*Plan to manage Integrated Tactical Warning and Attack Assessment System and multi-domain sensors (sec. 1669)*

The Senate amendment contained a provision (sec. 1637) that would require the Secretary of the Air Force, not later than 1 year after the date of enactment of this Act, to manage the missile element of the Integrated Tactical Warning/Attack Assessment (ITW/AA) system as a weapon system consistent with Air Force Policy Directive 10-9, "Lead Command Designation and Responsibilities for Weapon Systems," dated March 8, 2007.

The House bill contained no similar provision.

The House recesses.

The conferees are mindful of the centrality of ITW/AA in the five functions of nuclear command and control and related missions. The conferees believe that this is a no-fail mission, and applaud the personal interest taken by the Secretary of Defense in it.

To ensure appropriate oversight is in place, the conferees direct the Department of Defense Inspector General to conduct an evaluation of the ITW/AA system and the extent to which it is meeting all established requirements for system performance. The conferees direct that the final report shall be submitted to the Committees on Armed Services of the Senate and the House of Representatives not later than September 30, 2018, with an interim briefing due no later than May 1, 2018. The conferees further direct the Inspector General to meet with the committees not later than 30 days after the enactment of this Act to fully scope the evaluation.



*Certification requirement with respect to strategic radiation hardened trusted microelectronics (sec. 1670)*

The Senate amendment contained a provision (sec. 1638) that would require the Secretary of Defense to certify to the congressional defense committees that a strategic radiation hardened trusted foundry will be operational not later than December 31, 2020.

The House bill contained no similar provision.

The House recedes with an amendment that would change the requirement to a certification by December 31, 2020, that an assured capability to produce or acquire strategic radiation hardened trusted microelectronics is operational and available to supply necessary components.

*Nuclear Posture Review (sec. 1671)*

The Senate amendment contained a provision (sec. 1639) that would require the Secretary of Defense to fully incorporate input and views from all relevant stakeholders within the U.S. Government while conducting the Nuclear Posture Review (NPR). The provision would also require the Secretary of Defense to ensure that the NPR is submitted, in its entirety, to the President and the congressional defense committees and that an unclassified version is made available to the public.

The Senate amendment also contained a provision (sec. 1640) that would express the sense of Congress that the NPR should take into account U.S. treaty obligations and examine the tools required to sustain the stockpile stewardship program.

The House bill contained no similar provision.

The House recedes with an amendment that would combine the two provisions.

*Sense of Congress on importance of independent nuclear deterrent of United Kingdom (sec. 1672)*

The House bill contained a provision (sec. 1670) that would express the sense of Congress regarding the independent nuclear deterrent of the United Kingdom of Great Britain and Northern Ireland.

The Senate amendment contained no similar provision.

The Senate recedes.

**SUBTITLE E—MISSILE DEFENSE PROGRAMS**

*Administration of missile defense and defeat programs (sec. 1676)*

The House bill contained a provision (sec. 1681) that would amend chapter 9 of title 10, United States Code, by creating a new section that would establish a unified major force program for missile defense and missile defeat programs. This provision would require the Secretary of Defense to submit a report on such programs for fiscal years 2019-2023. This provision would further require the Secretary to transfer acquisition authority and total obligation authority for each program covered by this provision from the Missile Defense Agency to a military department not later than the date on which the President's budget is submitted for fiscal year 2020. The Secretary would also be required to submit a report, not later than 1 year after the date of the enactment of this Act, to the congressional defense committees on the plans for such a transition. Finally, the provision would change the term of the Director of the Missile Defense Agency to 6 years and require that the Director report to and be under the authority of the Under Secretary of Defense for Research and Engineering.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would change the date for transitioning acquisition authority to fiscal year 2021.

The conferees note that previous transitions of missile defense acquisitions to the military services have a poor track record and the conferees encourage the Missile Defense Agency and the Department of Defense to take extra precautions to ensure the transitioned programs are handled appropriately with sound management and oversight mechanisms.

*Condition for proceeding beyond low-rate initial production (sec. 1677)*

The House bill contained a provision (sec. 1684) that would require that, not later than 90 days after the date of the enactment of this Act, the Director of the Missile Defense Agency, the Director of Operational Test and Evaluation, the Secretary of the Army, and the Secretary of the Navy jointly ensure that the test plans of the Integrated Master Test Plan of the ballistic missile defense system prioritize the integration of missile defense capabilities, including Patriot, Aegis ballistic missile defense, and Terminal High Altitude Area Defense (THAAD).

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would replace the provision with a rule of construction that would give authority to the Secretary of Defense to make a determination on deployment of missile defense programs irrespective of operational test and evaluation assessments on ballistic missile defense systems.

*Preservation of the ballistic missile defense capacity of the Army (sec. 1678)*

The House bill contained a provision (sec. 1682) that would prohibit the Army from obligating or expending any funds authorized to be appropriated by this Act or otherwise made available for fiscal year 2018 or any fiscal year thereafter to demilitarize any Guidance Enhanced Missile TBM (GEM-T) interceptor or remove any such interceptor from the operational inventory of the Army until the date on which the Secretary of the Army submits an evaluation to the congressional defense committees of the ability of the Army to meet warfighter requirements and operational needs if GEM-T interceptors are removed from the operational inventory of the Army.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Army to submit a plan to the congressional defense committees no later than 120 days after the enactment of this Act, on the Army's ability to maintain an inventory of interceptors necessary to retain the capability provided by GEM-T interceptors.

*Modernization of Army lower tier air and missile defense sensor (sec. 1679)*

The House bill contained a provision (sec. 1683) that would require the Secretary of the Army to issue an acquisition strategy not later than April 15, 2018, for a 360-degree lower tier air and missile defense sensor that achieves initial operating capability by January 1, 2022. This provision would also establish the requirements, including the use of competitive procedures, that must be satisfied by such an acquisition strategy. Under this provision, if the Secretary of the Army does not issue such an acquisition strategy by April 15, 2018, the Secretary would no longer be authorized to obligate or expend funding for the lower tier air and missile defense sensor. Additionally, the Secretary of Defense would be required to transfer the acquisition responsibility for such a sensor to the Missile Defense Agency, and its Director would be required to issue such acquisition strategy by not later than

December 15, 2018. If the Secretary of Defense carries out such transfer, this provision would further require that, after the 360-degree sensor achieves Milestone B approval (or equivalent) but before such sensor achieves Milestone C approval (or equivalent), the Secretary of Defense transfer the responsibility to procure such sensor and the funding authorized to carry out such procurement from the Director of the Missile Defense Agency to the Secretary of the Army.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would delay the requirement for the Army to submit an acquisition strategy until September 15, 2018 and the initial operating capability to December 31, 2023.

*Defense of Hawaii from North Korean ballistic missile attack  
(sec. 1680)*

The House bill contained a provision (sec. 1685) that would state the findings of Congress concerning the North Korean ballistic missile threat and express the sense of Congress concerning the improvement of the missile defense of Hawaii. The provision would also require the Secretary of Defense to protect the test and training operations of the Pacific Missile Range Facility and assess the siting and functionality of a discrimination radar throughout the Hawaiian Islands before assessing the feasibility of using existing missile defense assets to improve the missile defense of Hawaii. This provision would also require the Director of the Missile Defense Agency to conduct a test to evaluate the capability to defeat a simple intercontinental ballistic missile (ICBM) using the standard missile 3 (SM-3) block IIA interceptor and to develop a plan, as part of the integrated master test plan for the ballistic missile defense system, to defeat a complex ICBM threat, including a complex threat posed by North Korean ICBMs. Finally, this provision would require the Secretary of Defense to submit a report to the congressional defense committees within 120 days after the enactment of this Act that indicates whether the nuclear deterrence capabilities of any adversary of the United States would be undermined by a capability to defend against North Korean ICBMs using SM-3 block IIA interceptors and whether the Secretary has developed a strategy to address any such effect upon an adversary's nuclear deterrent capabilities.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would delay the SM-3 block IIA ICBM intercept test to occur not later than December 31, 2020.

*Designation of location of continental United States interceptor site (sec. 1681)*

The House bill contained a provision (sec. 1693) that would require the Secretary of Defense to determine the location of a potential additional continental United States interceptor site within 30 days after the Ballistic Missile Defense Review is issued. The provision would also require the Secretary to consider specified contributing factors when making such determination and would require the Secretary to submit a report to the congressional defense committees within 30 days after the site determination is made.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Secretary of Defense to designate the preferred location of a potential additional continental United States interceptor site within 60 days after the issuance of the Ballistic Missile Defense Review.

*Aegis Ashore anti-air warfare capability (sec. 1682)*

The House bill contained a provision (sec. 1686) that would authorize the Secretary of Defense to use funds authorized by sections 101 and 201 of this Act for deployment of anti-air warfare capabilities at each Aegis Ashore site in Romania and the Republic of Poland. This provision would further require the Secretary to ensure that such capabilities are deployed at the site in Romania by not later than 1 year after the date of the enactment of this Act and at the site in Poland by not later than 1 year after the declaration of operational status of that site.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Development of persistent space-based sensor architecture (sec. 1683)*

The House bill contained a provision (sec. 1689) that would express the sense of Congress on the importance of a space-based missile defense sensor layer and would require the Director of the Missile Defense Agency, in coordination with the Secretary of the Air Force and the heads of the appropriate Defense Agencies and combat support agencies, to develop a space-based sensor layer for ballistic missile defense that provides precision tracking data of missiles beginning in the boost phase and continuing throughout subsequent flight regimes;

serves other intelligence, surveillance, and reconnaissance requirements; and achieves an operational prototype payload at the earliest practicable opportunity.

The Senate amendment contained a provision (sec. 1652) that would require the Director of the Missile Defense Agency to develop, using sound acquisition practices, a highly reliable and cost-effective persistent space-based sensor architecture capable of supporting the ballistic missile defense system to provide functions such as: (1) control of increased raid sizes; (2) precision tracking of threat missiles; (3) fire-control-quality tracks of evolving threat missiles; (4) enabling launch-on-remote and engage-on-remote capabilities; (5) discrimination of warheads; (6) effective kill assessment; (7) an enhanced shot doctrine; (8) integration with the command, control, battle management, and communication program of the ballistic missile defense system, (9) integration with all other elements of the current ballistic missile defense system, including the Terminal High Altitude Area Defense, Aegis Ballistic Missile Defense System, and Patriot Air and Missile Defense Systems; (10) and any additional functions the Ballistic Missile Defense Review finds to be appropriate.

The House recedes with an amendment that would require the Director of the Missile Defense Agency to submit a plan to Congress not later than one year after enactment of this act that describes how the Director will develop a space sensor layer and an assessment of the maturity of critical technologies necessary for making operational such a sensor layer.

*Iron Dome short-range rocket defense system and Israeli Cooperative Missile Defense Program co-development and co-production (sec. 1684)*

The House bill contained a provision (sec. 1687) that would make available \$92.0 million for fiscal year 2018 for procurement of system components for the Iron Dome short-range rocket defense system. The provision would condition those funds subject to the terms, conditions, and coproduction targets specified for fiscal year 2018 in a bilateral international agreement amending the "Agreement Between the Department of Defense of the United States of America and the Ministry of Defense of the State of Israel Concerning Iron Dome Defense System Procurement." The provision would also require that, not less than 30 days prior to the initial obligation of these funds, the Director of the Missile Defense Agency and the Under Secretary of Defense for Acquisition, Technology, and Logistics jointly submit to the congressional defense committees, the Committee on Foreign Affairs of the House of Representatives,

and the Committee on Foreign Relations of the Senate a certification that such agreement is being implemented as provided in the agreement and an assessment detailing any risks relating to the implementation of such agreement. The provision would also authorize \$221.5 million and \$287.3 million for fiscal year 2018 development, procurement, and coproduction of the David's Sling Weapon System and the Arrow 3 Upper Tier missile defense system, respectively. The provision would further specify the terms and conditions to be achieved by the Director of the Missile Defense Agency and the Under Secretary of Defense for Acquisition, Technology, and Logistics prior to the disbursement of the authorized funds for David's Sling and Arrow 3. The provision would also require the Under Secretary of Defense for Acquisition, Technology, and Logistics to provide a briefing to the congressional defense committees, the Committee on Foreign Affairs of the House of Representatives, and the Committee on Foreign Relations of the Senate on the plans for improving the affordability of the David's Sling Weapon system and the Arrow 3 Upper Tier Interceptor Program not later than 30 days after such plans are approved. Finally, this provision would limit the funds to be authorized by this Act or otherwise made available during fiscal year 2018 for the Missile Defense Agency for the testing of the Arrow 3 Upper Tier Development Program in ranges located in the United States and expenses related to such testing to not more than \$105.0 million.

The Senate amendment contained a provision (sec. 1651) that would authorize not more than \$92.0 million for the Missile Defense Agency to provide to the Government of Israel to procure Tamir interceptors for the Iron Dome short-range rocket defense system through coproduction of such interceptors in the United States. Before disbursing the funding for Iron Dome to the Government of Israel, the Director of the Missile Defense Agency and the Under Secretary of Defense for Acquisition and Sustainment must certify that the March 5, 2014, bilateral international agreement concerning Iron Dome, as amended, is being implemented. The provision would also authorize \$120.0 million for the Missile Defense Agency to provide to the Government of Israel for the procurement of the David's Sling Weapon System and \$120.0 million for the Arrow 3 Upper Tier Interceptor program, including for coproduction of parts and components in the United States by U.S. industry, after certain certifications. Finally, the provision would prohibit the obligation or expenditure of funds provided for the procurement of the Arrow 3 Upper Tier Interceptor program until 30 days after the successful completion of two flight tests at a test range in the United States.

The Senate amendment contained a further provision (sec. 6606) that would remove the limitation in section 1651 on the obligation or expenditure of funds authorized to be appropriated for procurement of the Arrow 3 Upper Tier Interceptor program.

The House recesses.

The conferees direct representatives from the David's Sling Weapon System Joint Affordability Working Group to brief the congressional defense committees no later than March 1, 2017 on the drivers of production costs, cost reduction initiatives, and efforts to achieve co-production efficiencies for the David's Sling program.

*Boost phase ballistic missile defense (sec. 1685)*

The House bill contained a provision (sec. 1694A) that would require the Secretary of Defense to ensure that an effective interim kinetic or directed energy boost phase ballistic missile defense capability is available for initial operational deployment not later than December 31, 2020. The provision would further require the Secretary to submit to the congressional defense committees a plan to achieve this requirement, including budget requirements, a robust test schedule, and a plan to develop enduring boost phase missile defense capability.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would express a sense of Congress that, if consistent with the direction or recommendations of the Ballistic Missile Defense Review, the Secretary of Defense should rapidly develop and demonstrate a boost phase intercept capability, as soon as practicable, for missile defense.

The conferees note that the Missile Defense Agency has completed an assessment of the cost, schedule and testing profile for a boost phase intercept capability and encourage the Missile Defense Agency to continue maturing the technology. As the Missile Defense Agency continues to develop a persistent space based sensor layer, it should, in parallel, coordinate its efforts to develop the boost phase missile defense capability in order to ensure a reasonable deployment date of both systems.

*Ground-based interceptor capability, capacity, and reliability (sec. 1686)*

The House bill contained a provision (sec. 1699F) that would require the Secretary of Defense to increase the number of U.S. ground-based interceptors (GBIs) by up to 28. The provision would further require the Director of the Missile Defense Agency



to submit to the congressional defense committees a report on infrastructure requirements and costs associated with increasing the number of ground-based interceptors at Missile Field 1 and Missile Field 2 at Fort Greely to 20 ground-based interceptors each.

The House bill contained another provision (sec. 1699G) that would express the sense of Congress that it is the policy of the United States to maintain and improve an effective, robust layered missile defense system. This provision would further require the Director of the Missile Defense Agency to submit to the congressional defense committees a report on the costs and benefits of increasing the capacity of the ground-based midcourse defense element of the ballistic missile defense system.

The Senate amendment contained a similar provision (sec. 1653) that would also require the Secretary to identify a ground-based interceptor stockpile storage site for up to 8 GBIs.

The House recedes with an amendment that would authorize the Secretary of Defense to procure up to 28 ground-based interceptors, if consistent with the direction or recommendations of the Ballistic Missile Defense Review and eliminates a number of reporting requirements, including on transportable ground-based interceptors, planned improvements to homeland ballistic missile defense sensor and discrimination capabilities, and supplementing ground-based midcourse defense elements with other, more distributed elements, as these reports would be duplicative to reports that have already been submitted to the congressional defense committees.

*Limitation on availability of funds for ground-based midcourse defense element of the ballistic missile defense system (sec. 1687)*

The House bill contained a provision (sec. 1691) that would limit the funds authorized by this Act for fiscal year 2018 for the Ground-Based Midcourse Defense (GMD) System by \$50.0 million until the Secretary of Defense provides a written certification that risk of mission failure of GMD-enhanced kill vehicles due to foreign object debris has been minimized or, if the certification cannot be made, a briefing on the corrective measures that will be carried out to minimize such risk.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the certification to be submitted by the Missile Defense Agency Director, rather than by the Secretary of Defense, and would remove the requirement for a briefing from the Missile Defense

Agency. If the Missile Defense Agency Director cannot submit the required certification, the Director shall provide a briefing to the Armed Services Committees of the House of Representatives and the Senate on the corrective measures that will be carried out to minimize such risk, including a timeline and cost for the implementation of these measures.

*Plan for development of space-based ballistic missile intercept layer (sec. 1688)*

The House bill contained a provision (sec. 1690) that would express the sense of Congress regarding the natural advantages of space systems and their potential integration into ballistic missile defense systems. The provision would also require the Missile Defense Agency to develop a space-based ballistic missile intercept layer, establish a space test bed for space-based ballistic missile intercept, and submit a plan for developing the space-based ballistic missile intercept layer.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the development of a space-based ballistic missile intercept layer if it is consistent with the direction or recommendations of the Ballistic Missile Defense Review and extend the plan to carry out the development of the space-based ballistic missile intercept layer to a ten-year period.

*Sense of Congress on the state of the missile defense of the United States (sec. 1689)*

The House bill contained a provision (sec. 1699E) that would express the sense of Congress that the Secretary of Defense should use the Ballistic Missile Defense Review (BMDR) to consider accelerating the development of technologies that will increase the capacity, capability, and reliability of the ground-based midcourse defense element of the ballistic missile defense system and that, upon completion of the BMDR, to the extent practicable and with sound acquisition practices, the Director of the Missile Defense Agency should accelerate the development, testing, and fielding of such capabilities as they are prioritized in the BMDR, to include the redesigned kill vehicle, the multi-object kill vehicle, the C3 booster, a space-based sensor layer, an airborne laser on unmanned aerial vehicles, and a potential additional missile defense site.

The Senate amendment contained a similar provision (sec. 1654) that also stated that it is essential for the Department of Defense and the Missile Defense Agency to follow a "fly

before you buy" approach before final production decisions or operational deployment.

The House recesses with a technical amendment.

*Sense of Congress and report on ground-based midcourse defense testing (sec. 1690)*

The House bill contained a provision (sec. 1699I) that would express the sense of the Congress that the Missile Defense Agency (MDA) should increase funding to homeland missile defense testing and continue to flight test the ground-based midcourse defense system at least once each fiscal year. The provision would further require the Director of the Missile Defense Agency to submit a report to the congressional defense committees that includes a revised missile defense testing campaign that accelerates the development and deployment of new missile defense technologies. Per the provision, this revised testing campaign should specifically review the acceleration of the redesigned kill vehicle, the multi-object kill vehicle, the configuration-3 booster, unmanned aerial vehicles that utilize directed energy, and a space-based missile defense sensor architecture.

The Senate amendment contained a similar provision (sec. 1655).

The Senate recesses with an amendment that would modify the provision to a sense of Congress and delay the reporting requirement to be submitted 90 days after the Ballistic Missile Defense Review is published.

## **SUBTITLE F—OTHER MATTERS**

*Commission to Assess the Threat to the United States from Electromagnetic Pulse Attacks and Similar Events (sec. 1691)*

The House bill contained a provision (sec. 1699B) that would establish a new Commission to Assess the Threat to the United States from Electromagnetic Pulse Attacks and Events, with 12 members appointed by the chairs and ranking members of the Committees on Armed Services of the Senate and the House of Representatives.

The Senate amendment contained no similar provision.

The Senate recesses with amendments that would clarify that geomagnetic disturbances and other events that could cause similar effects are within the scope of the commission, would change the termination and report dates for the commission, and would clarify the list of departments that must cooperate with the commission and provide liaison officers.

The conferees encourage the Department of Defense to consider, in its plans, requirements, doctrines, training, and acquisitions, the threat posed by electromagnetic pulse (EMP) attacks on the continental United States, on forward-deployed U.S. military forces, and allied forces and territory. The conferees further urge the Department to take appropriate and timely action to protect U.S. military installations, equipment, and personnel from EMP attacks.

*Protection of certain facilities and assets from unmanned aircraft (sec. 1692)*

The House bill contained a provision (sec. 1695) that would amend section 130i of title 10, United States Code, to provide the authority to protect against threats posed by nefarious or irresponsible use of unmanned aircraft systems (UAS) against certain military ranges and test facilities.

The Senate amendment contained no such provision.

The Senate recedes with an amendment that would augment the Secretary of Defense's existing authority to use counter-UAS (CUAS) technology to include additional critical mission areas in light of emerging threats posed to Department of Defense facilities and assets located within the United States (including the territories and possessions of the United States). The provision would require the Secretary of Defense to: coordinate with the Secretary of Transportation and the Federal Aviation Administration (FAA) Administrator to implement CUAS authority because of the potential effects to the national airspace system and civil aviation operations; implement CUAS capabilities that ensure privacy protection in a manner consistent with the Fourth Amendment to the United States Constitution and applicable Federal law; submit to Congress annual funding budget materials that describe the CUAS enterprise; and, conduct briefings, with the Secretary of Transportation, to the appropriate congressional committees on activities undertaken pursuant to the CUAS authority. Additionally, the provision would require Congress to review, modernize and reauthorize CUAS authority as integration of UAS technology and operation procedures are evolved into the National Airspace System by limiting to a period of three years the Department's exercise of CUAS authority for all newly added mission areas, with the exception of the new mission area included in the House provision.

The Department of Defense (DOD) made a request to the Armed Services Committees of the House of Representatives and the Senate on September, 27, 2017, to expand DOD's CUAS authority for specific mission areas. DOD asked the conferees

to consider a U.S. Government, inter-agency coordinated, legislative proposal that would expand the limited CUAS authority that was provided to the Department last year in the NDAA for Fiscal Year 2017 (P.L. 114-328). Despite the timing of the proposal, the conferees assessed it was imperative to consider the authority for expanded mission areas and additional legal protections in the legislative proposal, given the growing threat that nefarious and irresponsible use of UAS capabilities and the potential harm they could inflict against facilities and assets of the Department of Defense.

To coincide with Congress' close oversight of DOD's use of CUAS authority, the conferees direct the Comptroller General of the United States to provide a report to the Armed Services Committees of the House of Representatives and the Senate, the House Committee on Transportation and Infrastructure, and the Senate Committee on Commerce, Science, and Technology, not later than February 1, 2019. That report should assess DOD's oversight and use of authority pertaining to CUAS governance structure, budget and capabilities development, implementation strategy, effectiveness and efficiency of coordination between relevant U.S. Government departments and agencies, and what actions the Secretary of Defense and the FAA Administrator are taking to institutionalize collaboration and coordination efforts among federal agencies to responsibly exercise CUAS authority and ensuring the safety of civil aviation and the national airspace system.

The conferees note that the provision included in this Act would provide an exemption to section 46502 of title 49 United States Code, and any provision of title 18 United States Code, for members of the armed forces, officers, and civilian employees of DOD with assigned duties that include safety, security or protection of personnel, facilities or assets, and who may take actions to mitigate a UAS threat. The conferees are uncertain as to whether or not these same exemptions to United States Code should apply to certain employees of the FAA who assist DOD in the exercise of CUAS authority. Therefore, the conferees direct the Secretary of Transportation, in consultation with the Secretary of Defense, to provide a report to the House Committee on Transportation and Infrastructure, the Senate Committee on Commerce, Science, and Technology, and the Committees on Armed Services of the House of Representatives and the Senate, not later than March 1, 2018, that would thoroughly assess the need for certain employees of the FAA, who assist DOD in the exercise of CUAS authority, to be afforded the same, or similar, CUAS authority and legal protections as provided to DOD personnel. Additionally, if it is determined that certain FAA employees should be afforded the same, or similar, legal

protections as DOD personnel, the conferees expect submission from the appropriate Secretary to Congress of a U.S. Government inter-agency coordinated legislative proposal during a future budget request.

Finally, in the face of a growing threat to U.S. Government facilities, and Department of Defense facilities in particular, the conferees encourage the Department to inform the appropriate congressional committees of specific and validated requirements to protect its facilities, assets, and personnel for the mission areas designated in this provision, and for any emergent mission areas in the future. Accordingly, the conferees expect the Department of Defense to coordinate closely with the Secretary of Transportation and other Executive Branch departments, as appropriate, through effective and efficient interagency processes to ensure that the use of CUAS authority comports with relevant regulations governing the safe and efficient use of the National Airspace System, protects constitutional civil liberties, and is judiciously and responsibly employed for the highest-priority facilities and assets of the Department of Defense.

*Conventional prompt global strike weapons system (sec. 1693)*

The House bill contained a provision (sec. 1692) that would require the Secretary of Defense, coordination with the Chairman of the Joint Chiefs of Staff, to plan to reach early operational capability for the conventional prompt strike weapon system by not later than September 30, 2022. The provision would also limit the obligation or expenditure of funds for fiscal year 2018 for research, development, test, and evaluation, Defense-wide, for this system to no more than 50 percent until the Chairman submits a report to the congressional defense committees.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would remove the limitation on funds, and instead require the same report due 180 days from the date of enactment of this Act.

*Business case analysis regarding ammonium perchlorate (sec. 1694)*

The House bill contained two provisions that would require reports concerning ammonium perchlorate. One provision (sec. 1697) would require a report concerning the costs associated with using a new supplier of ammonium perchlorate, including requalification costs. The other provision (sec. 1698) would require the Director of Cost Assessment and Program Evaluation

to do a business case analysis regarding options for maintaining a second domestic supply of ammonium perchlorate. This provision would also prohibit the Department of Defense from using funds to develop a new source for ammonium perchlorate until after the report was completed.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would combine both provisions into one and remove the limitation on the Department of Defense funds to develop a new source for ammonium perchlorate.

*Report on industrial base for large solid rocket motors and related technologies (sec. 1695)*

The House bill contained a provision (sec. 1699) that would require the Secretary of Defense, in consultation with the Administrator of the National Aeronautics and Space Administration, to develop a plan to ensure a robust domestic industrial base for large solid rocket motors and critical technologies, subsystems, components, and materials related to such rocket motors.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would require the Secretary of Defense, in consultation with the Administrator of the National Aeronautics and Space Administration, to submit a report by March 1, 2018. The report shall include an assessment of options to sustain two domestic suppliers of:

- (1) large solid rocket motors;
- (2) small liquid-fueled rocket engines;
- (3) aeroshells for reentry vehicles or reentry

bodies;

- (4) strategic radiation-hardened microelectronics;

and

(5) any other critical technologies, subsystems, components, and materials within and relating to large solid rocket motors that the Secretary determines appropriate.

For the items listed above, the Secretary shall also include views on sustaining two or more suppliers, risks within the industrial base, estimated costs for sustaining multiple suppliers, and opportunities to ensure competition.

*Pilot program on enhancing information sharing for security of supply chain (sec. 1696)*

The House bill contained a provision (sec. 1699A) that would direct the Secretary of Defense to establish a pilot program by June 1, 2019, to enhance information sharing with

cleared defense contractors for the purpose of ensuring supply chain security. This provision would also require the Secretary to select 10 acquisition or sustainment programs to participate in the pilot program and would further provide criteria that the Secretary would be required to satisfy when selecting the 10 programs.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Pilot program on electromagnetic spectrum mapping (sec. 1697)*

The House bill contained a provision (sec. 1699C) that would establish a pilot program to assess the viability of space-based mapping of the electromagnetic spectrum used by the Department of Defense.

The Senate amendment contained no similar provision.

The Senate recedes with a clarifying amendment.

*Use of commercial items in Distributed Common Ground Systems (sec. 1698)*

The House bill contained a provision (sec. 1696) that would require that procurement for each Distributed Common Ground System (DCGS) be carried out in accordance with section 2377 of title 10, United States Code.

The Senate amendment contained no similar provision.

The Senate recedes.

**LEGISLATIVE PROVISIONS NOT ADOPTED**

*Establishment of subordinate unified command of the United States Strategic Command*

The House bill contained a provision (sec. 1602) that would direct the Secretary of Defense to establish United States Space Command as a subordinate unified command under United States Strategic Command not later than January 1, 2019. This provision would also require the commander of such command to hold a four-star rank and be appointed by the President and confirmed by the Senate. The commander would exercise command of joint space activities or missions, and the United States Space Command would be jointly staffed.

The Senate amendment contained no similar provision.

The House recedes.

*Policy of the United States with respect to classification of space as a combat domain*



The Senate amendment contained a provision (sec. 1605) that would state that it is the policy of the United States to develop, procure, field, and maintain an integrated system of assets in response to the increasingly contested nature of the space operating domain to: (1) ensure the resilience of capabilities at every level of orbit in space; (2) deter or deny an attack on capabilities at every level of orbit in space; and (3) defend the territory of the United States, its allies, and its deployed forces across all operating domains.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that space is a combat domain and that the provision was not included only because it was duplicative of previous policy already asserting such.

*Conditional transfer of acquisition and funding authority of certain weather missions to National Reconnaissance Office*

The House bill contained a provision (sec. 1614) that would require the Secretary of the Air Force and the Director of the National Reconnaissance Office to execute the transfer of certain weather missions from the Air Force to the National Reconnaissance Office unless the Secretary and Director both issued the waivers described in section 1614(c) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328).

The Senate amendment contained no similar provision.

The House recesses.

*Report on space-based nuclear detection*

The House bill contained a provision (sec. 1624) that would require the Secretary of Defense, the Chairman of the Joint Chiefs of Staff, the Secretary of Energy, and the Secretary of State to jointly submit to the congressional defense and intelligence committees a report on space-based nuclear detection.

The Senate amendment contained no similar provision.

The House recesses.

The conferees direct the Secretary of Defense to provide a briefing with the appropriate representatives from the office of the Chairman of the Joint Chiefs of Staff, the Department of Energy, and the State Department to the congressional defense and intelligence committees on space-based nuclear detection. The briefing shall include a strategic plan, including with respect to current and planned space platforms, to host the relevant payloads. The briefing shall also include a discussion

on the current and planned national security requirements for space-based nuclear detection including: which agencies own the requirements; how current requirements compare to past requirements; and how future funding for the space-based nuclear detection program is being provided by each such department or agency to meet each mission requirement.

*Sense of Congress on new commercial satellite servicing activities*

The House bill contained a provision (sec. 1625) that would express the sense of Congress that government funding and support is an important element in fostering the development of a robust marketplace of new commercial satellite servicing activities and that Federal Government should ensure that its actions do not unduly or artificially distort competition in the market for new commercial satellite servicing activities.

The Senate amendment contained no similar provision.  
The House recesses.

*Prohibition on use of software platforms developed by Kaspersky Lab*

The Senate amendment contained a provision (sec. 1630B) that would prohibit any component of the Department of Defense from using, whether directly or through work with or on behalf of another element of the United States Government, from using any software platform developed, in whole or in part, by Kaspersky Lab or any entity of which Kaspersky Lab has a majority ownership.

The Senate amendment contained another provision (sec. 11602) that would provide that section 1630B would have no force or effect.

The House bill contained no similar provision.

The Senate recesses. The conferees note that section 11603 of the Senate amendment, which would prohibit any department, agency, organization, or other element of the United States Government from using any product developed by Kaspersky Lab or any entity of which Kaspersky Lab has majority ownership, represented a broader substitute for section 1630B of the Senate amendment.

*Prohibition on availability of funds for certain relocation activities for NATO intelligence fusion center*

The House bill contained a provision (sec. 1637) that would prohibit the availability of funds for fiscal year 2018

for the procurement of fit-out supplies and equipment to support the relocation of the NIFC from RAF Molesworth (United Kingdom) to RAF Croughton (United Kingdom).

The Senate amendment contained no similar provision.

The House recesses.

*Sense of Congress and report on geospatial commercial activities for basic and applied research and development*

The House bill contained a provision (sec. 1639) that would express the sense of Congress on geospatial commercial activities for basic and applied research and development and would require a report on authorities needed to establish commercial activities for the purposes of research and technology development.

The Senate amendment contained no similar provision.

The House recesses.

The conferees support pursuing innovative solutions to the pressing challenge of automated exploitation of imagery to address both the vast quantities of imagery collected by the armed forces and the intelligence community and the speed required to support military action against fleeting targets. The conferees understand that many U.S. commercial technology companies, which are not part of the Defense Department's established industrial base, possess the needed talent and technological capability in artificial intelligence and machine learning. The conferees further understand that the key to the development of effective machine learning algorithms is access to large volumes of data on which to train.

The conferees recognize that the National Geospatial-Intelligence Agency's (NGA) large holdings of imagery data are therefore of immense value and grasp the logic behind NGA's proposal to invest that data in partnership with leading edge companies. However, while the conferees are supportive of NGA's objectives of more effectively harnessing private industry expertise, questions remain about many details of the proposal, including the request to waive certain statutes, rules, and regulations, as well as the lack of a plan for sharing of classified or otherwise sensitive data.

The conferees encourage NGA to continue to work within the Department of Defense to develop and submit a legislative proposal to the House and Senate Armed Services in time for consideration of the National Defense Authorization Act for Fiscal Year 2019. In the meantime, the conferees encourage NGA to use all available authorities and opportunities to advance artificial intelligence and machine learning capabilities in partnership with commercial industry to achieve automated

exploitation of its data, including by working with the Defense Innovation Unit Experimental (DIUx) to make NGA data available to the DIUx DataHub contractors for synthetic aperture radar imagery exploitation. The conferees direct the NGA to keep the Armed Services Committees of the Senate and House of Representatives updated on its activities in this area and to identify challenges that remain. The conferees look forward to continuing to work with the NGA on addressing this matter.

#### *Department of Defense Counterintelligence polygraph program*

The House bill contained a provision (sec. 1640) that would authorize the Secretary of Defense to add dual citizens in positions with access to highly classified information to their counterintelligence polygraph program, for the purposes of assessing risk.

The Senate amendment contained no similar provision.

The House recesses.

#### *Security clearance for dual-nationals*

The House bill contained a provision (sec. 1641) that would require the Secretary of Defense to provide additional review before approving a security clearance for a United States national who also has the nationality of a foreign state (a dual national) who is appointed to or hired for a position designated by the Office of Personnel Management as critical sensitive or special sensitive. The provision would also authorize the Secretary of Defense to waive this requirement for certain dual nationals.

The Senate amendment contained no similar provision.

The House recesses.

#### *Suspension or revocation of security clearances based on unlawful or inappropriate contacts with representatives of a foreign government*

The House bill contained a provision (sec. 1642) that would authorize the Secretary of Defense to suspend or revoke any security clearance granted by the Department of Defense if the holder of that security clearance has engaged in unlawful or inappropriate contacts with representatives of the government of a foreign country.

The Senate amendment contained no similar provision.

The House recesses.

#### *Strategy for the offensive use of cyber capabilities*

The House bill contained a provision (sec. 1656) that would require the President to develop a written strategy for the offensive use of cyber capabilities by departments and agencies of the Federal Government.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the elements of this strategy have been incorporated in a separate provision in this Act requiring the Department of Defense conduct a Cyber Posture Review.

#### *Definition of deterrence in the context of cyber operations*

The House bill contained a provision (sec. 1658) that would require the Secretary of Defense to develop a definition of "deterrence" to be used in the context of cyber operations in the Department of Defense and assess this definition's impact on the Department's cyber strategy.

The Senate amendment contained a provision (sec. 1630A) that would require the Secretary of Defense to submit to the congressional defense committees a report on various approaches to cyber deterrence.

The conference agreement does not include either provision. The conferees note that elements of both provisions have been incorporated in a separate provision in this act requiring the Department of Defense conduct a Cyber Posture Review.

#### *Short title*

The Senate amendment contained a provision (sec. 1661) that would establish a subtitle as the "Cyber Scholarship Opportunities Act of 2017."

The House bill contained no similar provision.

The Senate recesses.

#### *Review of proposed ground-based midcourse defense system contract*

The House bill contained a provision (sec. 1688) that would prohibit the Director of the Missile Defense Agency from changing the contracting strategy for the systems integration, operations, and test of the Ground-based Midcourse Defense (GMD) system until 30 days after the report specified at the end of this provision is submitted to the congressional defense committees. The provision would further require the Director of Cost Assessment and Program Evaluation (CAPE) to conduct a review of the contract for the systems integration, operations,

and test of the GMD system and submit such review to the Under Secretary of Defense for Research and Engineering and the Missile Defense Executive Board. Finally, the provision would require the Under Secretary of Defense for Research and Engineering and the Missile Defense Executive Board to submit a report to the congressional defense committees within 30 days after the review is received that includes the review itself, without change, and any views and recommendations of the Under Secretary and the Board on the review.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Short title*

The House bill contained a provision (sec. 1699D) that would establish the subtitle as the Advancing America's Missile Defense Act of 2017.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Evaluation and evolution of terrestrial ground-based midcourse defense sensors*

The House bill contained a provision (sec. 1699H) that would require the Director of the Missile Defense Agency to submit a report on the status of the integrated layers of missile defense radars, including the Long Range Discrimination Radar and Cobra Dane.

The Senate amendment contained no similar provision.  
The House recesses.

The conferees are aware of the critical sensor coverage that the Cobra Dane radar provides to the Ballistic Missile Defense System in the tracking of threatening ballistic missiles, as well as its role in space surveillance and identification of space objects, but that it confronts growing sustainment and obsolescence challenges. Additionally, the conferees support the deployment of the Long Range Discrimination Radar (LRDR) for improved persistent long-range midcourse discrimination, precision tracking, and hit assessment of threat ballistic missiles, but acknowledge that the LRDR is not a one-for-one replacement for the Cobra Dane radar. In addition, the conferees are concerned that, as the Air Force's new space fence radar becomes operational in 2020, the Air Force will not need the capabilities of the Cobra Dane radar for space surveillance. The conferees remain concerned about the lack of a comprehensive and credible plan for cost-effective investments

in technology refresh to maximize Cobra Dane's reliability and minimize life cycle costs.

Therefore, the conferees direct the Secretary of the Air Force, in coordination with the Director of the Missile Defense Agency and the Commander of U.S. Northern Command, to submit to the congressional defense committees concurrently with the fiscal year 2019 budget request, a report on the long-term operation and sustainment of Cobra Dane. The report should characterize Cobra Dane's current operational availability and sustainment challenges and include a detailed comparison of the capabilities of the LRDR and the Cobra Dane radar, to include the unique capabilities of each radar, the common capabilities of each radar, and the advantages and disadvantages of each radar's location. It should also include a plan, with an associated cost estimate and funding profile across the future years defense program, for meeting the military's requirements through alternative radar solutions or the continued operation and maintenance of the Cobra Dane radar. Plans for sustainment of the Cobra Dane radar should address obsolescence challenges and expediting and smoothing investments in priority refresh projects, such as transmitter group replacement, automated data processing equipment rehost, and traveling wave tube redesign in fiscal year 2019 and over the future years defense program. Finally, the report should outline the costs, and how they will be shared, to maintain operational access and sustainment of Shemya Island, on which the radar resides. The conferees also direct the Comptroller General of the United States to review the plan described above and submit a report to the congressional defense committees on such a review, including findings and recommendations, not later than 90 days after the release of the fiscal year 2019 budget request.

*Sense of Congress on establishing an award program for the cyber community of the Department of Defense*

The Senate amendment contained a provision (sec. 6602) that would express the sense of Congress that the Secretary of Defense should consider establishing an award program for employees of the Department of Defense who carry out the cyber missions or functions of the Department.

The House bill contained no similar provision.

The Senate recedes.

*Report on integration of modernization and sustainment of nuclear triad*

The Senate amendment contained a provision (sec. 6607) that would require the Under Secretary of Defense for Acquisition, Technology, and Logistics, in coordination with the Secretary of the Navy and the Secretary of the Air Force, to submit a report to the congressional defense committees on the potential to achieve greater efficiency by integrating elements of acquisition programs related to the modernization and sustainment of the nuclear triad.

The House bill contained no similar provision.

The Senate recesses.

The conferees note that the Secretary of Defense has called for "horizontal integration across DoD components to improve efficiency and take advantage of economies of scale." The conferees urge the Navy, the Air Force, the Missile Defense Agency, and other components of the Department of Defense and wider U.S. Government to work together to increase integration, co-location, and commonality where appropriate between acquisition programs to improve efficiency and effectiveness for programs related to nuclear forces, large diameter missiles and rockets, and other pertinent capabilities.

*Report on progress made in implementing the Cyber Excepted Personnel System*

The Senate amendment contained a provision (sec. 11605) that would amend section 1599f(h)(2) of title 10, United States Code, by adding a new subparagraph that would require an assessment of the progress made in implementing the Cyber Excepted Personnel System.

The House bill contained no similar provision.

The Senate recesses.

The conferees direct the Secretary of Defense to brief the Committees on Armed Services of the Senate and the House of Representatives, no later than 180 days after the date of enactment of this Act, on the process made in implementing the Cyber Excepted Personnel System.

## **TITLE XVII—SMALL BUSINESS PROCUREMENT AND INDUSTRIAL BASE MATTERS**

*Amendments to HUBZone provisions of the Small Business Act (sec. 1701)*

The Senate amendment contained a provision (sec. 899C) that would expand the pool of eligible communities for the Small Business Administration's (SBA) Historically Underutilized



Business Zone (HUBZone) program and provides much-needed flexibility to rural small businesses participating in the program. This provision would allow governors to directly petition SBA to designate additional rural areas as HUBZones; would reduce the number of a small firm's employees required to live within a HUBZone from 35 to 33 percent; and would require SBA's HUBZone office to make a decision on a governor's application within 60 days.

The House bill contained no similar provision.

The House recesses with an amendment that would change the nonmetropolitan county formula, currently used for the SBA HUBZone program, to the State medium income; this would allow more than 1,000 more HUBZone areas to qualify for the program. It would create new performance metrics for the SBA HUBZone program; it would also require the SBA to conduct biennial and random program examinations, and if a firm loses certification due to an examination, it would have 30 days to submit documentation to the SBA reestablishing certification. It would require the SBA to process HUBZone applications within 60 days after submission; require firms to recertify every 3 years; consolidate the HUBZone statutes from section 3 (definitions) and section 31 (HUBZone program) into the HUBZone program section. It would also establish a new time model for the HUBZone program, recalculating in 5-year increments starting in 2020; requiring the establishment of a new HUBZone map that will refresh every 5-years (starting in 2020). It would allow State governors to petition the SBA to certify as a HUBZone in an area that would otherwise not qualify; would require the SBA to maintain a list of qualified firms online; update appropriations language to 2020; and would ensure that Base Realignment and Closure (BRAC) areas maintain their HUBZone status for a certain number of years. Finally, this provision would keep current qualified and redesignated firms eligible until January 1, 2020; and in 2020, the rest of the provision will be enacted moving the HUBZone program into its proposed 5-year cycle.

#### *Uniformity in procurement terminology (sec. 1702)*

The House bill contained a provision (sec. 1702) that would amend section 3(m) of the Small Business Act (15 U.S.C. 632(m)) and section 15(j) of the Small Business Act (15 U.S.C. 644(j)) to update procurement terminology consistent with the Federal Acquisition Regulation and with terminology used in titles 10 and 41, United States Code.

The Senate amendment contained no similar provision.

The Senate recesses.

*Improving reporting on small business goals (sec. 1703)*

The House bill contained a provision (sec. 1701) that would amend section 15(h) of the Small Business Act (15 U.S.C. 644(h)) to require the Small Business Administration, using data already required to be collected from contractors, to track companies that outgrow or no longer qualify for a small business program, as well as identify how prime contracting goals are met.

The Senate amendment contained no similar provision.  
The Senate recesses.

*Responsibilities of Business Opportunity Specialists (sec. 1704)*

The House bill contained a provision (sec. 1704) that would amend section 4(g) of the Small Business Act (15 U.S.C. 633(g)) to add a job description and reporting hierarchy for business opportunity specialists of the Small Business Administration.

The Senate amendment contained no similar provision.  
The Senate recesses.

*Responsibilities of commercial market representatives (sec. 1705)*

The House bill contained a provision (sec. 1703) that would amend section 4(h) of the Small Business Act (15 U.S.C. 633(h)) to provide a clear definition of the duties and responsibilities of the commercial market representatives employed by the Small Business Administration.

The Senate amendment contained a similar provision (sec. 10801).

The House recesses.

*Modification of past performance pilot program to include consideration of past performance with allies of the United States (sec. 1706)*

The House bill contained a provision (sec. 1741) that would amend section 8(d)(17) of the Small Business Act (15 U.S.C. 637(d)(17)) to require that the past performance pilot program authorized in section 8(d) of the Small Business Act allow small businesses to submit performance of a contract for a sale of defense items to the Government of a North Atlantic Treaty Organization (NATO) ally, the Government of a major non-NATO ally, or the government of a country with which the United

States has a defense cooperation agreement for consideration for a past performance rating.

The Senate amendment contained no similar provision.

The Senate recesses.

*Notice of cost-free Federal procurement technical assistance in connection with registration of small business concerns on procurement websites of the Department of Defense (sec. 1707)*

The House bill contained a provision (sec. 867) that would require the Secretary of Defense to establish procedures to include information about cost-free services provided by a Federal procurement technical assistance program in notices or direct communications regarding the registration of a small business on a Department of Defense procurement website.

The Senate amendment contained no similar provision.

The Senate recesses.

*Inclusion of SBIR and STTR programs in technical assistance (sec. 1708)*

The House bill contained a provision (sec. 860B) that would amend section 2418(c) of title 10 to authorize Procurement Technical Assistance Centers, established pursuant to the Procurement Technical Assistance Program administered by the Defense Logistics Agency, to assist eligible small business owners in pursuing opportunities during all phases of the Small Business Innovation Research and Small Business Technology Transfer programs, which enable small businesses to engage in federal research and development that has the potential for commercialization.

The Senate amendment contained no similar provision.

The Senate recesses.

*Requirements relating to competitive procedures and justification for awards under the SBIR and STTR programs (sec. 1709)*

The Senate amendment contained a provision (sec. 897) that would amend section 9(r)(4) of the Small Business Act (15 U.S.C. 638(r)(4)). The provision would clarify that the issuance of Phase III awards should give preference to the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) award recipients who developed the technology. This provision would also clarify that SBIR and STTR award recipients should fulfill the competition requirements under

section 2304 of title 10, United States Code, for military procurement.

The House bill contained no similar provision.

The House recedes with an amendment that would make conforming amendments to the Competition in Contracting Act (Public Law 98-369).

*Pilot program for streamlined technology transition from the SBIR and STTR programs of the Department of Defense (sec. 1710)*

The Senate amendment contained a provision (sec. 898) that would require the Secretary of Defense to establish a pilot program for the commercialization of products and services produced by covered small business concerns developed through the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs. This provision would encourage the Secretary of Defense to set up a multiple award contract for those products and services. The pilot program would terminate on September 30, 2023.

The House bill contained no similar provision.

The House recedes.

*Pilot program on strengthening manufacturing in the defense industrial base (sec. 1711)*

The Senate amendment contained a provision (sec. 862) that would create a pilot program that would authorize the Department of Defense to use existing authorities to support investments that enhance the ability of the defense industrial base to meet military needs. The provision would also authorize the Department to invest in the manufacture of these kinds of technologies and systems, especially through the use of contracts, loan guarantees, direct loans, and purchases of equipment to support the startup of needed production lines. Further, the provision would allow the Department to engage with private sector financing and investment instruments, including instruments that take equity stakes in concerns - so as to support needed advanced manufacturing capabilities.

The House bill contained no similar provision.

The House recedes with an amendment that would clarify the authorities to be considered under the pilot program.

*Review regarding applicability of foreign ownership, control, or influence requirements of National Industrial Security Program to national technology and industrial base companies (sec. 1712)*

The Senate amendment contained a provision (sec. 861) that would require the Secretary of Defense to review whether companies whose ownership is based in countries that are part of the national technology and industrial base (as defined by section 2500 of title 10, United States Code) should be exempted from the foreign ownership, control, or influence (FOCI) requirements of the National Security Industrial Program. This provision would also allow the Secretary of Defense, with the concurrence of the Secretary of State, to maintain a list of companies whose ownership is based in countries that are part of the national technology and industrial base that are eligible for such an exemption from FOCI.

The House bill contained no similar provision.

The House recedes with an amendment that would make technical amendments and require consultation with the Director of the Information Security Oversight Office.

*Report on sourcing of tungsten and tungsten powders from domestic producers (sec. 1713)*

The House bill contained a provision (sec. 877) that would require the Secretary of Defense to submit to the congressional defense committees a report on the procurement of tungsten and tungsten powders for military applications not later than one year after the date of the enactment of this Act.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Report on utilization of small business concerns for Federal contracts (sec. 1714)*

The Senate amendment contained a provision (sec. 14012) that would require the Administrator of the Small Business Administration to submit to the Committee on Small Business and Entrepreneurship of the Senate and the Committee on Small Business of the House of Representatives a report on whether small business concerns are being utilized in a significant portion of the Federal market on multiple award contracts and a determination as to whether performance requirements for multiple award contracts are feasible and appropriate for small business concerns.

The House bill contained no similar provision.

The House recedes.

## **LEGISLATIVE PROVISIONS NOT ADOPTED**

*Office of Women's Business Ownership*

The House bill contained a provision (sec. 1711) that would amend section 29(g) of the Small Business Act (15 U.S.C. 656(g)) to clarify the duties of the Small Business Administration's Office of Women's Business Ownership and require that the office establish an accreditation program for its grant recipients.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Women's Business Center Program*

The House bill contained a provision (sec. 1712) that would amend section 29 of the Small Business Act (15 U.S.C. 656), relating to the Women's Business Center Program, to provide definitions of key terms relating to eligibility; adjust the statutory cap on grants and requirement for matching funds by \$0.035 million; establish a mechanism for use of unobligated grant funds at the end of the fiscal year; and improve oversight of grant recipients. This section also would require longer term planning, provide for continued authorization levels, and improve the application process.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Matching requirements under Women's Business Center Program*

The House bill contained a provision (sec. 1713) that would amend section 29 of the Small Business Act (15 U.S.C. 656), relating to the Women's Business Center Program, to limit the ability of the Administrator of the Small Business Administration to waive the requirement for matching funds by grant recipients. It also would provide that excess non-Federal dollars obtained by a grant recipient would not be subject to part 200 of title 2, Code of Federal Regulations, or any successor regulations.

The Senate amendment contained no similar provision.  
The House recesses.

#### *SCORE reauthorization*

The House bill contained a provision (sec. 1721) that would amend section 20 of the Small Business Act (15 U.S.C. 631 note) to authorize the SCORE program through fiscal year 2019, and to permit the current level of appropriations to extend through that period.

The Senate amendment contained no similar provision.

The House recesses.

*SCORE program*

The House bill contained a provision (sec. 1722) that would amend sections 8(b) and 8(c) of the Small Business Act (15 U.S.C. 637(b)-(c)) to rename the Service Corps of Retired Executives program as the "SCORE" program. This provision would provide definitions for terms used in the SCORE program, require an annual report on the effectiveness of the program, and direct the Small Business Administration to establish standards protecting the information of entrepreneurs counseled by SCORE. Finally, this provision would direct SCORE to utilize webinars and electronic mentoring as a way to increase SCORE's presence, and to engage in longer term strategic planning.

The Senate amendment contained no similar provision.

The House recesses.

*Online component*

The House bill contained a provision (sec. 1723) that would amend section 8(c) of the Small Business Act (15 U.S.C. 637(c)) to require SCORE to utilize webinars and electronic mentoring as a way to increase SCORE's presence. The provision would further require SCORE to provide a report to the Senate Committee on Small Business and Entrepreneurship and the House Committee on Small Business regarding the results of the online component requirement.

The Senate amendment contained no similar provision.

The House recesses.

*Study and report on the future role of the SCORE program*

The House bill contained a provision (sec. 1724) that would require SCORE to engage in long-term strategic planning for how the program will evolve to meet the needs of America's entrepreneurs over the next 5 years.

The Senate amendment contained no similar provision.

The House recesses.

*Technical and conforming amendments*

The House bill contained a provision (sec. 1725) that would make technical and conforming amendments to the Small Business Act (15 U.S.C. 631) reflective of other changes made in this title, such as the changing of name of program from Services Corps of Retired Executives to SCORE.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Use of authorized entrepreneurial development programs*

The House bill contained a provision (sec. 1731) that would amend the Small Business Act (15 U.S.C. 631) by creating a new section to prohibit the Administrator of the Small Business Administration (SBA) from using unauthorized programs to deliver entrepreneurial development assistance. This provision would also require the Administrator to issue a report to the Committee on Small Business of the House of Representatives and the Committee on Small Business and Entrepreneurship of the Senate detailing all entrepreneurial development activities to ensure taxpayer dollars are being spent wisely and efficiently.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Marketing of services*

The House bill contained a provision (sec. 1732) that would amend section 21 of the Small Business Act (15 U.S.C. 648) by creating a new subsection to provide more flexibility to Small Business Development Centers to market and advertise their products and services.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Data collection*

The House bill contained a provision (sec. 1733) that would amend section 21(a)(3)(A) of the Small Business Act (15 U.S.C. 648(a)(3)(A)) to require the Administrator of the Small Business Administration to collaborate with the Association of Small Business Development Centers, which acts as a resource partner, on the development of data collection documents. The provision would further create a new subsection that requires an annual report to the Committee on Small Business of the House of Representatives and the Committee on Small Business and Entrepreneurship of the Senate on data collection activities and establishes a working group on data collection.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Fees from private partnerships and cosponsorships*



The House bill contained a provision (sec. 1734) that would further amend Section 21(a)(3) of the Small Business Act (15 U.S.C. 648(a)(3)(C)), as amended by section 104, to allow Small Business Development Centers to collect fees for the operation of partnerships and cosponsorships, which is currently not permissible.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Equity for small business development centers*

The House bill contained a provision (sec. 1735) that would amend section 21(a)(4)(C)(v) of the Small Business Act (15 U.S.C. 648(a)(4)(C)(v)) to increase by \$100,000 the authorized funding level that could be used by the Administrator of the Small Business Administration to pay the Association of Small Business Development Centers for accreditation services, which would help to ensure enhanced Small Business Development Centers across the United States.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Confidentiality requirements*

The House bill contained a provision (sec. 1736) that would amend Section 21(a)(7)(A) of the Small Business Act (15 U.S.C. 648(a)(7)(A)) to prohibit the Small Business Administration from sharing Small Business Development Center client information with third parties.

The Senate amendment contained no similar provision.  
The House recesses.

#### *Limitation on award of grants to small business development centers*

The House bill contained a provision (sec. 1737) that would amend Section 21 of the Small Business Act (15 U.S.C. 648) by creating a new subsection that prohibits entities other than higher education institutions from becoming a Small Business Development Center grantee. The provision also would provide an exception to those non-higher education entities that are currently operating in the program. The provision would also clarify that Women's Business Centers may receive funds from Small Business Development Center lead centers to act as subgrantees.

The Senate amendment contained no similar provision.  
The House recesses.

## **TITLE XVIII—GOVERNMENT PURCHASE AND TRAVEL CARDS**

*Government purchase and travel cards (secs. 1801-1806)*

The Senate amendment contained six provisions (secs. 1077-1082) to curb improper payments that together would require the Director of the Office of Management and Budget to expand the use of data analytics; to issue guidance to improve information sharing; and to establish an interagency charge card data management group; and would require the Administrator for General Services to report on implementation of these activities.

The House bill contained no similar provision.

The House recesses, with several technical/clarifying amendments.

## **DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS**

*Summary*

Division B of this Act authorizes funding for military construction projects of the Department of Defense. It includes funding authorizations for the construction and operation of military family housing as well as military construction for the reserve components, the defense agencies, and the North Atlantic Treaty Organization Security Investment Program. It also provides authorization for the base closure accounts that fund military construction, environmental cleanup, and other activities required to implement the decisions in base closure rounds. The tables contained in this Act provide the project-level authorizations for the military construction funding authorized in Division B of this Act and summarize that funding by account.

*Short title (sec. 2001)*

The House bill contained a provision (sec. 2001) that would cite division B of this Act as the "Military Construction Authorization Act for Fiscal Year 2018."

The Senate amendment contained an identical provision (sec. 2001).

The conference agreement includes this provision.

*Expiration of authorizations and amounts required to be specified by law (sec. 2002)*

The House bill contained a provision (sec. 2002) that would ensure that the authorizations provided in titles XXI through XXVII and title XXIX of the House bill would expire on October 1, 2020, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2021, whichever is later.

The Senate amendment contained a similar provision (sec. 2002) that would extend the authorization until October 1, 2022, or the date of enactment of an Act authorizing funds for military construction for fiscal year 2023, whichever is later.

The House recedes.

*Effective date (sec. 2003)*

The House bill contained a provision (sec. 2003) that would provide that titles XXI through XXVII and title XXIX of this Act would take effect on October 1, 2017, or the date of the enactment of this Act, whichever is later.

The Senate amendment contained an identical provision (sec. 2003).

The conference agreement includes this provision.

## **TITLE XXI—ARMY MILITARY CONSTRUCTION**

*Summary*

The budget request included \$920.4 million for military construction and \$529.3 million for family housing for the Army in fiscal year 2018.

The conference agreement includes authorization of appropriations of \$982.8 million for military construction and \$529.3 million for family housing for the Army in fiscal year 2018.

The agreement includes authorization for three projects from the Army's unfunded requirements list. These projects include: \$33.0 million for a Vehicle Maintenance Shop at Fort Hood, Texas; \$25.0 million for an Operational Readiness Training Complex at Pohakulo Training Area, Hawaii; and \$10.8 million for an Air Traffic Control Tower at Fort Benning, Georgia.

In addition, the agreement recommends reduction of funding for a project contained in the base budget request for military construction and family housing and recommends a transfer of

this project to the Overseas Contingency Operations title of this Act. This reduction is:

(1) \$6.4 million for the Forward Operating Site at an unspecified location in Turkey. The budget request included \$6.4 million to support the expansion of Life and Mission support facilities for U.S. and host-nation personnel at a Missile Defense forward operating site (FOS). The conferees support this requirement. However, the agreement recommends no funds in the base budget, a reduction of \$6.4 million, for this project in order to transfer this project to Title XXIX, Overseas Contingency Operations Military Construction.

*Authorized Army construction and land acquisition projects (sec. 2101)*

The House bill contained a provision (sec. 2101) that would authorize military construction projects for the active component of the Army for fiscal year 2018. The authorized amount is listed on an installation-by-installation basis. The State list contained in this Act is intended to be the binding list of the specific projects authorized at each location.

The Senate amendment contained a similar provision (sec. 2101).

The Senate recedes with a technical amendment.

*Family housing (sec. 2102)*

The House bill contained a provision (sec. 2102) that would authorize new construction and planning and design of family housing units for the Army for fiscal year 2018.

The Senate amendment contained a similar provision (sec. 2102).

The Senate recedes with technical amendment.

*Improvements to military family housing units (sec. 2103)*

The House bill contained a provision (sec. 2103) that would authorize the Secretary of the Army to make improvements to existing units of family housing for fiscal year 2018.

The Senate amendment contained no similar provision.  
The Senate recedes.

*Authorization of appropriations, Army (sec. 2104)*

The House bill contained a provision (sec. 2104) that would authorize appropriations for Army military construction at the levels identified in section 4601 of division D of this Act.

The Senate amendment contained a similar provision (sec. 2103).

The Senate recesses.

*Modification of authority to carry out certain fiscal year 2014 project (sec. 2105)*

The House bill contained a provision (sec. 2105) that would modify the authorization contained in section 2101(a) of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113-66) for construction of an airfield operations complex at Joint Base Lewis-McChord, Washington, to include a standby generator capacity of 1,000 kilowatts.

The Senate amendment contained an identical provision (sec. 2104).

The conference agreement includes this provision.

*Modification of authority to carry out certain fiscal year 2015 project (sec. 2106)*

The House bill contained a provision (sec. 2106) that would modify the authorization contained in section 2101(a) of the Military Construction Authorization Act for Fiscal Year 2015 (division B of Public Law 113-291) for construction of a command and control facility at Fort Shafter, Hawaii, to include construction of 15 megawatts of redundant power generation.

The Senate amendment contained an identical provision (sec. 2105).

The conference agreement includes this provision.

*Extension of authorization of certain fiscal year 2014 project (sec. 2107)*

The House bill contained a provision (sec. 2107) that would extend the authorization of a certain project originally authorized by section 2101 of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113-66) until October 1, 2018, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2019, whichever is later.

The Senate amendment contained a similar provision (sec. 2106).

The Senate recesses.

*Extension of authorizations of certain fiscal year 2015 projects (sec. 2108)*

The House bill contained a provision (sec. 2108) that would extend the authorization of a certain project originally authorized by section 2101 of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113-66) until October 1, 2018, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2019, whichever is later.

The Senate amendment contained an identical provision (sec. 2107).

The conference agreement includes this provision.

*Additional authority to carry out certain fiscal year 2000, 2005, 2006, and 2007 projects (sec. 2109)*

The House bill contained a provision (sec. 2109) that would provide additional authority to carry out certain fiscal year 2000, 2005, 2006, and 2007 projects.

The Senate amendment contained no similar provision.

The Senate recedes.

## **TITLE XXII—NAVY MILITARY CONSTRUCTION**

### *Summary*

The budget request included \$1.6 billion for military construction and \$411.9 million for family housing for the Navy in fiscal year 2018.

The conference agreement includes authorization of appropriations of \$1.7 billion for military construction and \$411.9 million for family housing for the Navy in fiscal year 2018.

The agreement includes authorization for six projects from the Navy's unfunded requirements list. These projects include: \$47.6 million for a F-35 Simulator Facility at Miramar, California; \$43.3 million for a Combat Vehicle Warehouse at Albany, Georgia; \$36.0 million for an Undersea Rescue Command Operations Building at Coronado, California; \$26.5 million for Mokapu Gate Entry Control AT/FP Compliance at Kaneohe Bay, Hawaii; and \$23.7 million for a TBS Fire Station Building 533 Replacement at Quantico, Virginia.

In addition, the agreement recommends reduction of funding for a project contained in the budget request submitted by the Department of the Navy for military construction and family housing. This reduction is:

(1) \$60.0 million for Washington Navy Yard antiterrorism/force protection at the Washington Navy Yard,

District of Columbia. The budget request included \$60.0 million to enable protection of critical assets from explosive threats, acoustic and electronic surveillance and encroachment. The conferees believe the Navy has not fully explored all alternatives to address antiterrorism and force protection issues at the Washington Navy Yard, and does not believe it is cost-effective or appropriate for taxpayers to pay for land acquisition to support the construction of a privately funded museum. Therefore, the agreement recommends no funds, a reduction of \$60.0 million, for this project.

In addition, the agreement recommends reduction of funding for a project contained in the base budget request submitted by the Department of the Navy for military construction and family housing and recommends a transfer of this projects to the Overseas Contingency Operations title of this Act. This reduction is:

(1) \$13.39 million for an Aircraft Parking Apron Expansion at Camp Lemonnier, Djibouti. The budget request included \$13.39 million to support transient and steady-state aircraft parking requirements. The conferees support this requirement. However, the agreement recommends no funds in the base budget, a reduction of \$13.39 million, for this project in order to transfer this project to Title XXIX, Overseas Contingency Operations Military Construction.

*Authorized Navy construction and land acquisition projects (sec. 2201)*

The House bill contained a provision (sec. 2201) that would contain the list of authorized Navy construction projects for fiscal year 2018. The authorized amounts are listed on an installation-by-installation basis. The State list contained in this Act is intended to be the binding list of the specific projects authorized at each location.

The Senate amendment contained a similar provision (sec. 2201).

The Senate recedes with a technical amendment.

*Family housing (sec. 2202)*

The House bill contained a provision (sec. 2202) that would authorize new construction and planning and design of family housing units for the Department of the Navy for fiscal year 2018.

The Senate amendment contained a similar provision (sec. 2202).

The Senate recedes with a technical amendment.

*Improvements to military family housing units (sec. 2203)*

The House bill contained a provision (sec. 2203) that would authorize the Secretary of the Navy to make improvements to existing units of family housing for fiscal year 2018.

The Senate amendment contained an identical provision (sec. 2203).

The conference agreement includes this provision.

*Authorization of appropriations, Navy (sec. 2204)*

The House bill contained a provision (sec. 2204) that would authorize appropriations for Navy military construction at the levels identified in section 4601 of division D of this Act.

The Senate amendment contained an identical provision (sec. 2204).

The conference agreement includes this provision.

*Extension of authorizations for certain fiscal year 2014 projects (sec. 2205)*

The House bill contained a provision (sec. 2205) that would extend the authorization of certain projects originally authorized by section 2201 of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113-66) until October 1, 2018, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2019, whichever is later.

The Senate amendment contained an identical provision (sec. 2205).

The conference agreement includes this provision.

*Extension of authorizations of certain fiscal year 2015 projects (sec. 2206)*

The House bill contained a provision (sec. 2206) that would extend the authorization of certain projects originally authorized by section 2201 of the Military Construction Authorization Act for Fiscal Year 2015 (division B of Public Law 113-291) until October 1, 2018, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2019, whichever is later.

The Senate amendment contained a similar provision (sec. 2206).

The House recesses.

**LEGISLATIVE PROVISIONS NOT ADOPTED**



*Modification of authority to carry out certain fiscal year 2016 project*

The House bill contained a provision (sec. 2207) that would modify the authorization of certain projects originally authorized by section 2201 of the Military Construction Authorization Act for Fiscal Year 2016 (division B of Public Law 114-92) until October 1, 2018, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2019, whichever is later.

The Senate amendment contained no similar provision.  
The House recedes.

## **TITLE XXIII—AIR FORCE MILITARY CONSTRUCTION**

### *Summary*

The budget request included \$1.74 billion for military construction and \$403.4 million for family housing for the Air Force in fiscal year 2018.

The conference agreement includes authorization of appropriations of \$1.68 billion for military construction and \$395.4 million for family housing for the Air Force in fiscal year 2018.

The agreement includes authorization for seven projects from the Air Force's unfunded requirements list. These projects include: \$56.4 million for military construction planning and design; \$44.0 million for Dormitories (288 RM) at Eglin Air Force Base, Florida; \$20.0 million for a Dormitory (168 PN) at Little Rock Air Force Base, Arkansas; \$17.0 million for a fire station at Tyndall Air Force Base, Florida; \$16.0 million for a Fire Rescue Center at Altus Air Force Base, Oklahoma; \$9.3 million for a Fire Station at Kirtland Air Force Base, New Mexico; and \$6.8 million for a Fire/Crash Rescue Station at Wright-Patterson Air Force Base, Ohio.

The agreement also recommends reduction of funding for projects contained in the budget request submitted by the Department of the Air Force for military construction and family housing. These reductions include:

(1) \$154.0 million for the Presidential Aircraft Recap Complex at Joint Base Andrews, Maryland. This budget request included \$254.0 million to construct a complex to support the beddown of the new aircraft for the Presidential Airlift Group. The conferees support the requirement for this project and provides the full project authorization of \$254.0 million included in the budget request. However, the conferees support the authorization of appropriations in an amount

equivalent to the ability of the Department to execute in the year of the authorization for appropriations. For this project, the conferees believe that the Department of Defense has exceeded its ability to fully expend the funding in fiscal year 2018. Therefore, the agreement recommends \$100.0 million, a reduction of \$154.0 million, and incremental funding for this project.

(2) \$6.4 million for the KC-46A ALTER B181/185/187 Squad OPS/AMU at Travis Air Force Base, California. While the conferees support the requirement for this project, the conferees believe the project is early-to-need based on the arrival of the first KC-46A at Travis in approximately fiscal year 2022. Therefore, the agreement recommends no funding, a reduction of \$6.4 million, for this project.

(3) \$1.4 million for the KC-46A ADAL B14 Fuel Cell Hangar at Travis Air Force Base, California. While the conferees support the requirement for this project, the conferees believe the project is early-to-need based on the arrival of the first KC-46A at Travis in approximately fiscal year 2022. In addition, the conferees note that this project can be addressed using the unspecified minor construction authorities provided in section 2805 of title 10, United States Code. Therefore, the agreement recommends no funding, a reduction of \$1.4 million, for this project.

Finally, the agreement recommends reduction of funding for several projects contained in the base budget request submitted by the Department of the Air Force for military construction and family housing and recommends a transfer of these projects to the Overseas Contingency Operations title of this Act. These reductions include:

(1) \$27.325 million for a Guardian Angel Operations Facility at Aviano Air Base, Italy. The budget request included \$27.325 million to support the relocation of search and rescue operations to Aviano Air Base, Italy. The conferees support this requirement. However, the agreement recommends no funds in the base budget, a reduction of \$27.325 million, for this project in order to transfer this project to Title XXIX, Overseas Contingency Operations Military Construction.

(2) \$25.977 million for a 216 Person Dormitory at Incirlik Air Base, Turkey. The budget request included \$25.977 million to construct a dormitory to support security forces and required response times. The conferees support this requirement. However, the agreement recommends no funds in the base budget, a reduction of \$25.977 million, for this project in order to transfer this project to Title XXIX, Overseas Contingency Operations Military Construction.

(3) \$15.0 million for a Consolidated Squadron Operations Facility at Al Udeid Air Base, Qatar. The budget request included \$15.0 million to support the consolidation of administration and management functions from separated temporary facilities into a consolidated permanent facility that is properly sized and configured. The conferees support this requirement. However, the agreement recommends no funds in the base budget, a reduction of \$15.0 million, for this project in order to transfer this project to Title XXIX, Overseas Contingency Operations Military Construction.

*Authorized Air Force construction and land acquisition projects (sec. 2301)*

The House bill contained a provision (sec. 2301) that would contain the list of authorized Air Force construction projects for fiscal year 2018. The authorized amounts are listed on an installation-by-installation basis. The State list contained in this Act is intended to be the binding list of the specific projects authorized at each location.

The Senate amendment contained a similar provision (sec. 2301).

The Senate recedes with a technical amendment.

*Family housing (sec. 2302)*

The House bill contained a provision (sec. 2302) that would authorize new construction and planning and design of family housing units for the Air Force for fiscal year 2018.

The Senate amendment contained an identical provision (sec. 2302).

The conference agreement includes this provision.

*Improvements to military family housing units (sec. 2303)*

The House bill contained a provision (sec. 2303) that would authorize the Secretary of the Air Force to make improvements to existing units of family housing for fiscal year 2018.

The Senate amendment contained an identical provision (sec. 2303).

The conference agreement includes this provision.

*Authorization of appropriations, Air Force (sec. 2304)*

The House bill contained a provision (sec. 2304) that would authorize appropriations for Air Force military

construction at the levels identified in section 4601 of division D of this Act.

The Senate amendment contained an identical provision (sec. 2304).

The conference agreement includes this provision.

*Modification of authority to carry out certain fiscal year 2017 projects (sec. 2305)*

The House bill contained a provision (sec. 2305) that would modify the authority provided by section 2301 of the Military Construction Authorization Act for Fiscal Year 2017 (division B of Public Law 114-328) and authorize the Secretary of the Air Force to make certain modifications to the scope of previously authorized construction projects.

The Senate amendment contained a similar provision (sec. 2305).

The Senate recesses.

*Extension of authorizations of certain fiscal year 2015 projects (sec. 2306)*

The House bill contained a provision (sec. 2306) that would extend the authorization of certain projects originally authorized by section 2301 of the Military Construction Authorization Act for Fiscal Year 2015 (division B of Public Law 113-291) until October 1, 2018, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2019, whichever is later.

The Senate amendment contained an identical provision (sec. 2306).

The conference agreement includes this provision.

## **TITLE XXIV—DEFENSE AGENCIES MILITARY CONSTRUCTION**

*Summary*

The budget request included \$3.12 billion for military construction and \$62.5 million for family housing for defense agencies in fiscal year 2018.

The conference agreement includes authorization of appropriations of \$2.94 billion for military construction and \$62.5 million for family housing for defense agencies in fiscal year 2018.

The agreement recommends an increase of funding for a program contained in the budget request submitted by the Department of Defense for military construction and family housing. This increase includes:

(1) \$15.0 million for the Energy Resiliency and Conservation Investment Program. The budget request included \$150.0 million for the Energy Resiliency and Conservation Investment Program. The conferees support investments that reduce mission risk by increasing energy resiliency at military installation. Therefore, the agreement recommends \$165.0 million, an increase of \$15.0 million, for this program in fiscal year 2018.

(2) \$200.0 million for Missile Field #4 at Fort Greely, Alaska. A budget amendment submitted by the Department of Defense included a request to support construction of 20 additional silos at Fort Greely. Therefore, the agreement recommends \$200.0 million, an increase of \$200.0 million, for this project in fiscal year 2018.

The agreement also recommends reduction of funding for projects contained in the budget request submitted by the Department of Defense for military construction and family housing. These reductions include:

(1) \$206.0 million for Next NGA West (N2W) Complex at St. Louis, Missouri. The budget request included \$381.0 million to construct the first phase of a new complex for the National Geospatial-Intelligence Agency as it relocates to a new location in St. Louis, Missouri. The conferees support providing an authorization of appropriations for fiscal year 2018 only in an amount equivalent to the ability of the National Geospatial-Intelligence Agency to execute in the year of the authorization of appropriations. Therefore, the agreement recommends \$175.0 million, a reduction of \$206.0 million, and incremental funding for this project in fiscal year 2018.

(2) \$150.0 million for the Hospital Replacement at Fort Leonard Wood, Missouri. The budget request includes \$250.0 million to construct the first phase of a replacement hospital at Fort Leonard Wood, Missouri. The conferees are aware that a \$135.0 million second phase is also required to support the medical requirements at Fort Leonard Wood. The conferees believe it is more appropriate to authorize the full scope of a military construction requirement and provide incremental funding as opposed to bifurcating a construction project into separate phases. Therefore, the agreement recommends combining the two phases into a single project and provides a total authorization of \$381.3 million for the Hospital Replacement at Fort Leonard Wood, Missouri. However, the conferees support providing an authorization of appropriations for fiscal year 2018 only in an

amount equivalent to the ability of the Defense Health Agency to execute in the year of the authorization of appropriations. Therefore, the agreement recommends \$100.0 million, a reduction of \$150.0 million, and incremental funding for this project in fiscal year 2018.

(3) \$10.0 million for Contingency Construction at Unspecified Worldwide Locations. The budget request included \$10.0 million to support contingency construction requirements not previously authorized by law. The conferees note that the Department of Defense has not requested a military construction project using funds from this account since 2008. In addition, the conferees note that unobligated balances remain available in the military construction account and other authorities exist to construct projects that are in keeping with a national security interest. As such, the agreement recommends no funds, a reduction of \$10.0 million, for this program.

Finally, the agreement recommends reduction of funding for several projects contained in the base budget request submitted by the Department of Defense for military construction and family housing and recommends a transfer of these projects to the Overseas Contingency Operations title of this Act. These reductions include:

(1) \$22.4 million to Construct Hydrant System at Naval Air Station Sigonella, Italy. The budget request included \$22.4 million to replace an aging and inadequate jet fuel hydrant system and piping loop needed to support U.S. and North Atlantic Treaty Organization aircraft. The conferees support this requirement. However, the agreement recommends no funds in the base budget, a reduction of \$22.4 million, for this project in order to transfer this project to Title XXIX, Overseas Contingency Operations Military Construction.

*Authorized Defense Agencies construction and land acquisition projects (sec. 2401)*

The House bill contained a provision (sec. 2401) that would contain the list of authorized defense agencies' construction projects for fiscal year 2018. The authorized amounts are listed on an installation-by-installation basis. The state list contained in this Act is intended to be the binding list of the specific projects authorized at each location.

The Senate amendment contained a similar provision (sec. 2401).

The Senate recedes with a technical amendment.

*Authorized energy resiliency and conservation projects (sec. 2402)*

The House bill contained a provision (sec. 2402) that would authorize the Secretary of Defense to carry out energy resiliency and conservation projects.

The Senate amendment contained a similar provision (sec. 2402)

The Senate recedes with an amendment that would authorize additional funding for energy resiliency conservation and investment projects.

*Authorization of appropriations, Defense Agencies (sec. 2403)*

The House bill contained a provision (sec. 2403) that would authorize appropriations for defense agencies' military construction at the levels identified in section 4601 of division D of this Act.

The Senate amendment contained an identical provision (sec. 2403).

The conference agreement includes this provision.

*Modification of authority to carry out certain fiscal year 2017 project (sec. 2404)*

The House bill contained a provision (sec. 2404) that would modify the authority provided by section 2401(b) of the Military Construction Authorization Act for Fiscal Year 2017 (division B of Public Law 114-328) and authorize the Secretary of Defense to make certain modifications to the scope of a previously authorized construction project.

The Senate amendment contained an identical provision (sec. 2404).

The conference agreement includes this provision.

*Extension of authorizations of certain fiscal year 2014 projects (sec. 2405)*

The House bill contained a provision (sec. 2405) that would extend the authorization of certain projects originally authorized by section 2401 of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113-66) until October 1, 2018, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2019, whichever is later.

The Senate amendment contained an identical provision (sec. 2405).

The conference agreement includes this provision.

*Extension of authorizations of certain fiscal year 2015 projects  
(sec. 2406)*

The House bill contained a provision (sec. 2406) that would extend the authorization of certain projects originally authorized by section 2401 of the Military Construction Authorization Act for Fiscal Year 2015 (division B of Public Law 113-291) until October 1, 2018, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2019, whichever is later.

The Senate amendment contained a similar provision (sec. 2406).

The Senate recesses.

## **TITLE XXV—INTERNATIONAL PROGRAMS**

*Summary*

The budget request included \$154.0 million for military construction in fiscal year 2018 for the North Atlantic Treaty Organization (NATO) Security Investment Program. In addition, pursuant to agreement with the Republic of Korea, the budget request included a list of military construction projects to be funded as in-kind contributions by the Republic of Korea.

The conference agreement includes this amount for the North Atlantic Treaty Organization (NATO) Security Investment Program projects and the authorization to accept the military construction projects funded by the Republic of Korea.

### **SUBTITLE A—NORTH ATLANTIC TREATY ORGANIZATION SECURITY INVESTMENT PROGRAM**

*Authorized NATO construction and land acquisition projects (sec. 2501)*

The House bill contained a provision (sec. 2501) that would authorize the Secretary of Defense to make contributions to the North Atlantic Treaty Organization Security Investment Program in an amount equal to the sum of the amount specifically authorized in section 2502 of this Act and the amount collected from the North Atlantic Treaty Organization as a result of construction previously financed by the United States.



The Senate amendment contained an identical provision (sec. 2501).

The conference agreement includes this provision.

*Authorization of appropriations, NATO (sec. 2502)*

The House bill contained a provision (sec. 2502) that would authorize appropriations for the North Atlantic Treaty Organization Security Investment Program at the levels identified in section 4601 of division D of this Act.

The Senate amendment contained an identical provision (sec. 2502).

The conference agreement includes this provision.

## **SUBTITLE B—HOST COUNTRY IN-KIND CONTRIBUTIONS**

*Republic of Korea funded construction projects (sec. 2511)*

The House bill contained a provision (sec. 2511) that would authorize the Secretary of Defense to accept four military construction projects totaling \$105.5 million pursuant to agreement with the Republic of Korea for required in-kind contributions.

The Senate amendment contained an identical provision (sec. 2511).

The conference agreement includes this provision.

*Modification of authority to carry out certain fiscal year 2017 projects (sec. 2512)*

The House bill contained a provision (sec. 2512) that would modify the authority provided by section 2511 of the Military Construction Authorization Act for Fiscal Year 2017 (division B of Public Law 114-328) and authorize the Secretary of Defense to make certain modifications to the scope of previously authorized construction projects.

The Senate amendment contained an identical provision (sec. 2512).

The conference agreement includes this provision.

## **TITLE XXVI—GUARD AND RESERVE FORCES FACILITIES**

*Summary*

The budget request included \$574.7 million for military construction for National Guard and Reserve facilities for fiscal year 2018.

The conference agreement includes authorization of appropriations of \$805.8 million for military construction for National Guard and Reserve facilities for fiscal year 2018.

The conference agreement includes authorization for sixteen projects from the National Guard and Reserve's unfunded requirements list: \$32.0 million for a Consolidated Mission Complex, Phase 2 at Robins Air Force Base, Georgia; \$32.0 million for an Aircraft Maintenance Hangar (Addition) at Springfield, Missouri; \$30.0 million for a Reserve Center at Lewis-McChord, Washington; \$26.0 million for a Reserve Center at Fort Buchanan, Puerto Rico; \$19.0 million for an Enlisted Barracks, Transient Training at Fort Leavenworth, Kansas; \$15.0 million for a Readiness Center Add/Alt at Fort Belvoir, Virginia; \$9.0 million for an Enlisted Barracks Transient Training at MTC Gowen, Idaho; \$9.0 million for an Indoor Small Arms Range at Minneapolis-St. Paul International Airport, Minnesota; \$8.5 million for a Vehicle Maintenance Instruction Facility at Camp Dodge, Iowa; \$8.0 million to Construct Small Arms Range at Hulman Regional Airport, Indiana; \$8.0 million to Construct Small Arms Range at Tulsa International Airport, Oklahoma; \$8.0 million to Construct Small Arms Range at Jackson International Airport, Mississippi; \$8.0 million to Construct Small Arms Range at Dane County Regional Airport/Truax Field, Wisconsin; and \$3.1 million for a Munitions Training/Admin Facility at NAS JRB Fort Worth, Texas.

## **SUBTITLE A—PROJECT AUTHORIZATIONS AND AUTHORIZATION OF APPROPRIATIONS**

*Authorized Army National Guard construction and land acquisition projects (sec. 2601)*

The House bill contained a provision (sec. 2601) that would contain the list of authorized Army National Guard construction projects for fiscal year 2018. The authorized amounts are listed on an installation-by-installation basis. The State list contained in this Act is intended to be the binding list of the specific projects authorized at each location.

The Senate amendment contained a similar provision (sec. 2601).

The Senate recesses with a technical amendment.

*Authorized Army Reserve construction and land acquisition projects (sec. 2602)*

The House bill contained a provision (sec. 2602) that would contain the list of authorized Army Reserve construction projects for fiscal year 2018. The authorized amounts are listed on an installation-by-installation basis. The State list contained in this Act is intended to be the binding list of the specific projects authorized at each location.

The Senate amendment contained a similar provision (sec. 2602).

The Senate recedes with a technical amendment.

*Authorized Navy Reserve and Marine Corps Reserve construction and land acquisition projects (sec. 2603)*

The House bill contained a provision (sec. 2603) that would contain the list of authorized Navy Reserve and Marine Corps Reserve construction projects for fiscal year 2018. The authorized amounts are listed on an installation-by-installation basis. The State list contained in this Act is intended to be the binding list of the specific projects authorized at each location.

The Senate amendment contained an identical provision (sec. 2603).

The conference agreement includes this provision.

*Authorized Air National Guard construction and land acquisition projects (sec. 2604)*

The House bill contained a provision (sec. 2604) that would contain the list of authorized Air National Guard construction projects for fiscal year 2018. The authorized amounts are listed on an installation-by-installation basis. The State list contained in this Act is intended to be the binding list of the specific projects authorized at each location.

The Senate amendment contained a similar provision (sec. 2604).

The Senate recedes with a technical amendment.

*Authorized Air Force Reserve construction and land acquisition projects (sec. 2605)*

The House bill contained a provision (sec. 2605) that would contain the list of authorized Air Force Reserve construction projects for fiscal year 2018. The authorized amounts are listed on an installation-by-installation basis. The

State list contained in this Act is intended to be the binding list of the specific projects authorized at each location.

The Senate amendment contained a similar provision (sec. 2605).

The Senate recesses.

*Authorization of appropriations, National Guard and Reserve (sec. 2606)*

The House bill contained a provision (sec. 2606) that would authorize appropriations for the National Guard and Reserve military construction at the levels identified in section 4601 of division D of this Act.

The Senate amendment contained an identical provision (sec. 2606).

The conference agreement includes this provision.

## **SUBTITLE B—OTHER MATTERS**

*Modification of authority to carry out certain fiscal year 2015 project (sec. 2611)*

The House bill contained a provision (sec. 2611) that would modify the authority provided by section 2602 of the Military Construction Authorization Act for Fiscal Year 2015 (division B of Public Law 113-291) to authorize the Secretary of the Army to make certain modifications to the scope of a previously authorized construction project.

The Senate amendment contained an identical provision (sec. 2611).

The conference agreement includes this provision.

*Extension of authorizations of certain fiscal year 2014 projects (sec. 2612)*

The House bill contained a provision (sec. 2612) that would extend the authorization of certain projects originally authorized by sections 2602, 2604, and 2605 of the Military Construction Authorization Act for Fiscal Year 2014 (division B of Public Law 113-66) until October 1, 2018, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2019, whichever is later.

The Senate amendment contained an identical provision (sec. 2612).

The conference agreement includes this provision.

*Extension of authorizations of certain fiscal year 2015 projects  
(sec. 2613)*

The House bill contained a provision (sec. 2613) that would extend the authorization of certain projects originally authorized by sections 2602 and 2604 of the Military Construction Authorization Act for Fiscal Year 2015 (division B of Public Law 113-291) until October 1, 2018, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2019, whichever is later.

The Senate amendment contained a similar provision (sec. 2613).

The Senate recesses.

## **TITLE XXVII—BASE REALIGNMENT AND CLOSURE ACTIVITIES**

*Authorization of appropriations for base realignment and closure activities funded through Department of Defense base closure account (sec. 2701)*

The House bill contained a provision (sec. 2701) that would authorize appropriations for ongoing activities that are required to implement the Base Realignment and Closure activities authorized by the Defense Base Closure and Realignment Act of 1990 (part A of title XXIX of Public Law 101-510), at the levels identified in section 4601 of division D of this Act.

The Senate amendment contained an identical provision (sec. 2701).

The conference agreement includes this provision.

*Prohibition on conducting additional base realignment and closure (BRAC) round (sec. 2702)*

The House bill contained a provision (sec. 2702) that would affirm that nothing in this Act shall be construed to authorize an additional Base Realignment and Closure (BRAC) round.

The Senate amendment contained an identical provision (sec. 2702).

The conference agreement includes this provision.

## **LEGISLATIVE PROVISIONS NOT ADOPTED**

*Update to report on infrastructure capacity*

The House bill contained a provision (sec. 2703) that would require the Secretary of Defense to prepare and release to the public an updated version of the March 2016 report on "Department of Defense Infrastructure Capacity".

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the updated version of the March 2016 report on "Department of Defense Infrastructure Capacity" was received by the congressional defense committees in October 2017.

## **TITLE XXVIII—MILITARY CONSTRUCTION AND GENERAL PROVISIONS**

### **SUBTITLE A—MILITARY CONSTRUCTION PROGRAM AND MILITARY FAMILY HOUSING**

*Elimination of written notice requirement for military construction activities and reliance on electronic submission of notifications and reports (sec. 2801)*

The House bill contained a provision (sec. 2801) that would modify sections of title 10, United States Code, to eliminate the submission of a notification in writing for certain infrastructure, facility, and real property related investments while maintaining the requirement that the notification be provided in an electronic medium pursuant to section 480 of title 10, United States Code.

The Senate amendment contained no similar provision.

The Senate recesses.

*Modification of thresholds applicable to unspecified minor construction projects (sec. 2802)*

The House bill contained a provision (sec. 2802) that would modify section 2805(a) of title 10, United States Code, to increase the unspecified minor military construction project threshold from \$3.0 million to \$6.0 million and to remove the differentiation between aforementioned unspecified minor military construction projects and "life-threatening, health-threatening, or safety-threatening" projects. This section would also modify section 2805(b) of title 10, United States Code, to decrease the unspecified minor military construction project advance approval threshold requirement for the service secretary concerned from \$1.0 million to \$750,000 and would increase the

threshold for use of operation and maintenance amounts to carry out an unspecified minor military construction project from \$1.0 million to \$2.0 million pursuant to section 2805(c) of title 10, United States Code.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would increase the notification threshold to \$2.0 million and require service secretary approval between \$750,000 and \$2.0 million.

*Annual locality adjustment of dollar thresholds applicable to unspecified minor military construction authorities (sec. 2803)*

The Senate amendment contained a provision (sec. 7804) that would allow the appropriate Secretary to adjust the dollar threshold for minor military construction projects inside the United States to reflect the local construction cost index for military construction projects.

The House bill contained no similar provision.

The House recesses with an amendment that would limit the threshold to \$10.0 million and to locations inside the United States, including territories, commonwealths, and possessions of the United States.

*Extension of temporary, limited authority to use operation and maintenance funds for construction projects outside the United States (sec. 2804)*

The House bill contained a provision (sec. 2803) that would provide continued authority for the Secretary of Defense to use funds appropriated for Operation and Maintenance for military construction to meet temporary operational requirements during a time of declared war, national emergency, or contingency operation through the end of fiscal year 2018.

The Senate amendment contained a similar provision (sec. 2802).

The Senate recesses.

*Use of operation and maintenance funds for military construction projects to replace facilities damaged or destroyed by natural disasters or terrorism incidents (sec. 2805)*

The House bill contained a provision (sec. 2804) that would amend section 2854 of title 10, United States Code, to enable use of operation and maintenance funds to replace a facility damaged or destroyed by a natural disaster or a terrorism incident.

The Senate amendment contained no similar provision.

The Senate recesses.

*Annual report on unfunded requirements for laboratory military construction projects (sec. 2806)*

The Senate amendment contained a provision (sec. 10204) that would require the Under Secretary of Defense for Research and Engineering to submit to the congressional defense committees a report listing unfunded requirements on major and minor military construction projects for Department of Defense science and technologies laboratories and facilities and test and evaluation facilities.

The House bill contained no similar provision.

The House recesses with a technical amendment.

## **SUBTITLE B—REAL PROPERTY AND FACILITIES ADMINISTRATION**

*Elimination of written notice requirement for military real property transactions and reliance on electronic submission of notifications and reports (sec. 2811)*

The House bill contained a provision (sec. 2811) that would amend several sections of title 10, United States Code, to eliminate the submission of a notification in writing for certain real property related transactions while maintaining the requirement that the notification be provided in an electronic medium pursuant to section 480 of title 10, United States Code.

The Senate amendment contained no similar provision.

The Senate recesses.

*Certification related to certain acquisitions or leases of real property (sec. 2812)*

The House bill contained a provision (sec. 2818) that would amend section 2662(a) of title 10, United States Code to ensure that there is not currently available space in the Department of Defense inventory that would meet the Department's needs.

The Senate amendment contained an identical provision (sec. 7801).

The conference agreement includes this provision.

*Increased term limit for intergovernmental support agreements to provide installation support services (sec. 2813)*



The Senate amendment contained a provision (sec. 14011) that would increase the maximum term limit for intergovernmental support agreements from 5 to 10 years in order to encourage the use of such agreements.

The House bill contained no similar provision.

The House recesses.

*Authorizing reimbursement of States for costs of suppressing wildfires caused by Department of Defense activities on State lands; restoration of lands of other Federal agencies for damage caused by Department of Defense vehicle mishaps (sec. 2814)*

The House bill contained a provision (sec. 2816) that would amend section 2691 of title 10, United States Code, to allow the Secretary of Defense to reimburse a State for the reasonable costs of the State in suppressing wildland fires caused by the activities of the Department of Defense on State lands. In addition, this section would allow the Secretary of Defense to restore land under the administrative jurisdiction of another Federal agency when that land is damaged as the result of a mishap involving a vessel, aircraft, or vehicle of the Department of Defense. Finally, this section would also allow another Federal agency to restore land under the administrative jurisdiction of the Secretary of Defense or a military department if damaged as the result of a mishap involving a vessel, aircraft, or vehicle of a Federal agency that is not part of the Department of Defense.

The Senate amendment contained a similar provision (sec. 335).

The Senate recesses.

*Criteria for exchanges of property at military installations (sec. 2815)*

The House bill contained a provision (sec. 2813) that would amend section 2869 of title 10, United States Code, to allow for the exchange of real property located on a military installation when it is determined to be advantageous to the United States.

The Senate amendment contained no similar provision.

The Senate recesses.

*Land exchange valuation of property with reduced development that limits encroachment on military installations (sec. 2816)*

The Senate amendment contained a provision (sec. 2813) that would amend chapter 159 of title 10, United States Code, in

order to ensure that properties where development has been voluntarily restrained for the purpose of protecting military installations are fairly valued as part of any land swap between the Department of Defense and a public or private landowner.

The House bill contained no similar provision.

The House recesses with a technical amendment.

*Requirements for window fall prevention devices in military family housing (sec. 2817)*

The House bill contained a provision (sec. 2815) that would amend chapter 169 of title 10, United States Code, to require the Secretaries of the military departments to provide for the installation of fall prevention devices in windows meeting specific requirements at all current military family housing units, including housing under the Military Housing Privatization Initiative, family housing owned by the military departments, family housing leased by the Department of Defense, as well as units acquired or constructed in the future. This provision would also require the Secretaries to brief the House Committee on Armed Services not later than 180 days after the date of the enactment of this Act on matters relating to the implementation of this section.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would require the installation of fall prevention devices in windows in all new and existing houses as they go through complete renovation. The amendment would also require an annual report on injuries sustained from falls out of windows, and a one-time report on what changes could be made to increase the safety of military housing.

*Prohibiting use of updated assessment of public schools on Department of Defense installations to supersede funding of certain projects (sec. 2818)*

The House bill contained a provision (sec. 2814) that would amend section 2814 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to ensure that the schools contained in the top 33 highest priority schools on the Department of Defense July 2011 assessment of public schools on military installations that have not yet received funding would not be superseded by an updated assessment. The provision would also encourage the Office of Economic Adjustment to work with school districts when administering the Public Schools on Military Installations program to find innovative funding solutions to meet State match requirements.

The Senate amendment contained no similar provision.  
The Senate recesses.

*Access to military installations by transportation network companies (sec. 2819)*

The Senate amendment contained a provision (sec. 2814) that would amend section 346 of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328) to clarify that transportation companies include transportation network companies.

The House bill contained no similar provision.  
The House recesses.

## **SUBTITLE C—PROJECT MANAGEMENT AND OVERSIGHT REFORMS**

*Notification requirement for certain cost increases (sec. 2821)*

The Senate amendment contained a provision (sec. 2831) that would amend section 2853 of title 10, United States Code, to require the Secretary of Defense to notify the congressional defense committees of any military construction or military family housing project that has a cost overrun or a schedule delay of 25 percent or more.

The House bill contained no similar provision.

The House recesses with an amendment that would require this information for projects with an authorized cost of \$40.0 million or more.

*Annual report on schedule delays (sec. 2822)*

The Senate amendment contained a provision (sec. 2833) that would amend section 2853 of title 10, United States Code, to require the Secretary of Defense to submit to the congressional defense committees an annual report on military construction projects and military family housing projects that had cost overruns or schedule delays of 5 percent or more.

The House bill contained no similar provision.

The House recesses with an amendment that would require an annual report on projects of \$40.0 million or more that have a cost increase above the authorized levels of 25 percent or a 1 year delay in the agreed schedule. The report would also provide details on the reasons for the cost increases or delays and any investigations into failures that resulted in such.

*Report on design errors and omissions related to Fort Bliss hospital replacement project (sec. 2823)*

The Senate amendment contained a provision (sec. 2834) that would require the Secretary of Defense to submit a report to the congressional defense committees on design errors and omissions related to the hospital replacement project at Fort Bliss, Texas. The report should identify "design errors" and "omissions" that led to the \$245.0 million cost increase for the replacement project and identify the organization and individual responsible for the design errors and omissions. Additionally, the report should describe the actions taken by the Secretary of Defense to hold such organizations and individuals responsible for the errors and omissions. This report should be due no later than December 1, 2017. Additionally, this provision would prohibit the obligations of funds appropriated for the replacement project at Fort Bliss from being utilized until the report is submitted and a written certification is submitted outlining the steps taken to mitigate such overruns in the future of this project.

The House bill contained no similar provision.

The House recedes with an amendment that would ensure adequate time for due process before the report is submitted.

*Report on cost increase and delay related to USSTRATCOM command and control facility project at Offutt Air Force Base (sec. 2824)*

The Senate amendment contained a provision (sec. 2835) that would require the Secretary of Defense to submit to the congressional defense committees a report on the 16-month schedule delay and 10 percent cost increase related to the United States Strategic Command command and control facility project at Offutt Air Force Base, Nebraska. The report should include the name of the organizations and/or persons responsible for the delay and cost increase as well as a description of actions that the Secretary has taken to hold such individuals or organizations accountable for these problems.

The House bill contained no similar provision.

The House recedes with an amendment that would ensure adequate time for due process before the report is submitted.

## **SUBTITLE D—ENERGY RESILIENCE**

*Energy resilience (sec. 2831)*

The Senate amendment contained two provisions (sec. 2845 and sec. 12802) that would amend section 2911 of title 10, United States Code to add "energy resilience" as a readiness policy of the Department of Defense.

The House bill contained no similar provision.

The House recesses with a technical amendment.

*Authority to use energy cost savings for energy resilience, mission assurance, and weather damage repair and prevention measures (sec. 2832)*

The Senate amendment contained a provision (sec. 2811) that would amend section 2912 of title 10, United States Code, to allow energy savings funds to be used for weather damage, mission assurance, and energy resilience.

The House bill contained no similar provision.

The House recesses.

*Consideration of energy security and energy resilience in awarding energy and fuel contracts for military installations (sec. 2833)*

The Senate amendment contained a provision (sec. 2846) that would amend section 2922a of title 10, United States Code, to ensure the Secretary concerned prioritizes energy security and resilience when considering energy or fuel contracts for military installations.

The House bill contained no similar provision.

The House recesses.

*Requirement to address energy resilience in exercising utility system conveyance authority (sec. 2834)*

The Senate amendment contained a provision (sec. 2847) that would amend section 2688(g) of title 10, United States Code, to require that utility systems be managed and operated in a manner consistent with energy resilience requirements and metrics.

The House bill contained no similar provision.

The House recesses.

*In-kind lease payments; prioritization of utility services that promote energy resilience (sec. 2835)*

The Senate amendment contained a provision (sec. 2848) that would amend section 2667(c) of the title 10, United States Code, to prioritize energy resilience as in-kind consideration.

The House bill contained no similar provision.  
The House recesses.

*Annual Department of Defense energy management reports (sec. 2836)*

The Senate amendment contained a provision (sec. 2841) that would amend section 2925 (a) of title 10, United States Code, to ensure the Department of Defense distinguishes between planned and unplanned power outages and establishes critical mission resilience metrics in the installation energy report.

The House bill contained no similar provision.  
The House recesses.

*Aggregation of energy efficiency and energy resilience projects in life cycle cost analyses (sec. 2837)*

The Senate amendment contained a provision (sec. 2842) that would ensure the Department of Defense's energy projects consider life cycle costs.

The House bill contained no similar provision.  
The House recesses.

## **SUBTITLE E—LAND CONVEYANCES**

*Land exchange, Naval Industrial Reserve Ordnance Plant, Sunnyvale, California (sec. 2841)*

The House bill contained a provision (sec. 2821) that would authorize a land exchange of the Naval Industrial Reserve Ordnance Plant located in Sunnyvale, California, for property interests that meet the readiness requirements of the Department of the Navy.

The Senate amendment contained a similar provision (sec. 2824).

The Senate recesses.

*Land Conveyance, Mountain Home Air Force Base, Idaho (sec. 2842)*

The House bill contained a provision (sec. 2823) that would allow the Secretary of the Air Force to convey, without consideration, certain Air Force real property to the City of Mountain Home, Idaho for the purpose of economic development.

The Senate amendment contained a similar provision (sec. 7803).

The House recesses.

*Lease of real property to the United States Naval Academy Alumni Association and Naval Academy Foundation at United States Naval Academy, Annapolis, Maryland (sec. 2843)*

The House bill contained a provision (sec. 2824) that would provide authority for the Secretary of the Navy to lease approximately three acres at the United States Naval Academy in Annapolis, Maryland, to the United States Naval Academy Alumni Association and the United States Naval Academy Foundation.

The Senate amendment contained no similar provision.  
The Senate recesses.

*Land Conveyance, Natick Soldier Systems Center, Massachusetts (sec. 2844)*

The House bill contained a provision (sec. 2825) that would authorize the Secretary of the Army to sell and convey approximately 98 acres of real property in the vicinity of Hudson, Wayland, and Needham, Massachusetts in exchange for cash payment that is not less than the fair market value of the property. This provision would also authorize the Secretary to use the proceeds of the sale to demolish, construct, or rehabilitate military family housing, unaccompanied soldier housing, or ancillary support facilities to support military personnel assigned to the U.S. Army Natick Soldier Systems Center.

The Senate amendment contained a similar provision (sec. 2821).

The Senate recesses.

*Land exchange, Naval Air Station Corpus Christi, Texas (sec. 2845)*

The Senate amendment contained a provision (sec. 2825) that would allow the Secretary of the Navy to convey to an entity all right, title, and interest of the United States in and to the parcel of real property consisting of 44 acres known as Peary Place Transmitter Site in Nueces County associated with the Naval Air Station Corpus Christi, Texas.

The House bill contained no similar provision.  
The House recesses.

*Imposition of additional conditions on future use of Castner Range, Fort Bliss, Texas (sec. 2846)*

The House bill contained a provision (sec. 2826) that would amend section 2844 of the National Defense Authorization

Act for Fiscal Year 2013 (Public Law 112-239) to place additional conditions on an authorized conveyance of 7,081 acres of real property at Fort Bliss to the Parks and Wildlife Department of the State of Texas.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would ensure the preservation of the property in its natural state.

*Land conveyance, former missile alert facility known as Quebec-01, Laramie County, Wyoming (sec. 2847)*

The House bill contained a provision (sec. 2829) that would authorize the conveyance, at no cost to the Air Force, of the missile alert facility and launch control center at the Quebec #1 Missile Alert Facility for the Peacekeeper ICBM facilities of the 190 Missile Group at F.E. Warren Air Force Base, Wyoming to the Wyoming Department of State Parks and Cultural Resources.

The Senate amendment contained a similar provision (sec. 2823).

The Senate recesses with a technical amendment.

## **SUBTITLE F—MILITARY MEMORIALS, MONUMENTS, AND MUSEUMS**

*Recognition of the National Museum of World War II Aviation (sec. 2861)*

The House bill contained a provision (sec. 2842) that would recognize the National Museum of World War II Aviation in Colorado Springs, Colorado, as America's National World War II Aviation Museum.

The Senate amendment contained a similar provision (sec. 14010).

The House recesses.

*Principal office of Aviation Hall of Fame (sec. 2862)*

The House bill contained a provision (sec. 2843) that would amend section 23107 of title 36, United States Code, to remove the requirement that the Principal Office of the Aviation Hall of Fame be located in Dayton, Ohio, while retaining the requirement that the office be located in Ohio.

The Senate amendment contained no similar provision.

The Senate recesses.



*Establishment of a visitor services facility on the Arlington Ridge tract (sec. 2863)*

The Senate amendment contained a provision (sec. 2850) that would authorize the Secretary of the Interior to construct a structure for visitor services, including a public restroom facility, on the Arlington Ridge tract.

The House bill contained no similar provision.

The House recesses.

The conferees encourage the Secretary of the Interior to coordinate with the Commandant of the Marine Corps on the design of the visitor center prior to construction to ensure that it is compatible with the Marine Corps War Memorial.

*Modification of prohibition on transfer of veterans memorial objects to foreign governments without specific authorization in law (sec. 2864)*

The House bill contained a provision (sec. 2814) that would amend Section 2752(e) of title 10, United States Code, to limit the restrictions in that section to veterans memorial objects brought to the United States prior to 1907. The provision would also extend the prohibition on the return of veterans memorial objects to a foreign country or entity controlled by a foreign government until September 30, 2022.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would create an exception to allow for the transfer of the Bells of Balangiga to the Republic of the Philippines if the Secretary of Defense makes certain required certifications to Congress. These include that the transfer is in the national security interests of the United States and that appropriate steps have been taken to preserve the history of veterans associated with the objects on public display at the F.E. Warren Air Force Base in Cheyenne, Wyoming, including consultation with associated veterans organizations and government officials in the State of Wyoming.

## **SUBTITLE G—OTHER MATTERS**

*Authority of the Secretary of the Air Force to accept lessee improvements at Air Force Plant 42 (sec. 2871)*

The Senate amendment contained a provision (sec. 2843) that would authorize the Secretary of the Air Force to permit the lessee of Air Force Plant 42 to make improvements to the

plant or facility as necessary for the development or production of military weapons systems, munitions, components, or supplies.

The House bill contained no similar provision.

The House recesses.

*Modification of Department of Defense guidance on use of airfield pavement markings (sec. 2872)*

The House bill contained a provision (sec. 2861) that would direct the Secretary of Defense to modify the Unified Facilities Guide Specifications for pavement markings, or any other Department of Defense guidance on airfield pavement markings, to prohibit the use of Type I glass beads or any glass bead with a 1.6 refractive index or less from use on airfield markings on airfields under the control of the Secretary.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would require the use of beads exceeding a 1.6 refractive index unless a certification is submitted that the current process of conducting a life-cycle cost assessment when Type I and Type III beads are offered in response to a solicitation appropriately considers the local site conditions, life-cycle cost maintenance, environmental impact, operational requirements, and safety of flight.

*Authority of Chief Operating Officer of Armed Forces Retirement Home to acquire and lease property (sec. 2873)*

The House bill contained a provision (sec. 2862) that would amend sections 1511(e) and 1511(i) of the Armed Forces Retirement Home Act of 1991 (24 U.S.C. 411(e) and 411(i)) to authorize the Chief Operating Officer of the Armed Forces Retirement Home (AFRH) to acquire property or lease non-excess property of the AFRH.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would authorize the Chief Operating Officer of the Armed Forces Retirement Home to lease non-excess property subject to the approval of the Secretary of Defense.

*Restrictions on rehabilitation of Over-the-Horizon Backscatter Radar Station (sec. 2874)*

The House bill contained a provision (sec. 2863) that would prohibit the Secretary of the Air Force from using any funds or resources to carry out the rehabilitation of the Over-

the-Horizon Backscatter Radar Station on Modoc National Forest land in Modoc County, California.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would allow environmental corrective action of the perimeter fence.

*Permitting machine room-less elevators in Department of Defense facilities (sec. 2875)*

The House bill contained a provision (sec. 2864) that would authorize the Secretary of Defense to issue modifications to all relevant construction and facilities specifications to ensure that machine room-less elevators are not prohibited in Department of Defense facilities.

The Senate amendment contained no similar provision.

The Senate recesses.

*Disclosure of beneficial ownership by foreign persons of high security space leased by the Department of Defense (sec. 2876)*

The Senate amendment contained a provision (sec. 2849) that would require the Department of Defense to identify the beneficial owner of potential high security leased space. If any beneficial owner of such space is a foreign entity, the Department would be required to notify the tenant so that appropriate precautions could be taken.

The House bill contained no similar provision.

The House recesses with a technical amendment.

*Joint use of Dobbins Air Reserve Base, Marietta, Georgia, with civil aviation (sec. 2877)*

The Senate amendment contained a provision (sec. 2851) that would allow the Secretary of the Air Force to enter into an agreement that would provide or permit the joint use of Dobbins Air Reserve Base, Marietta, Georgia, by the Air Force and civil aircraft.

The House bill contained no similar provision.

The House recesses.

*Report on hurricane damage to Department of Defense assets (sec. 2878)*

The Senate amendment contained a provision (sec. 11007) that would require the Secretary of Defense to conduct a report on military assets and installations that suffered damage during the 2017 hurricanes.

The House bill contained no similar provision.  
The House recesses.

*Special rules for certain projects (sec. 2879)*

The Senate amendment contained a provision (sec. 2844) that would prohibit the use of funds to pursue the proposed 2-phase 52-home family housing project for 18 military personnel on Kwajalein. The provision would further direct the Secretary of Defense to explore alternative structures, such as those used by U.S. contractors on Kwajalein, that are a fraction of the price and can be used in similar remote locations where construction costs are prohibitively expensive.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Secretary of the Army to authorize the construction of at least 26 family housing units that would be available only for military personnel, federal employees, and their dependents. Additionally, if the cost of the project exceeds the authorized amount, the amendment would require the Secretary of the Army to submit a not delegable report to the congressional defense committees detailing the reasons for the cost overrun and specific actions taken to prevent further cost increases on the project. The amendment also would require the Secretary of the Army to submit a report to the congressional defense committees on options to meet requirements for contractor housing at Kwajalein Atoll without relying on military construction funds, no later than 180 days after the date of the enactment of this Act. Finally, the amendment would limit the Secretary of the Navy from carrying out the second phase of the project for replacement housing at Andersen Air Force Base, Guam, until 30 days after the Secretary submits a report to the congressional defense committees certifying that there is a sufficient contractor workforce to perform the necessary work and that the projects authorized in this Act that would meet operational requirements have been awarded.

*Energy security for military installations in Europe (sec. 2880)*

The Senate amendment contained a provision (sec. 7802) that would require the Secretary of Defense to reduce the dependency of United States military installations in Europe on Russian energy sources.

The House bill contained no similar provision.

The House recesses with an amendment that would require the Secretary of Defense to certify that the Department of Defense has taken significant steps at military installations in Europe

to minimize dependency on energy sourced inside the Russian Federation and to ensure the ability to sustain operations during an energy supply disruption.

In addition, the conferees direct that the briefing required by the related House Committee Report (under the heading "Energy Resiliency of Overseas Military Installations") shall be also provided to the Senate Committee on Armed Services.

## **LEGISLATIVE PROVISIONS NOT ADOPTED**

### *Authority to use expiring funds for certain military construction projects*

The Senate amendment contained a provision (sec. 2801) that would authorize funds that would otherwise expire to be used for the sole purpose of the expansion of a cemetery, in the case of the Army, and for the enhancement of installation security, in the case of the Navy, by purchasing property that is voluntarily offered for sale.

The House bill contained no similar provision.

The Senate recesses.

### *Authorized cost increases*

The Senate amendment contained a provision (sec. 2803) that would amend section 2853 of title 10, United States Code to limit the amount that the Department of Defense could exceed authorized funding levels on military construction projects to not more than 10 percent.

The House bill contained no similar provision.

The Senate recesses.

### *Clarification of applicability of fair market value consideration in grants of easements on military lands for rights-of-way*

The House bill contained a provision (sec. 2812) that would clarify section 2668 of title 10, United States Code, to ensure the Secretary of a military department receives fair market value when granting easements.

The Senate amendment contained no similar provision.

The House recesses.

### *Modification of unspecified minor military construction project authority to cover correction of deficiencies that are threats to installation resilience*

The Senate amendment contained a provision (sec. 2812) that would amend section 2805(a)(2) of title 10, United States Code, to include both safety risks and military mission risks.

The House bill contained no similar provision.

The Senate recesses.

*Improved process for disposal of Department of Defense surplus real property located overseas*

The House bill contained a provision (sec. 2819) that would amend section 2687a of title 10, United States Code to establish a petition process for disposal of overseas surplus real property by which a foreign government may request the transfer of surplus real property or improvements under the jurisdiction of the Department of Defense in the foreign country.

The Senate amendment contained no similar provision.

The House recesses.

The conferees note that the disposal of overseas real property is addressed in bilateral agreements with the host nation. The conferees also note that the Department of Defense has existing statutory authorities, policies, and instructions in place that ensure overseas sites and facilities that are used, operated, and maintained by the Department of Defense are considered for return to the host nation when they are no longer required. The conferees further believe it is important, to the maximum extent possible, for the Department of Defense to recover the residual value of U.S.-funded improvements at locations when they are returned to the host nation.

*Land Conveyance, Naval Ship Repair Facility, Guam*

The House bill contained a provision (sec. 2822) that would direct the Secretary of the Navy to convey, without consideration, certain Navy real property to the Guam Economic Development Authority for the purpose of providing support for ship repair and other military maintenance requirements.

The Senate amendment contained no similar provision.

The House recesses.

The conferees believe that Guam is a strategic location in the Western Pacific and recognize the Navy has an enduring requirement for the Naval Ship Repair Facility property. This requirement includes support for future Navy and Military Sealift Command ship repair as well as use of the real property to support other Navy missions. However, the conferees are concerned about the current condition of the infrastructure at the Naval Ship Repair Facility property to support ship repair

requirements. The conferees believe that as long as the ship repair facilities remain under the jurisdiction of the Secretary of the Navy, the Navy should plan and program resources to invest in the modernization and sustainment of the facilities and infrastructure. In addition, the Secretary of the Navy should ensure that masterplans for the Naval Ship Repair Facility property do not encroach on the ability to provide depot-level ship repair capabilities at the property, to include the potential mooring of a floating dry dock, should that be determined a requirement in the future.

*Removal of certain deed restrictions and reversions associated with the conveyance of property of former Defense Depot Ogden, Utah*

The House bill contained a provision (sec. 2827) that would authorize the Secretary of the Interior to enter into negotiations with the City of Ogden, Utah and Weber County, Utah, on agreements to remove deed restrictions and reversionary provisions on the remaining property of the former Defense Depot Ogden.

The Senate amendment contained no similar provision.  
The House recedes.

*Land Conveyance, Wasatch-Cache National Forest, Rich County, Utah*

The House bill contained a provision (sec. 2828) that would require the Secretary of Agriculture to convey, without consideration, real property consisting of approximately 80 acres, located outside of the boundaries of the Wasatch-Cache National Forest in Rich County, Utah, to the Utah State University Research Foundations for the purpose of permitting the Foundation to use the property for scientific and educational purposes.

The Senate amendment contained no similar provision.  
The House recedes.

*Indefinite duration of certain military land withdrawals and reservations and improved management of withdrawn and reserved lands*

The House bill contained a provision (sec. 2831) that would amend the existing statutory military land withdrawals from Department of the Interior jurisdiction by extending them for an indefinite time period while putting in place a continuous review, coordinated between the Department of Defense

and the Department of Interior, and public comment process regarding the resource management plans and military use of such lands.

The Senate amendment contained no similar provision.  
The House recesses.

*Temporary segregation from public land laws of property subject to proposed military land withdrawal; temporary use permits and transfers of small parcels of land between Departments of Interior and military departments; more efficient surveying of lands*

The House bill contained a provision (sec. 2832) that would amend chapter 6 of title 43, United States Code, to allow the Secretary of the Interior to grant permission to the Secretary of Defense to conduct military training or testing on land under the jurisdiction of the Department of the Interior for up to 30 days, provided such use would be consistent with the purposes for which the Secretary of the Interior manages the land. In addition, this provision would authorize the transfer of parcels of land smaller than 5,000 acres between the Department of Defense and the Department of the Interior. Finally, this provision would permit the use of geographic coordinates for conducting original surveys of land instead of using physical monuments.

The Senate amendment contained no similar provision.  
The House recesses.

*Limited authority for private sector supervision of military construction projects in event of extensive cost overruns or project delays*

The Senate amendment contained a provision (sec. 2832) that would amend section 2851(a) of title 10, United States Code, to allow the Secretary of Defense to arrange for private sector direction or supervision of projects where the Chief of Engineers or the Commander of the Naval Facilities Engineering Command had cost overruns or project delays of more than 5 percent on at least 10 percent of the projects for which either was responsible in the most recent fiscal year.

The House bill contained no similar provision.  
The Senate recesses.

The conferees note that cost overruns on major projects have become a problem and that both the Corps of Engineers and Naval Facilities Command need to improve program management to better deliver projects on time and on budget.



### *Battleship preservation grant program*

The House bill contained a provision (sec. 2844) that would establish a grant program for the preservation of historic United States battleships.

The Senate amendment contained no similar provision.  
The House recesses.

### *Short Title*

The House bill contained a provision (sec. 2851) that would provide that this subtitle may be cited as the "Shiloh National Military Park Boundary Adjustment and Parker's Crossroads Battlefield Designation Act."

The Senate amendment contained no similar provision.  
The House recesses.

### *Definitions*

The House bill contained a provision (sec. 2852) that would provide definitions for specific terms used in this subtitle.

The Senate amendment contained no similar provision.  
The House recesses.

### *Areas to be added to Shiloh National Military Park*

The House bill contained a provision (sec. 2853) that would modify the boundary of Shiloh National Military Park and provide the Secretary of the Interior with authority to acquire lands by donation, purchase from willing sellers with donated or appropriated funds, or exchange.

The Senate amendment contained no similar provision.  
The House recesses.

### *Establishment of affiliated area*

The House bill contained a provision (sec. 2854) that would establish Parker's Crossroads Battlefield in the State of Tennessee as an affiliated area of the National Park System, authorize the Secretary of the Interior to provide technical assistance and to enter into cooperative agreements with the management entity, and require the development of a general management plan for the affiliated area.

The Senate amendment contained no similar provision.  
The House recesses.

*Private property protection*

The House bill contained a provision (sec. 2855) that would prohibit the Secretary of the Interior from acquiring land or interests in land by condemnation for the purposes of this subtitle, would require written consent from property owners prior to their property being included in the Shiloh National Military Park, and would prohibit the creation of buffer zones outside of the park.

The Senate amendment contained no similar provision.

The House recedes.

*Technical correction to authority for return of certain lands at Fort Wingate, New Mexico, to original inhabitants*

The Senate amendment contained a provision (sec. 12801) that would amend Section 2829F(a)(1) of the National Defense Authorization Act for Fiscal Year 2017 (Public Law 114-328; 130 Stat. 2734) by changing the reference to a map that shows the final agreement between the Navajo Nation and the Pueblo of Zuni.

The House bill contained no similar provision.

The Senate recedes.

*Report on compliance with runway clear zone requirements*

The Senate amendment contained a provision (sec. 14005) that would require the Secretary of Defense, in consultation with the service secretaries, to submit to the congressional defense committees a report on Service compliance with Department of Defense (DOD) and relevant service policies regarding DOD runway clear zones.

The House bill contained no similar provision.

The Senate recedes.

The conferees note that the Department has previously reviewed and reported on this subject but has some concerns that should be addressed in an update of that effort.

Therefore, the conferees direct the Secretary of Defense, in consultation with the Service secretaries, to submit to the congressional defense committees a report not later than 270 days after the enactment of this Act on Service compliance with Department of Defense and relevant Service policies regarding Department of Defense runway clear zones. The report shall include a listing of all Department of Defense runway clear zones in the United States that are not in compliance with Department of Defense and relevant Service policies regarding Department of Defense runway clear zones. The report shall also

include a plan for bringing all Department of Defense runway clear zones in full compliance with these policies, including a description of the resources required to bring these clear zones into policy compliance, and for providing restitution for property owners.

*Sense of Congress on fire protection in Department of Defense facilities*

The Senate amendment contained a provision (sec. 14014) that would express the sense of Congress that portable fire extinguishers are essential to the safety of the members of the Armed Forces and their families. This provision would also urge the Secretary of Defense to consider amending the current United Facilities Criteria to address portable fire extinguisher standards.

The House bill contained no similar provision.

The Senate recedes.

## **TITLE XXIX—OVERSEAS CONTINGENCY OPERATIONS MILITARY CONSTRUCTION**

*Summary*

The budget request included \$638.1 million for Overseas Contingency Operations military construction for fiscal year 2018.

The conference agreement includes authorization of appropriations of \$748.6 million for Overseas Contingency Operations military construction for fiscal year 2018.

As noted earlier in this report, the agreement recommends a reduction in funding for several projects included in the base budget request in order to transfer them to the Overseas Contingency Operations title of this Act. Therefore, the agreement recommends a commensurate increase in the Overseas Contingency Operations account to support these projects. Specifically, these projects include: \$27.325 million for a Guardian Angel Operations Facility at Aviano Air Base, Italy; \$25.997 million for a 216 Person Dormitory at Incirlik Air Base, Turkey; \$22.4 million to Construct Hydrant System at Naval Air Station Sigonella, Italy; \$15.0 million for a Consolidated Squadron Operations Facility at Al Udeid Air Base, Qatar; \$13.39 million for an Aircraft Parking Apron Expansion at Camp Lemonnier, Djibouti; and \$6.4 million for the Forward Operating Site at an unspecified location in Turkey.

*Authorized Army construction and land acquisition projects (sec. 2901)*

The House bill contained a provision (sec. 2901) that would contain the list of certain authorized Army construction projects for fiscal year 2018. These projects represent a binding list of the specific projects authorized at these locations.

The Senate amendment contained a similar provision (sec. 2901).

The Senate recedes with a technical amendment.

*Authorized Navy construction and land acquisition project (sec. 2902)*

The House bill contained a provision (sec. 2902) that would contain the list of a certain authorized Navy construction project for fiscal year 2018. This project represents a binding list of the specific project authorized at this location.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Authorized Air Force construction and land acquisition project (sec. 2903)*

The House bill contained a provision (sec. 2903) that would contain the list of certain authorized Air Force construction projects for fiscal year 2018. This project represents a binding list of the specific projects authorized at these locations.

The Senate amendment contained a similar provision (sec. 2902).

The Senate recedes with a technical amendment.

*Authorized Defense Agencies construction and land acquisition project (sec. 2904)*

The House bill contained a provision (sec. 2904) that would contain the list of a certain authorized Defense Agency's construction project for fiscal year 2018. This project represents a binding list of the specific project authorized at this location.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

*Authorization of appropriations (sec. 2905)*

The House bill contained a provision (sec. 2905) that would authorize appropriations for Overseas Contingency Operations military construction at the levels identified in section 4602 of division D.

The Senate amendment contained a similar provision (sec. 2903).

The Senate recesses with a technical amendment.

*Extension of authorization of certain fiscal year 2015 projects (sec. 2906)*

The House bill contained a provision (sec. 2906) that would extend the authorizations of certain projects originally authorized by section 2902 of the Military Construction Authorization Act for Fiscal Year 2015 (division B of Public Law 113-291) until October 1, 2018, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2019, whichever is later.

The Senate amendment contained a similar provision (sec. 2904).

The House recesses.

**DIVISION C—DEPARTMENT OF ENERGY  
NATIONAL SECURITY AUTHORIZATIONS  
AND OTHER AUTHORIZATIONS**

**TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL  
SECURITY PROGRAMS**

**SUBTITLE A—NATIONAL SECURITY PROGRAMS  
AUTHORIZATIONS**

*National Nuclear Security Administration (sec. 3101)*

The House bill contained a provision (sec. 3101) that would authorize a total of \$14.2 billion for the Department of Energy in fiscal year 2018 for the National Nuclear Security Administration (NNSA) to carry out programs necessary for national security and would also authorize new plant projects for the NNSA.

The Senate amendment contained a similar provision (sec. 3101) that would authorize appropriations but did not include

authorization for a Material Staging Facility at the Pantex Plant.

The Senate recedes with an amendment that would clarify authority for the NNSA to enter into an incrementally-funded contract for the Albuquerque Complex project. The conferees emphasize that this authorization should not be construed to set a precedent for incrementally-funded projects and that the Department of Energy should continue to pursue authorization of incremental funding for other projects through its long-established practices.

*Defense environmental cleanup (sec. 3102)*

The House bill contained a provision (sec. 3102) that would authorize the appropriation of funds for the Department of Energy's defense environmental clean-up activities.

The Senate amendment contained a similar provision (sec. 3102).

The Senate recedes.

*Other defense activities (sec. 3103)*

The House bill contained a provision (sec. 3103) that would authorize appropriations for other defense activities for the Department of Energy for fiscal year 2018.

The Senate amendment contained an identical provision (sec. 3103).

The conference agreement includes this provision.

*Nuclear energy (sec. 3104)*

The House bill contained a provision (sec. 3104) that would authorize appropriations for certain nuclear energy programs for the Department of Energy for fiscal year 2018.

The Senate amendment contained an identical provision (sec. 3104).

The conference agreement includes this provision.

**SUBTITLE B—PROGRAM AUTHORIZATIONS,  
RESTRICTIONS, AND LIMITATIONS**

*Nuclear security enterprise infrastructure modernization  
initiative (sec. 3111)*

The House bill contained a provision (sec. 3111) that would make a series of findings regarding the need to address

infrastructure problems within the nuclear security enterprise, and would also establish a program known as the Facilities and Infrastructure Recapitalization and Repair Program, with a goal of reducing the backlog of deferred maintenance and repair needs by at least 50 percent within 5 years. The provision would also require the Administrator for Nuclear Security to submit an initial plan to carry out the program with the budget request for fiscal year 2019. The program would terminate 5 years after the date of enactment of this Act.

The Senate amendment contained no similar provision.

The Senate recedes with amendments that would: modify the name of the program to the Infrastructure Modernization Initiative; modify the goal of the program to reducing the backlog by at least 30 percent by 2025; require the Administrator to submit an initial plan not later than March 1, 2018; strike the requirement in the plan for certification by the Secretary of Energy; strike the termination date and insert a requirement that the Administrator reassess the program not later than February 1, 2024; and establish that the Administrator may not change the requirements for a plant project carried out under Department of Energy Order 413.3B after Critical Decision 2 if the cost of the project will increase by more than \$5 million or 15 percent, whichever is less, unless the Administrator authorizes such change without delegation and submits to the congressional defense committees an associated cost-benefit and risk analysis.

*Incorporation of integrated surety architecture in transportation (sec. 3112)*

The House bill contained a provision (sec. 3112) that would require the Administrator for Nuclear Security, in coordination with the Chairman of the Nuclear Weapons Council, to ensure that all nuclear warhead development programs, life extension programs, and major alteration programs incorporate integrated designs compatible with the Integrated Surety Architecture (ISA) Program of the National Nuclear Security Administration (NNSA). The provision would also require that over-the-road shipments of the NNSA involving any nuclear weapon planned to be in the active stockpile after 2025 incorporate surety technologies relating to transportation and shipping developed by the ISA Program.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would strike subsection (c) of the House provision.

The conferees note that the report accompanying the House bill (H. Rept. 115-200) clarified the intent for this provision.

*Cost estimates for life extension program and major alteration projects (sec. 3113)*

The House bill contained a provision (sec. 3113) that would require the Secretary of Energy, acting through the Administrator for Nuclear Security, to conduct independent cost estimates or independent cost reviews at various phases of warhead life extension programs.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that includes technical and clarifying changes.

*Improved information relating to certain defense nuclear nonproliferation programs (sec. 3114)*

The House bill contained a provision (sec. 3115) that would create a new section 4310 in the Atomic Energy Defense Act (50 U.S.C. 2563) to require the Administrator for Nuclear Security to track and document, for efforts that are not focused on basic research, the technologies and capabilities developed by the Defense Nuclear Nonproliferation Research and Development (DNN R&D) program to better understand whether such technologies are transitioned to end users or deployed. Furthermore, this provision would require the Administrator, in assessing projects within the DNN R&D program and the Nonproliferation and Arms Control program, to compare the status of each project, including the final results of such projects, to baseline targets and goals established in the initial project plan and would require the Administrator to include, within the annual plan required by section 4309(b) of the Atomic Energy Defense Act (50 U.S.C. 2575(b)), information related to these requirements.

The Senate amendment contained no similar provision.

The Senate recedes.

*Research and development of advanced naval reactor fuel based on low-enriched uranium (sec. 3115)*

The House bill contained a provision (sec. 3116) that would prohibit the obligation or expenditure of any funds authorized to be appropriated for fiscal year 2018 for the Department of Energy or Department of Defense to plan or carry out research and development of an advanced naval nuclear fuel system based on low-enriched uranium. The provision contains an exception that would authorize for these purposes, from within amounts made available for fiscal year 2018 for defense nuclear nonproliferation, \$5.0 million for the Deputy Administrator for



Naval Reactors of the National Nuclear Security Administration to carry out such research. The provision also provides that, if the Secretary of Energy and the Secretary of the Navy determine under section 3118(c)(1) of the National Defense Authorization Act for Fiscal Year 2016 (P.L. 114-92) that such research and development should continue, an additional \$30.0 million may be made available to the Deputy Administrator for such purpose.

The Senate amendment contained no similar provision.

The Senate recesses.

*National Nuclear Security Administration pay and performance system (sec. 3116)*

The House bill contained a provision (sec. 3118) that would require the Administrator for Nuclear Security to continue to carry out the Pay Banding and Performance-Based Pay Adjustment Demonstration Project of the National Nuclear Security Administration, authorized under section 4703 of title 5, U.S. Code, for 5 years after the date of enactment of this Act.

The Senate amendment contained a provision (sec. 3114) that would convert the Pay Banding and Performance-Based Pay Adjustment Demonstration Project into a permanent alternative personnel system.

The Senate recesses with amendments that would change the sunset from 5 to 10 years from the date of enactment of this Act; clarify how changes in the alternative personnel system must be approved and notified; and clarify that the Director of the Naval Nuclear Propulsion Program may, with the concurrence of the Secretary of the Navy, apply this system to employees of the Naval Nuclear Propulsion Program in both the competitive service and the excepted service.

*Budget requests and certification regarding nuclear weapons dismantlement (sec. 3117)*

The House bill contained a provision (sec. 3114) that would require the Administrator for Nuclear Security to ensure that the President's annual budget request for fiscal years 2019 to 2026 includes not more than \$56.0 million for the nuclear weapons dismantlement and disposition activities of the National Nuclear Security Administration (NNSA) in accordance with the limitation in section 3125(a) of the National Defense Authorization Act for Fiscal Year 2017 (P.L. 114-328).

The Senate amendment contained no similar provision.

The Senate recesses.

*Nuclear warhead design competition (sec. 3118)*

The House bill contained a provision (sec. 3121) that would require the Administrator for Nuclear Security to plan and carry out a new and comprehensive design competition for a nuclear warhead that could be employed on ballistic missiles of the United States by 2030. The provision would require the Administrator to develop a plan in fiscal year 2018 to carry out this competition and to implement such plan in fiscal year 2019.

The Senate amendment contained no similar provision.

The Senate recesses.

*Modification of minor construction threshold for plant projects (sec. 3119)*

The House bill contained a provision (sec. 3120) that would amend section 4701 of the Atomic Energy Defense Act (50 U.S.C. 2741) to increase the threshold for minor construction projects of the National Nuclear Security Administration from \$10.0 million to \$20.0 million and index the threshold to inflation.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would strike the index to inflation.

To enable better congressional oversight of these projects, the conferees direct the Administrator for Nuclear Security to provide additional information in the President's annual budget request regarding minor construction projects with estimated total project costs between \$10.0 million and \$20.0 million. Information provided should include location or site, detailed project description, total project cost, and forecasted project milestones such as project start, design complete, and construction complete dates. The conferees further direct the Administrator to provide semi-annual progress updates on these projects to the Committees on Armed Services of the Senate and House of Representatives, including any projects whose estimated costs were below \$10.0 million initially but whose estimated or actual costs have risen above \$10.0 million during the course of the project.

*Extension of authorization of Advisory Board on Toxic Substances and Worker Health (sec. 3120)*

The Senate amendment contained a provision (sec. 3116) that would extend the authorization of the Advisory Board on Toxic Substances and Worker Health through December 19, 2024.

The House bill contained no similar provision.

The House recesses.

*Use of funds for construction and project support activities relating to MOX facility (sec. 3121)*

The House bill contained a provision (sec. 3119) that would require the Secretary of Energy to carry out construction and project support activities for the Mixed Oxide Fuel Fabrication Facility (MFFF) with any funds authorized to be appropriated or otherwise made available for such purposes for fiscal year 2018. The Secretary would be allowed to waive this requirement if the Secretary submits certain matters, notifications, and certifications to the Committees on Armed Services of the Senate and the House of Representatives.

The Senate amendment contained a similar provision (sec. 3112) that would require the Secretary of Energy to carry out construction and project support activities for the Mixed Oxide Fuel Fabrication Facility with any funds authorized to be appropriated or otherwise made available for such purposes for fiscal year 2018. The Secretary would be allowed to waive this requirement to carry out construction and project support activities related to the MFFF project if the Secretary submits to the congressional defense committees: (1) The commitment of the Secretary to remove plutonium intended to be disposed of in the MOX facility from South Carolina and ensure a sustainable future for the Savannah River Site and (2) Certification that an alternative option exists for carrying out the plutonium disposition program for the same amount of plutonium identified that was to be disposed of in the MOX facility is completed meeting the requirements of National Nuclear Security Administration Business Operating Procedure "BOP-03.07, Analysis of Alternatives" dated March 14, 2016 and that the total lifecycle cost, consistent with Government Accountability Office (GAO) cost estimating and assessment best practices as found in GAO-09-3SP "GAO Cost Estimating and Assessment Guide," of the alternative option would be less than half of the estimated remaining lifecycle cost of the mixed-oxide fuel program, estimates that should be of comparable accuracy.

The House recesses with an amendment that would clarify that the estimates of the remaining lifecycle cost should be determined in a manner comparable to GAO's best practices and that the alternative option would be less than approximately half the estimated cost of the mixed-oxide fuel program.

*Prohibition on availability of funds for programs in Russian Federation (sec. 3122)*

The House bill contained a provision (sec. 3117) that would prohibit the obligation or expenditure of any funds for fiscal year 2018 for atomic energy defense activities to enter into a contract with, or otherwise provide assistance to, the Russian Federation. The provision contains an exception for the Department of Energy's Russian Health Studies Program, as well as waiver authority if the Secretary of Energy determines, in writing, that a nuclear-related threat arising in Russia must be addressed urgently.

The Senate amendment contained no similar provision.  
The Senate recesses.

## **SUBTITLE C—PLANS AND REPORTS**

*Annual Selected Acquisition Reports on certain hardware relating to defense nuclear nonproliferation (sec. 3131)*

The House bill contained a provision (sec. 3137) that would require the Administrator for Nuclear Security to submit to the congressional defense committees, at the end of each fiscal year, selected acquisition reports for certain projects carried out by the defense nuclear nonproliferation research and development program that are focused on the production and deployment of hardware (including with respect to the development and deployment of satellites or satellite payloads) and exceed \$500.0 million in total program cost over the course of 5 years.

The Senate amendment contained no similar provision.

The Senate recesses with an amendment that would add a reporting requirement to the Atomic Energy Defense Act.

*Annual reports on unfunded priorities of National Nuclear Security Administration (sec. 3132)*

The House bill contained a provision (sec. 3124) that would require the Administrator for Nuclear Security to submit, not later than 10 days after the date on which the President submits the budget request for a fiscal year, a report on the unfunded priorities of the National Nuclear Security Administration.

The Senate amendment contained a similar provision (sec. 3115).

The House recesses with an amendment that would clarify the definition of "unfunded priority."

*Modification of certain reporting requirements (sec. 3133)*

The House bill contained a provision (sec. 3131) that would modify certain reporting requirements for the National Nuclear Security Administration.

The Senate amendment contained a similar provision (sec. 3113).

The Senate recesses with an amendment that would drop subsection (g) of the Senate provision, the modification of section 3121 of the National Defense Authorization Act for Fiscal Year 2013 (P.L. 112-239).

*Modification to stockpile stewardship, management, and responsiveness plan (sec. 3134)*

The House bill contained a provision (sec. 3135) that would amend section 4203 of the Atomic Energy Defense Act (50 U.S.C. 2523) to require the Administrator for Nuclear Energy to include, within the Stockpile Stewardship, Management, and Responsiveness Plan (SSMRP), an assessment of whether the programs described in the SSMRP can be executed within current and projected budgets as well as any associated risks.

The Senate amendment contained no similar provision.  
The Senate recesses.

*Assessment and development of prototype nuclear weapons of foreign countries (sec. 3135)*

The Senate amendment contained a provision (sec. 3111) that would eliminate section 2660 of title 50, U.S. Code, (Design and use of prototypes of nuclear weapons intelligence purposes) and incorporate its functions into section 2538b of title 50, U.S. Code (Stockpile Responsiveness Program).

The House bill contained no similar provision.  
The House recesses.

*Plan for verification, detection, and monitoring of nuclear weapons and fissile material (sec. 3136)*

The House bill contained a provision (sec. 3126) that would require the President, in consultation with the Secretary of State, the Secretary of Defense, the Secretary of Energy, the Secretary of Homeland Security, and the Director of National Intelligence, to develop a plan for verification and monitoring relating to the potential proliferation of nuclear weapons, components of such weapons, and fissile material.

The Senate amendment contained no similar provision.  
The Senate recesses.

The conferees direct the Comptroller General of the United States to review the plan for verification and monitoring required by this provision, assessing whether the plan responds specifically to the congressional mandate, the extent to which the plan contains sufficient details about the required elements of the report, including the requirements, costs and funding, and identifying interagency roles, responsibilities and planning; an international engagement plan; a description of research and development efforts and measures to coordinate requirements early in the process; and engagement of relevant government department and agencies, national laboratories, industry and academia. The Comptroller's review shall also assess whether there are any gaps in the plan. The Comptroller shall submit his review to the appropriate congressional committees no later than 90 days after the plan is submitted to Congress. The conferees direct that the Secretary of Energy, as lead agency for the development of the plan, submit the required plan required by this section to the Comptroller for purposes of this review at the time it is submitted to Congress. In addition, the conferees direct the Comptroller, no later than 60 days after the enactment of this Act, to review and submit an assessment of the plans submitted to Congress required by section 3133 of the National Defense Authorization for Fiscal Year 2015 (Public Law 113-291), and the update required in section 3132 of the National Defense Authorization for Fiscal Year 2017 (Public Law 114-328).

*Review of United States nuclear and radiological terrorism prevention strategy (sec. 3137)*

The Senate amendment contained a provision (sec. 6603) that would require the Secretary of Energy, acting through the Administrator for Nuclear Security, to enter into an arrangement with the National Academy of Sciences to assess and recommend improvements to the strategies of the United States for preventing, countering, and responding to nuclear and radiological terrorism, specifically terrorism involving the use of nuclear weapons, improvised nuclear devices, or radiological dispersal or exposure devices, or the sabotage of nuclear facilities.

The House bill contained no similar provision.

The House recedes with an amendment that would change the arrangement between the Secretary of Energy and the National Academy of Sciences to the independent scientific advisory group, known as JASON.

*Assessment of management and operating contracts of national security laboratories (sec. 3138)*

The House bill contained a provision (sec. 3132) that would require, within 30 days of the date of enactment of this Act, the Administrator for Nuclear Security to seek to enter into a contract with a federally funded research and development center (FFRDC) to conduct an assessment of the benefits, costs, challenges, risks, efficiency, and effectiveness of the Administrator's strategy for management and operating contracts for national security laboratories. The provision would further require the FFRDC to submit this report to the Administrator within 90 days of contract award and require the Administrator to provide the FFRDC report, unchanged, to the congressional defense committees. Finally, the provision would prohibit the Administrator from awarding or extending a management and operating contract for a national security laboratory until the Administrator submits the FFRDC report to Congress.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would clarify that the prohibition would apply only to the issuing of a final award or decision to extend a contract and not to activities to prepare for such an award or extension.

*Evaluation of classification of certain defense nuclear waste (sec. 3139)*

The House bill contained a provision (sec. 3133) that would require the Secretary of Energy to conduct an evaluation of the feasibility, costs, and cost savings of classifying certain defense nuclear waste as other than high-level radioactive waste.

The Senate amendment contained no similar provision.

The Senate recedes with a technical amendment.

The conferees note that as the Department concentrates on remediating low activity waste at Hanford, the conferees direct the Secretary of Energy to develop a plan to maintain a core technical competency of staff at the Waste Treatment Plant in the areas of high level waste pretreatment and vitrification, since ultimately it will be required to meet consent order agreement milestones. This plan is due to the congressional defense committees no later than March 31, 2018.

*Improved reporting for anti-smuggling radiation detection systems (sec. 3140)*

The House bill contained a provision (sec. 3136) that would require the Administrator for Nuclear Security to submit to the congressional defense committees, with the President's budget request for fiscal years 2019 through 2021, a report regarding any anti-smuggling radiation detection systems that the Administrator proposes to deploy during the fiscal year covered by the budget request.

The Senate amendment contained no similar provision.

The Senate recesses.

*Plutonium capabilities (sec. 3141)*

The House bill contained a provision (sec. 3125) that would require, no later than 30 days after the date of enactment of this Act, the Administrator for Nuclear Security to submit to the congressional defense committees and the Secretary of Defense a report on the recommended alternative endorsed by the Administrator for recapitalization of plutonium science and production capabilities of the nuclear security enterprise. The provision would also require the Chairman of the Nuclear Weapons Council to submit to the congressional defense committees a certification of whether the recommended alternative endorsed by the Administrator is acceptable to the Secretary of Defense and the Nuclear Weapons Council and is likely to meet pit production timelines and milestones. Finally, the provision would require the Director for Cost Estimating and Program Evaluation (CEPE) of the National Nuclear Security Administration to provide to the congressional defense committees a briefing on the analysis of alternatives.

The Senate amendment contained a similar provision (sec. 13101) that would require the Director of CEPE to consult with the Director of Cost Assessment and Program Evaluation (CAPE) of the Department of Defense on the briefing and would also require the Comptroller General of the United States to provide a briefing on the analysis conducted by the Administrator.

The House recesses with amendments that would strike the review by the Comptroller General of the United States and the consultation with CAPE on the briefing. The amendments would also require that, if by 150 days after the date of enactment of this Act the Administrator has not yet identified the preferred alternative or if the Chairman of the Nuclear Weapons Council has not provided the required certification that the chosen alternative meets the criteria as laid out, the Administrator shall carry out the modular building strategy (as defined in section 3114(c)(3) of the National Defense Authorization Act for Fiscal Year 2013 (P.L. 112-239)) at Los Alamos National Laboratory.



*Report on critical decision 1 on Material Staging Facility project (sec. 3142)*

The House bill contained a provision (sec. 3134) that would require the Administrator for Nuclear Security to submit a report to the congressional defense committees no later than October 31, 2017, containing the Administrator's decision memorandum for critical decision 1 on the Material Staging Facility project at the Pantex Plant.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would change the due date of the report from October 31, 2017, to 30 days from enactment of this Act.

*Plan to further minimize the use of highly enriched uranium for medical isotopes (sec. 3143)*

The House bill contained a provision (sec. 3140) that would require the Secretary of Energy to develop and submit a plan, no later than April 1, 2018, to promote production of molybdenum-99 and technetium-99m without highly enriched uranium.

The Senate amendment contained no similar provision.

The Senate recedes.

## **SUBTITLE D—OTHER MATTERS**

*Sense of Congress regarding uranium mining and nuclear testing (sec. 3151)*

The House bill contained a provision (sec. 3139) that would express the sense of Congress that the United States should compensate and recognize all of the miners, workers, downwinders, and others suffering from the effects of uranium mining and nuclear testing carried out during the Cold War.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that would make a series of related findings regarding the Radiation Exposure Compensation Act and the Energy Employees Occupational Illness Compensation Program Act of 2000 (P.L. 101-426). The amendment would also acknowledge that, as of the date of enactment of this Act, more than 145,775 claims have been paid out for a total of \$16.4 billion in lump sum compensation and medical expenses under these two Acts.

## **LEGISLATIVE PROVISIONS NOT ADOPTED**

*Department of Energy Counterintelligence polygraph program*

The House bill contained a provision (sec. 3122) that would require the Secretary of Energy to add dual-nationals seeking employment in positions with access to classified information to their counterintelligence polygraph program.

The Senate amendment contained no similar provision.  
The House recesses.

*Security clearance for dual-nationals employed by National Nuclear Security Agency*

The House bill contained a provision (sec. 3123) that would require the Secretary of Energy to apply additional review before approving a security clearance for dual-nationals whose second nationality is that of a high-threat foreign state as designated by the Secretary of Energy.

The Senate amendment contained no similar provision.  
The House recesses.

*Assessment of design trade options of W80-4 warhead*

The House bill contained a provision (sec. 3138) that would require the Director for Cost Estimating and Program Evaluation of the National Nuclear Security Administration to conduct an assessment of the design trade options, and the associated costs and benefits of each option, for the W80-4 warhead.

The Senate amendment contained no similar provision.  
The House recesses.

**TITLE XXXII—DEFENSE NUCLEAR FACILITIES  
SAFETY BOARD**

*Authorization (sec. 3201)*

The House bill contained a provision (sec. 3201) that would authorize \$30.6 million for the operation of the Defense Nuclear Facilities Safety Board under chapter 21 of the Atomic Energy Act of 1954 (42 U.S.C. 2286 et seq.), consistent with the President's fiscal year 2018 budget request.

The Senate amendment contained an identical provision (sec. 3201).

The Senate amendment contained another provision (sec. 8201) that would require the Defense Nuclear Facilities Safety Board, not later than 10 days after the date on which the budget

of the President for a fiscal year is submitted to Congress, to submit to the congressional defense committees a letter certifying that the requested budget is sufficient for the conduct of the safety reviews that the Board intends to conduct in that fiscal year or, if the Board is unable to certify this, a letter including a list of such reviews and the estimated level of additional funding required to conduct such reviews.

The House recesses with an amendment that would require the letter to certify that the requested budget is sufficient to carry out the mission of the Board during the fiscal year covered by the budget request.

## **TITLE XXXIV—NAVAL PETROLEUM RESERVES**

*Authorization of appropriations (sec. 3401)*

The House bill contained a provision (sec. 3401) that would authorize \$4.9 million for fiscal year 2018 for the operation and maintenance of the naval petroleum reserves.

The Senate amendment contained no similar provision. The Senate recesses.

## **TITLE XXXV—MARITIME ADMINISTRATION**

### **LEGISLATIVE PROVISIONS ADOPTED**

*Authorization of the Maritime Administration (sec. 3501)*

The Senate amendment contained a provision (sec. 13502) that would authorize appropriations to the Department of Transportation for fiscal year 2018 for programs associated with maintaining the United States merchant marine, including authorizations for: the United States Merchant Marine Academy (USMMA); State maritime academies; National Security Multi-Mission Vessel; Maritime Administration operations and programs; disposal of vessels in the National Defense Reserve Fleet; Title XI loan program; and Small Shipyards Grant Program. The Senate amendment would also explicitly authorize funds for satellite communication devices for USMMA students in the Sea Year program and for the sexual harassment and sexual assault prevention and response at the USMMA.

The House bill contained a similar provision (sec. 3501).

The House recesses with an amendment that would adopt Senate authorization for the State maritime academies, Title XI loan program, Small Shipyards Program, sexual harassment and sexual assault prevention and response programs, and satellite

communication devices. The amendment would also adopt the House authorization for Maritime Administration operations and programs and recodification of the Maritime Security Program. The amendment would adjust authorization levels for the USMMA, disposal of vessels in the National Defense Reserve Fleet, and National Security Multi-Mission Vessel.

*Merchant Ship Sales Act of 1946 (sec. 3502)*

The House bill contained a provision (sec. 3502) that would repeal the first section and sections 2, 3, 5, 12, and 14 of the Merchant Ship Sales Act of 1946. Additionally, the section would transfer section 8(d) of the Act to chapter 563, Emergency Acquisition of Vessels, of title 46, United States Code. Finally, the section would transfer section 11 of the Act to chapter 571, General Authority, of title 46, United States Code.

The Senate amendment contained no similar provision.  
The Senate recedes.

*Maritime Security Fleet Program; restriction on operation for new entrants (sec. 3503)*

The House bill contained a provision (sec. 3503) that would amend section 53105 of title 46, United States Code, and prohibit a maritime security program payment to a vessel operating in the transportation of cargo between points in the United States and its territories either directly or via a foreign port. This section would further authorize the replacement of vessels under an existing operating agreement.

The Senate amendment contained no similar provision.  
The Senate recedes.

*Codification of sections relating to acquisition, charter, and requisition of vessels (sec. 3504)*

The House bill contained a provision (sec. 3504) that would move certain sections related to the acquisition, charter, and requisition of vessels from title 50 to title 46, United States Code, and make additional conforming changes.

The Senate amendment contained no similar provision.  
The Senate recedes.

*Assistance for small shipyards (sec. 3505)*

The House bill contained a provision (sec. 3505) that would amend section 54101 of title 46, United States Code, and

limit small shipyard grants to organizations relating to shipbuilding, ship repair and associated industries. Additionally, this section would authorize funds for small shipyard grants for fiscal years 2018 and 2019.

The Senate amendment contained a similar provision (sec. 13607) that would allow for the reallocation of unused small shipyard grants to fund other qualifying grants. Additionally, this section would include certain Buy America requirements for the grants. The authorization of funds for small shipyard grants, for fiscal years 2018 through 2020, was included in section 13502 of the Senate amendment.

The Senate recedes with an amendment that would allow for the reallocation of unused small shipyard grants to fund other qualifying grants.

*Report on sexual assault victim recovery in the Coast Guard (sec. 3506)*

The House bill contained a provision (sec. 3506) that would require the Commandant of the Coast Guard to submit, not later than 180 days after the enactment of this Act, a report to Congress on sexual assault prevention and response policies of the Coast Guard and strategic goals related to sexual assault victim recovery.

The Senate amendment contained no similar provision.  
The Senate recedes.

*Centers of excellence (sec. 3507)*

The House bill contained a provision (sec. 3507) that would authorize the Secretary of Transportation to designate centers of excellence for domestic maritime workforce training and education. The section would specify the geographic areas eligible for a center of excellence designation and it would define the entities eligible for such designation.

The Senate amendment contained a similar provision (sec. 13508) that would authorize the Secretary of Transportation to designate centers of excellence, except the Senate section would apply to some geographic areas not covered under the House section and would specify the Secretary may provide surplus Federal equipment and assets.

The Senate recedes with an amendment that would include all of the geographic areas covered under the Senate section but not under the House section, in addition to all of the geographic areas covered under the House section.

*Foreign spill protection (sec. 3508)*

The House bill contained a provision (sec. 3508(a)(b)) that would authorize the Foreign Spill Protection Act of 2017.

The Senate amendment contained no similar provision.

The Senate recedes with an amendment that removes the appropriation for continuation pay for the Department of Homeland Security-Coast Guard.

*Removal of adjunct professor limit at United States Merchant Marine Academy (sec. 3509)*

The Senate amendment contained a provision (sec. 13503) that would remove the limit on contracting adjunct professors in one academic trimester at the United States Merchant Marine Academy.

The House bill contained no similar provision.

The House recedes.

*Acceptance of guarantees in conjunction with partial donations for major projects of the United States Merchant Marine Academy (sec. 3510)*

The Senate amendment contained a provision (sec. 13504) that would allow a donor to the United States Merchant Marine Academy to fund a substantial portion of a major project, if such donor provides a qualified guarantee he or she would make an additional gift sufficient to complete the project if other donors do not contribute the necessary additional funds.

The House bill contained no similar provision.

The House recedes.

*Authority to pay conveyance or transfer expenses in connection with acceptance of a gift to the United States Merchant Marine Academy (sec. 3511)*

The Senate amendment contained a provision (sec. 13505) that would permit the United States Merchant Marine Academy to accept a gift, such as tangible property, that may require additional expenditures necessary for shipping or conveyance of the gift.

The House bill contained no similar provision.

The House recedes.

*Authority to participate in Federal, State or other research grants (sec. 3512)*

The Senate amendment contained a provision (sec. 13506) that would allow United States Merchant Marine Academy faculty

members to participate in competitions for grants that have scientific or educational value to the Academy.

The House bill contained no similar provision.

The House recedes with a technical amendment.

*Provision of satellite communication devices during Sea Year program (sec. 3513)*

The Senate amendment contained a provision (sec. 13509) that would require the Maritime Administration to ensure each student participating in the Sea Year program is provided or has access to a functional satellite communication device.

The House bill contained no similar provision.

The House recedes with an amendment that would insert similar language from section 13512 of the Senate amendment to ensure each student participating in the Sea Year program is provided a functional satellite communication device and that they use the device to check-in at least once per week with designated Academy personnel.

*Actions to address sexual harassment, dating violence, domestic violence, sexual assault, and stalking at the United States Merchant Marine Academy (sec. 3514)*

The Senate amendment contained a provision (sec. 13510) that would add dating violence, domestic violence, and stalking to the list of covered actions in the sexual assault and harassment policy at the United States Merchant Marine Academy. It would also set training requirements for student disciplinary grievance procedures and codify requirements to prevent retaliation.

The House bill contained no similar provision.

The House recedes with a technical amendment.

*Sexual assault prevention and response staff for the United States Merchant Marine Academy (sec. 3515)*

The Senate amendment contained a provision (sec. 13511) that would set additional training, selection, and duty requirements for the Sexual Assault Response Coordinator position at the United States Merchant Marine Academy. It would also provide Academy students with access to the Department of Defense SAFE Helpline.

The House bill contained no similar provision.

The House recedes with an amendment that would allow the Academy to provide students with access to a sexual assault

prevention and response helpline equivalent to the Department of Defense SAFE Helpline.

*Protection of cadets at the United States Merchant Marine Academy from sexual assault onboard commercial vessels (sec. 3516)*

The Senate amendment contained a provision (sec. 13512) that would set check-in requirements for United States Merchant Marine Academy students participating in the Sea Year program and require those students are provided functional satellite communication devices. It would also set minimum requirements for checks, certifications, and records for commercial vessels that participate in the Sea Year program.

The House bill contained no similar provision.

The House recedes with an amendment that moves to another section in the conference agreement the requirement to ensure a student participating in the Sea Year program is provided a functional satellite communication device and other technical amendments.

*Training requirement for sexual assault investigators (sec. 3517)*

The Senate amendment contained a provision (sec. 13513) that would require Department of Transportation Inspector General investigative employees assigned to the Regional Investigations Office in New York, New York to participate in training on sexual assault investigations.

The House bill contained no similar provision.

The House recedes with a technical amendment.

## **LEGISLATIVE PROVISIONS NOT ADOPTED**

*Maritime Administration*

The Senate amendment contained provisions (sec. 3501 and sec. 13501) that would affect certain aspects of the authorization of the Maritime Administration.

The House bill contained no similar provision.

The Senate recedes.

*Application of law*

The House bill contained a provision (sec. 3509) that would amend section 4301 of title 46, United States Code, on matters related to recreational vessels.



The Senate amendment contained no similar provision.  
The House recedes.

*Recourse for non-U.S. seamen*

The House bill contained a provision (sec. 3510) that would amend section 57103 of title 46, United States Code, on matters relating to recourse for non-U.S. seamen.

The Senate amendment contained no similar provision.  
The House recedes.

## **DIVISION D—FUNDING TABLES**

*Authorization of amounts in funding tables (sec. 4001)*

The Senate amendment contained a provision (sec. 4001) that would provide for the allocation of funds among programs, projects, and activities in accordance with the tables in division D of this Act, subject to reprogramming in accordance with established procedures.

Consistent with the previously expressed views of the committee, the provision would also require that decisions by an agency head to commit, obligate, or expend funds to a specific entity on the basis of such funding tables be based on authorized, transparent, statutory criteria or merit-based selection procedures in accordance with the requirements of sections 2304(k) and 2374 of title 10, United States Code, and other applicable provisions of law.

The House bill contained a similar provision.  
The House recedes.

## SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018

(In Thousands of Dollars)

	FY 2018 Request	Conference Change	Conference Authorized
<b>DISCRETIONARY AUTHORIZATIONS WITHIN THE JURISDICTION OF THE ARMED SERVICES COMMITTEE</b>			
<b>National Defense Funding, Base Budget Request</b>			
<b>Function 051, Department of Defense-Military</b>			
<b>Division A: Department of Defense Authorizations</b>			
<b>Title I—Procurement</b>			
Aircraft Procurement, Army .....	4,149,894	1,350,899	5,500,793
Missile Procurement, Army .....	3,403,054	717,406	4,120,460
Weapons & Tracked Combat Vehicles, Army .....	2,423,608	1,488,796	3,912,404
Procurement of Ammunition, Army .....	1,879,283	835,284	2,714,567
Other Procurement, Army .....	6,469,331	2,015,725	8,485,056
Joint Improvised-Threat Defeat Fund .....	14,442		14,442
Aircraft Procurement, Navy .....	15,056,235	3,889,750	18,945,985
Weapons Procurement, Navy .....	3,420,107	95,500	3,515,607
Procurement of Ammunition, Navy & Marine Corps .....	792,345	42,500	834,845
Shipbuilding & Conversion, Navy .....	19,903,682	6,276,702	26,180,384
Other Procurement, Navy .....	8,277,789	241,198	8,518,987
Procurement, Marine Corps .....	2,064,825	62,579	2,127,404
Aircraft Procurement, Air Force .....	15,430,849	2,989,800	18,420,649
Missile Procurement, Air Force .....	2,308,182	17,000	2,325,182
Space Procurement, Air Force .....	3,370,775	73,800	3,444,575
Procurement of Ammunition, Air Force .....	1,376,602		1,376,602
Other Procurement, Air Force .....	19,891,552	380,330	20,271,882
Procurement, Defense-Wide .....	6,074,558	276,950	6,351,508
Joint Urgent Operational Needs Fund .....	99,795	-99,795	0
National Guard & Reserve Equipment .....	0	250,000	250,000
<b>Subtotal, Title I—Procurement .....</b>	<b>116,406,908</b>	<b>20,904,424</b>	<b>137,311,332</b>
<b>Title II—Research, Development, Test and Evaluation</b>			
Research, Development, Test & Evaluation, Army .....	9,446,140	572,304	10,018,444
Research, Development, Test & Evaluation, Navy .....	17,735,035	315,730	18,050,765
Research, Development, Test & Evaluation, Air Force .....	35,170,103	686,650	35,856,753
Research, Development, Test & Evaluation, Defense- Wide .....	21,501,122	710,692	22,211,814
Operational Test & Evaluation, Defense .....	210,900		210,900
<b>Subtotal, Title II—Research, Development, Test and Evaluation .....</b>	<b>84,063,300</b>	<b>2,285,376</b>	<b>86,348,676</b>
<b>Title III—Operation and Maintenance</b>			
Operation & Maintenance, Army .....	38,945,417	1,160,643	40,106,060
Operation & Maintenance, Army Reserve .....	2,906,842	89,447	2,996,289
Operation & Maintenance, Army National Guard .....	7,307,170	184,383	7,491,553
Operation & Maintenance, Navy .....	46,112,907	277,900	46,390,807
Operation & Maintenance, Marine Corps .....	6,933,408	82,291	7,015,699
Operation & Maintenance, Navy Reserve .....	1,084,007	-5,300	1,078,707
Operation & Maintenance, Marine Corps Reserve .....	278,837	4,477	283,314
Operation & Maintenance, Air Force .....	39,447,982	1,054,000	40,501,982

## SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018—Continued

(In Thousands of Dollars)

	FY 2018 Request	Conference Change	Conference Authorized
Operation & Maintenance, Air Force Reserve .....	3,267,507	59,900	3,327,407
Operation & Maintenance, Air National Guard .....	6,939,968	110,800	7,050,768
Operation & Maintenance, Defense-Wide .....	34,609,552	-87,100	34,522,452
US Court of Appeals for the Armed Forces, Defense .....	14,538		14,538
Overseas Humanitarian, Disaster and Civic Aid .....	104,900		104,900
Cooperative Threat Reduction .....	324,600		324,600
Environmental Restoration, Army .....	215,809		215,809
Environmental Restoration, Navy .....	281,415	42,234	323,649
Environmental Restoration, Air Force .....	293,749	30,000	323,749
Environmental Restoration, Defense .....	9,002		9,002
Environmental Restoration, Formerly Used Sites .....	208,673		208,673
<b>Subtotal, Title III—Operation and Maintenance .....</b>	<b>189,286,283</b>	<b>3,003,675</b>	<b>192,289,958</b>
<b>Title IV—Military Personnel</b>			
Military Personnel Appropriations .....	133,881,636	127,350	134,008,986
Medicare-Eligible Retiree Health Fund Contributions .....	7,804,427	33,000	7,837,427
<b>Subtotal, Title IV—Military Personnel .....</b>	<b>141,686,063</b>	<b>160,350</b>	<b>141,846,413</b>
<b>Title XIV—Other Authorizations</b>			
Working Capital Fund, Army .....	83,776		83,776
Working Capital Fund, Air Force .....	66,462		66,462
Working Capital Fund, DECA .....	1,389,340		1,389,340
Working Capital Fund, Defense-Wide .....	47,018		47,018
National Defense Sealift Fund .....	509,327	7,000	516,327
Chemical Agents & Munitions Destruction .....	961,732		961,732
Drug Interdiction and Counter Drug Activities .....	790,814	31,000	821,814
Office of the Inspector General .....	336,887		336,887
Defense Health Program .....	33,664,466	-211,600	33,452,866
<b>Subtotal, Title XIV—Other Authorizations .....</b>	<b>37,849,822</b>	<b>-173,600</b>	<b>37,676,222</b>
<b>Total, Division A: Department of Defense Authoriza- tions .....</b>	<b>569,292,376</b>	<b>26,180,225</b>	<b>595,472,601</b>
<b>Division B: Military Construction Authorizations</b>			
<b>Military Construction</b>			
Army .....	920,394	62,400	982,794
Navy .....	1,616,665	103,740	1,720,405
Air Force .....	1,738,796	-60,622	1,678,174
Defense-Wide .....	3,314,913	-373,400	2,941,513
NATO Security Investment Program .....	154,000		154,000
Army National Guard .....	210,652	83,500	294,152
Army Reserve .....	73,712	56,000	129,712
Navy and Marine Corps Reserve .....	65,271		65,271
Air National Guard .....	161,491	34,000	195,491
Air Force Reserve .....	63,535	57,600	121,135
Unaccompanied Housing Improvement Fund .....	623		623
<b>Subtotal, Military Construction .....</b>	<b>8,320,052</b>	<b>-36,782</b>	<b>8,283,270</b>

## Family Housing

November 7, 2017 (1:25 p.m.)

## SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018—Continued

(In Thousands of Dollars)

	FY 2018 Request	Conference Change	Conference Authorized
Construction, Army .....	182,662		182,662
Operation & Maintenance, Army .....	346,625		346,625
Construction, Navy and Marine Corps .....	83,682		83,682
Operation & Maintenance, Navy and Marine Corps .....	328,282		328,282
Construction, Air Force .....	85,062		85,062
Operation & Maintenance, Air Force .....	318,324		318,324
Operation & Maintenance, Defense-Wide .....	59,169		59,169
Improvement Fund .....	2,726		2,726
<b>Subtotal, Family Housing .....</b>	<b>1,406,532</b>	<b>0</b>	<b>1,406,532</b>
<b>Base Realignment and Closure</b>			
Base Realignment and Closure—Army .....	58,000		58,000
Base Realignment and Closure—Navy .....	143,644	35,000	178,644
Base Realignment and Closure—Air Force .....	54,223		54,223
<b>Subtotal, Base Realignment and Closure .....</b>	<b>255,867</b>	<b>35,000</b>	<b>290,867</b>
<b>Total, Division B: Military Construction Authorizations</b>	<b>9,982,451</b>	<b>-1,782</b>	<b>9,980,669</b>
<b>Total, 051, Department of Defense-Military .....</b>	<b>579,274,827</b>	<b>26,178,443</b>	<b>605,453,270</b>
<b>Division C: Department of Energy National Security Authorization and Other Authorizations</b>			
<b>Function 053, Atomic Energy Defense Activities</b>			
<b>Environmental and Other Defense Activities</b>			
Nuclear Energy .....	133,000		133,000
Weapons Activities .....	10,239,344	138,131	10,377,475
Defense Nuclear Nonproliferation .....	1,793,310	90,000	1,883,310
Naval Reactors .....	1,479,751		1,479,751
Federal Salaries and Expenses .....	418,595	-11,000	407,595
Defense Environmental Cleanup .....	5,537,186	-97,080	5,440,106
Other Defense Activities .....	815,512	488	816,000
Defense Nuclear Waste Disposal .....	30,000		30,000
<b>Subtotal, Environmental and Other Defense Activities ..</b>	<b>20,446,698</b>	<b>120,539</b>	<b>20,567,237</b>
<b>Independent Federal Agency Authorization</b>			
Defense Nuclear Facilities Safety Board .....	30,600		30,600
<b>Subtotal, Independent Federal Agency Authorization ...</b>	<b>30,600</b>	<b>0</b>	<b>30,600</b>
<b>Subtotal, 053, Atomic Energy Defense Activities .....</b>	<b>20,477,298</b>	<b>120,539</b>	<b>20,597,837</b>
<b>Function 054, Defense-Related Activities</b>			
<b>Other Agency Authorizations</b>			
Maritime Security Program .....	210,000	90,000	300,000
<b>Subtotal, Independent Federal Agency Authorization ...</b>	<b>210,000</b>	<b>90,000</b>	<b>300,000</b>
<b>Subtotal, 054, Defense-Related Activities .....</b>	<b>210,000</b>	<b>90,000</b>	<b>300,000</b>

## SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018—Continued

(In Thousands of Dollars)

	FY 2018 Request	Conference Change	Conference Authorized
<b>Subtotal, Division C: Department of Energy National Security Authorization and Other Authorizations .....</b>	<b>20,687,298</b>	<b>210,539</b>	<b>20,897,837</b>
<b>Total, National Defense Funding, Base Budget Request</b>	<b>599,962,125</b>	<b>26,388,982</b>	<b>626,351,107</b>

## National Defense Funding, Overseas Contingency Operations

## National Defense Funding, Overseas Contingency Operations Budget Request

## Function 051, Department of Defense-Military

**Procurement**

Aircraft Procurement, Army .....	424,686		424,686
Missile Procurement, Army .....	559,283		559,283
Weapons & Tracked Combat Vehicles, Army .....	1,191,139		1,191,139
Procurement of Ammunition, Army .....	193,436		193,436
Other Procurement, Army .....	405,575		405,575
Joint Improvised-Threat Defeat Fund .....	483,058		483,058
Aircraft Procurement, Navy .....	157,300		157,300
Weapons Procurement, Navy .....	152,373		152,373
Procurement of Ammunition, Navy & Marine Corps .....	236,440		236,440
Other Procurement, Navy .....	251,559		251,559
Procurement, Marine Corps .....	65,274		65,274
Aircraft Procurement, Air Force .....	740,778		740,778
Missile Procurement, Air Force .....	395,400		395,400
Space Procurement, Air Force .....	2,256		2,256
Procurement of Ammunition, Air Force .....	501,509	30,700	532,209
Other Procurement, Air Force .....	4,008,887		4,008,887
Procurement, Defense-Wide .....	518,026		518,026
<b>Subtotal, Procurement .....</b>	<b>10,286,979</b>	<b>30,700</b>	<b>10,317,679</b>

**Research, Development, Test and Evaluation**

Research, Development, Test & Evaluation, Army .....	119,368		119,368
Research, Development, Test & Evaluation, Navy .....	167,565		167,565
Research, Development, Test & Evaluation, Air Force .....	135,358		135,358
Research, Development, Test & Evaluation, Defense-Wide .....	226,096		226,096
<b>Subtotal, Research, Development, Test and Evaluation</b>	<b>648,387</b>	<b>0</b>	<b>648,387</b>

**Operation and Maintenance**

Operation & Maintenance, Army .....	16,998,894	-250,000	16,748,894
Operation & Maintenance, Army Reserve .....	24,699		24,699
Operation & Maintenance, Army National Guard .....	108,111		108,111
Afghanistan Security Forces Fund .....	4,937,515		4,937,515
Counter-ISIS Train & Equip Fund .....	1,769,000		1,769,000
Operation & Maintenance, Navy .....	5,951,289		5,951,289
Operation & Maintenance, Marine Corps .....	1,141,374		1,141,374
Operation & Maintenance, Navy Reserve .....	23,980		23,980
Operation & Maintenance, Marine Corps Reserve .....	3,367		3,367

## SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018—Continued

(In Thousands of Dollars)

	FY 2018 Request	Conference Change	Conference Authorized
Operation & Maintenance, Air Force .....	10,266,295		10,266,295
Operation & Maintenance, Air Force Reserve .....	58,523		58,523
Operation & Maintenance, Air National Guard .....	15,400		15,400
Operation & Maintenance, Defense-Wide .....	7,793,244	-250,000	7,543,244
Ukraine Security Assistance .....	0	350,000	350,000
<b>Subtotal, Operation and Maintenance .....</b>	<b>49,091,691</b>	<b>-150,000</b>	<b>48,941,691</b>
<b>Military Personnel</b>			
Military Personnel Appropriations .....	4,326,172		4,326,172
<b>Subtotal, Military Personnel .....</b>	<b>4,326,172</b>	<b>0</b>	<b>4,326,172</b>
<b>Other Authorizations</b>			
Working Capital Fund, Army .....	50,111		50,111
Working Capital Fund, Defense-Wide .....	98,845		98,845
Drug Interdiction and Counter Drug Activities .....	196,300		196,300
Office of the Inspector General .....	24,692		24,692
Defense Health Program .....	395,805		395,805
<b>Subtotal, Other Authorizations .....</b>	<b>765,753</b>	<b>0</b>	<b>765,753</b>
<b>Military Construction</b>			
Army .....	139,700	6,400	146,100
Navy .....	18,500	13,390	31,890
Air Force .....	478,030	68,322	546,352
Defense-Wide .....	1,900	22,400	24,300
<b>Subtotal, Military Construction .....</b>	<b>638,130</b>	<b>110,512</b>	<b>748,642</b>
<b>Subtotal, Overseas Contingency Operations .....</b>	<b>65,757,112</b>	<b>-8,788</b>	<b>65,748,324</b>
<b>Subtotal, 051, Department of Defense-Military .....</b>	<b>65,757,112</b>	<b>-8,788</b>	<b>65,748,324</b>
<b>Total, National Defense Funding, Overseas Contingency Operations Budget Request .....</b>	<b>65,757,112</b>	<b>-8,788</b>	<b>65,748,324</b>
<b>Total, National Defense .....</b>	<b>665,719,237</b>	<b>26,380,194</b>	<b>692,099,431</b>
<b>MEMORANDUM: NON-DEFENSE AUTHORIZATIONS</b>			
Title XII—Financial obligations pursuant to Section 432 of the Compact of Free Association with Palau (Function 800) .....	123,900		123,900
Title XIV—Armed Forces Retirement Home (Function 600) .....	64,300		64,300
Title XXXIV—Naval Petroleum and Oil Shale Reserves (Function 270) .....	4,900		4,900
<b>MEMORANDUM: TRANSFER AUTHORITIES (NON-ADD)</b>			
Title X—General Transfer Authority .....	[5,000,000]	[-500,000]	[4,500,000]
Title XV—Special Transfer Authority .....	[4,500,000]	[-2,000,000]	[2,500,000]

**SUMMARY OF NATIONAL DEFENSE AUTHORIZATIONS FOR FISCAL YEAR 2018—Continued**

(In Thousands of Dollars)

	FY 2018 Request	Conference Change	Conference Authorized
<b>MEMORANDUM: DEFENSE AUTHORIZATIONS NOT UNDER THE JURISDICTION OF THE ARMED SERVICES COMMITTEE (NON-ADD)</b>			
Defense Production Act .....	[37,401]		[37,401]

**NATIONAL DEFENSE BUDGET AUTHORITY IMPLICATION**

(In Thousands of Dollars)

	FY 2018 Request	Conference Change	Conference Authorized
<b>Summary, Discretionary Authorizations Within the Jurisdiction of the Armed Services Committee</b>			
<b>SUBTOTAL, DEPARTMENT OF DEFENSE (051)</b> .....	<b>579,274,827</b>	<b>26,178,443</b>	<b>605,453,270</b>
<b>SUBTOTAL, ATOMIC ENERGY DEFENSE PROGRAMS (053)</b> .....	<b>20,477,298</b>	<b>120,539</b>	<b>20,597,837</b>
<b>SUBTOTAL, DEFENSE-RELATED ACTIVITIES (054)</b> .....	<b>210,000</b>	<b>90,000</b>	<b>300,000</b>
<b>TOTAL, NATIONAL DEFENSE (050)—BASE BILL</b> .....	<b>599,962,125</b>	<b>26,388,982</b>	<b>626,351,107</b>
<b>TOTAL, OVERSEAS CONTINGENCY OPERATIONS</b> .....	<b>65,757,112</b>	<b>-8,788</b>	<b>65,748,324</b>
<b>GRAND TOTAL, NATIONAL DEFENSE</b> .....	<b>665,719,237</b>	<b>26,380,194</b>	<b>692,099,431</b>
<b>Base National Defense Discretionary Programs That Are Not In the Jurisdiction of the Armed Services Committee or Do Not Require Additional Authorization</b>			
Defense Production Act Purchases .....	37,000		37,000
Indefinite Account: Disposal Of DOD Real Property .....	8,000		8,000
Indefinite Account: Lease Of DOD Real Property .....	38,000		38,000
<b>Subtotal, Budget Sub-Function 051</b> .....	<b>83,000</b>		<b>83,000</b>
Formerly Utilized Sites Remedial Action Program .....	118,000		118,000
<b>Subtotal, Budget Sub-Function 053</b> .....	<b>118,000</b>		<b>118,000</b>
Other Discretionary Programs .....	7,645,000		7,645,000
<b>Subtotal, Budget Sub-Function 054</b> .....	<b>7,645,000</b>		<b>7,645,000</b>
<b>Total Defense Discretionary Adjustments (050)</b> .....	<b>7,846,000</b>		<b>7,846,000</b>
<b>Budget Authority Implication, National Defense Discretionary</b>			
Department of Defense--Military (051) .....	645,114,939	26,169,655	671,284,594
Atomic Energy Defense Activities (053) .....	20,595,298	120,539	20,715,837
Defense-Related Activities (054) .....	7,855,000	90,000	7,945,000
<b>Total BA Implication, National Defense Discretionary</b> .....	<b>673,565,237</b>	<b>26,380,194</b>	<b>699,945,431</b>
<b>National Defense Mandatory Programs, Current Law (CBO Estimates)</b>			
Concurrent receipt accrual payments to the Military Retirement Fund .....	7,496,000		7,496,000
Revolving, trust and other DOD Mandatory .....	1,333,000		1,333,000
Offsetting receipts .....	-1,889,000		-1,889,000
<b>Subtotal, Budget Sub-Function 051</b> .....	<b>6,940,000</b>		<b>6,940,000</b>
Energy employees occupational illness compensation programs and other .....	1,273,000		1,273,000
<b>Subtotal, Budget Sub-Function 053</b> .....	<b>1,273,000</b>		<b>1,273,000</b>
Radiation exposure compensation trust fund .....	59,000		59,000
Payment to CIA retirement fund and other .....	514,000		514,000
<b>Subtotal, Budget Sub-Function 054</b> .....	<b>573,000</b>		<b>573,000</b>
BCA Mandatory Sequestration—Undistributed Plug .....	-691,000		-691,000
<b>Total National Defense Mandatory (050)</b> .....	<b>8,095,000</b>		<b>8,095,000</b>
<b>Budget Authority Implication, National Defense Discretionary and Mandatory</b>			
Department of Defense--Military (051) .....	652,054,939	26,169,655	678,224,594
Atomic Energy Defense Activities (053) .....	21,868,298	120,539	21,988,837
Defense-Related Activities (054) .....	8,428,000	90,000	8,518,000



**NATIONAL DEFENSE BUDGET AUTHORITY IMPLICATION—Continued**

(In Thousands of Dollars)

	<b>FY 2018 Request</b>	<b>Conference Change</b>	<b>Conference Authorized</b>
<b>Total BA Implication, National Defense Discretionary and Mandatory .....</b>	<b>682,351,237</b>	<b>26,380,194</b>	<b>708,731,431</b>

# TITLE XLI—PROCUREMENT

## SEC. 4101. PROCUREMENT.

SEC. 4101. PROCUREMENT (In Thousands of Dollars)											
Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
<b>AIRCRAFT PROCUREMENT, ARMY</b>											
<b>FIXED WING</b>											
002	UTILITY F/W AIRCRAFT .....	4	75,115	4	75,115	4	75,115			4	75,115
004	MQ-1 UAV .....	2	30,206	8	90,206	12	130,206	6	60,000	8	90,206
	UFR: ER Improved Gray Eagle Air Vehicles .....			[6]	[60,000]	[10]	[100,000]	[6]	[60,000]		
<b>ROTARY</b>											
005	HELICOPTER, LIGHT UTILITY (LUH) .....	13	108,383	13	108,383	13	108,383			13	108,383
006	AH-64 APACHE BLOCK IIIA REMAN .....	48	725,976	48	764,976	50	764,976	2	39,000	50	764,976
	UFR: Procures remanufactured AH64Es .....				[39,000]	[2]	[39,000]	[2]	[39,000]		
007	ADVANCE PROCUREMENT (CY) .....		170,910		170,910		170,910				170,910
008	AH-64 APACHE BLOCK IIIB NEW BUILD .....	13	374,100	21	648,500	22	647,800	8	273,700	21	647,800
	UFR: Procures AH-64E .....			[8]	[274,400]	[9]	[273,700]	[8]	[273,700]		
009	ADVANCE PROCUREMENT (CY) .....		71,900		71,900		71,900				71,900
010	UH-60 BLACKHAWK M MODEL (MYP) .....	48	938,308	53	1,224,710	48	938,308	5	108,000	53	1,046,308
	Unfunded requirement—additional 5 for ARNG .....			[5]	[100,000]			[5]	[108,000]		
	Unfunded requirement—UH-60M ECPs .....				[186,402]						
011	ADVANCE PROCUREMENT (CY) .....		86,295		86,295		86,295				86,295
012	UH-60 BLACK HAWK A AND L MODELS .....	36	76,516	39	93,216	36	76,516	3	16,700	39	93,216
	Unfunded requirement—UH-60Vs .....			[3]	[16,700]			[3]	[16,700]		
013	CH-47 HELICOPTER .....	6	202,576	14	557,076	10	449,140	8	354,500	14	557,076
	Emergent requirements—additional 4 CH-47F Block I .....			[4]	[108,000]			[4]	[108,000]		
	Unfunded requirement—additional 4 MH-47Gs .....			[4]	[246,500]	[4]	[246,564]	[4]	[246,500]		
014	ADVANCE PROCUREMENT (CY) .....		17,820		17,820		17,820				17,820
<b>MODIFICATION OF AIRCRAFT</b>											
015	MQ-1 PAYLOAD (MIP) .....		5,910	10	21,910	10	21,910	10	16,000	10	21,910
	UFR: Procures of Common Sensor Payloads .....			[10]	[16,000]	[10]	[16,000]	[10]	[16,000]		

016	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS) .....	15,000		15,000		15,000		15,000
017	GRAY EAGLE MODS2 .....	74,291		74,291		74,291		74,291
018	MULTI SENSOR ABN RECON (MIP) .....	68,812	7	98,287		98,287	7	98,287
	UFR: Procures of Electronic Intelligence (ELINT) upgrades .....		[7]	[29,475]		[29,475]	[7]	[29,475]
019	AH-64 MODS .....	238,141		382,941		238,141		382,941
	Unfunded requirement .....			[144,800]				[144,800]
020	CH-47 CARGO HELICOPTER MODS (MYP) .....	20,166		81,166		20,166		81,166
	Unfunded requirement .....			[61,000]				[61,000]
021	GRCS SEMA MODS (MIP) .....	5,514		5,514		5,514		5,514
022	ARL SEMA MODS (MIP) .....	11,650		11,650		11,650		11,650
023	EMARSS SEMA MODS (MIP) .....	15,279		15,279		15,279		15,279
024	UTILITY/CARGO AIRPLANE MODS .....	57,737		57,737		57,737		57,737
025	UTILITY HELICOPTER MODS .....	5,900		40,709		5,900		40,709
	Unfunded requirement .....			[34,809]				[34,809]
026	NETWORK AND MISSION PLAN .....	142,102		142,102		142,102		142,102
027	COMMS, NAV SURVEILLANCE .....	166,050	505	207,630		166,050	505	207,630
	Unfunded requirement—ARC-201D encrypted radios .....		[505]	[41,580]			[505]	[41,580]
028	GATM ROLLUP .....	37,403		37,403		37,403		37,403
029	RQ-7 UAV MODS .....	83,160		194,160	5	214,160	5	194,160
	UFR: Procures Shadow V2 BLK III systems .....			[111,000]	[5]	[131,000]	[5]	[111,000]
030	UAS MODS .....	26,109		26,429	9	26,429	9	26,429
	UFR: Procures OSRVT systems .....			[320]	[9]	[320]	[9]	[320]
	<b>GROUND SUPPORT AVIONICS</b>							
031	AIRCRAFT SURVIVABILITY EQUIPMENT .....	70,913		70,913		70,913		70,913
032	SURVIVABILITY CM .....	5,884		5,884		5,884		5,884
033	CMWS .....	26,825		88,625		51,825		51,825
	UFR: Limited Interim Missile Warning System (LIMWS) Quick Reaction Capability.			[61,800]		[25,000]		[25,000]
034	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	6,337		6,337	24	31,337	24	31,337
	UFR: CIRCM B-Kits .....				[24]	[25,000]	[24]	[25,000]
	<b>OTHER SUPPORT</b>							
035	AVIONICS SUPPORT EQUIPMENT .....	7,038		7,038		7,038		7,038
036	COMMON GROUND EQUIPMENT .....	47,404	92	56,304		47,404	92	56,304
	Unfunded requirement—grow the Army .....			[1,800]				[1,800]
	Unfunded requirement—Non destructive test equip .....		[92]	[7,100]			[92]	[7,100]
037	AIRCREW INTEGRATED SYSTEMS .....	47,066		59,166		47,066		47,066
	Unfunded requirement .....			[12,100]				
038	AIR TRAFFIC CONTROL .....	83,790		84,905		84,905		84,905
	UFR: Airspace Information System shelter and Alternate Workstation.			[1,115]		[1,115]		[1,115]

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
039	INDUSTRIAL FACILITIES .....		1,397		1,397		1,397				1,397
040	LAUNCHER, 2.75 ROCKET .....		1,911		1,911		1,911				1,911
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY .....</b>	<b>170</b>	<b>4,149,894</b>	<b>814</b>	<b>5,703,795</b>	<b>243</b>	<b>5,037,068</b>	<b>684</b>	<b>1,350,899</b>	<b>854</b>	<b>5,500,793</b>
	<b>MISSILE PROCUREMENT, ARMY</b>										
	<b>SURFACE-TO-AIR MISSILE SYSTEM</b>										
001	LOWER TIER AIR AND MISSILE DEFENSE (AMD) .....		140,826		140,826		140,826				140,826
002	MSE MISSILE .....	240	1,106,040	240	1,739,610	240	1,756,081			240	1,106,040
	UFR: Additional MSE missiles .....				[633,570]		[650,041]				
003	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I .....		57,742		57,742		38,742				57,742
	Available prior year funds .....						[-19,000]				
	<b>AIR-TO-SURFACE MISSILE SYSTEM</b>										
005	HELLFIRE SYS SUMMARY .....	998	94,790	1,104	104,790	1,104	104,860	106	10,000	1,104	104,790
	UFR: Procures maximum Hellfire missile .....			[106]	[10,000]	[106]	[10,070]	[106]	[10,000]		
006	JOINT AIR-TO-GROUND MSLS (JAGM) .....	824	178,432	824	173,432	824	133,432		-18,306	824	160,126
	Excess due to delays .....						[-45,000]		[-18,306]		
	Program decrease .....				[-5,000]						
	<b>ANTI-TANK/ASSAULT MISSILE SYS</b>										
008	JAVELIN (AAWS-M) SYSTEM SUMMARY .....	525	110,123	898	257,423	898	257,488	373	147,300	898	257,423
	UFR: Procures additional Javelin .....			[373]	[147,300]	[373]	[147,365]	[373]	[147,300]		
009	TOW 2 SYSTEM SUMMARY .....	1,156	85,851	1,156	85,851	1,156	85,851			1,156	85,851
010	ADVANCE PROCUREMENT (CY) .....		19,949		19,949		19,949				19,949
011	GUIDED MLRS ROCKET (GMLRS) .....	4,458	595,182	4,458	606,882	4,458	609,682		11,700	4,458	606,882
	Program reduction—unit cost savings .....				[-2,800]				[-2,800]		
	UFR: Tooling and practice rounds .....				[14,500]		[14,500]		[14,500]		
012	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) .....	3,306	28,321	3,882	34,651	3,882	34,651	576	6,330	3,882	34,651
	UFR: Funds Reduced Range Practice Rockets .....			[576]	[6,330]	[576]	[6,330]	[576]	[6,330]		
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HMARS) .....		64		435,728		435,728		64		435,728
	Unfunded requirement—ERI .....			[32]	[197,000]				[32]		[197,000]
	Unfunded requirement—grow the Army .....			[32]	[238,728]				[32]		[238,728]
014	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) .....				46,600		46,600				46,600
	Unfunded requirement .....				[46,600]				[46,600]		
	<b>MODIFICATIONS</b>										

015	PATRIOT MODS .....	496,073		496,073		663,527		454		496,527	
	UFR: Procures additional ELES .....					[167,454]		[454]			
016	ATACMS MODS .....	186,040	75	255,440	75	255,440				186,040	
	UFR: Additional ATACMS .....		[75]	[69,400]	[75]	[69,400]					
017	GMLRS MOD .....	531		531		531				531	
018	STINGER MODS .....	63,090		63,090	576	91,890	576	28,800	576	91,890	
	UFR: Maximizes Stinger .....				[576]	[28,800]	[576]	[28,800]			
019	AVENGER MODS .....	62,931		62,931		62,931				62,931	
020	ITAS/TOW MODS .....	3,500		3,500		3,500				3,500	
021	MLRS MODS .....	138,235	32	187,035	32	187,117	32	48,800	32	187,035	
	UFR: Procures M270A1 MLRS launchers .....		[32]	[48,800]	[32]	[48,882]	[32]	[48,800]			
022	HIMARS MODIFICATIONS .....	9,566		9,566		9,566				9,566	
	<b>SPARES AND REPAIR PARTS</b>										
023	SPARES AND REPAIR PARTS .....	18,915		18,915		18,915				18,915	
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>										
024	AIR DEFENSE TARGETS .....	5,728		5,728		5,728				5,728	
026	PRODUCTION BASE SUPPORT .....	1,189		1,189		1,189				1,189	
	<b>UNDISTRIBUTED</b>										
027	UNDISTRIBUTED .....				32	435,728					
	UFR: Procures HIMARS launchers .....				[32]	[435,728]					
	<b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....	<b>11,507</b>	<b>3,403,054</b>	<b>12,733</b>	<b>4,807,482</b>	<b>13,277</b>	<b>4,917,624</b>	<b>1,727</b>	<b>717,406</b>	<b>13,234</b>	<b>4,120,460</b>
	<b>PROCUREMENT OF W&amp;TCV, ARMY</b>										
	<b>TRACKED COMBAT VEHICLES</b>										
001	BRADLEY PROGRAM .....					111,000	33	111,000	33	111,000	
	UFR: Recap 1 Infantry Battalion Set of M2A4 .....					[111,000]	[33]	[111,000]			
002	ARMORED MULTI PURPOSE VEHICLE (AMPV) .....	42	193,715	42	193,715	42	193,715		42	193,715	
	<b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>										
004	STRYKER (MOD) .....	97,552		274,552		793,052		177,000		274,552	
	UFR: Second SBCT set of 30mm .....					[177,000]		[177,000]			
	UFR: Stryker ECP .....					[348,000]					
005	STRYKER UPGRADE .....			348,000			116	348,000	116	348,000	
	Unfunded requirement – completes 4th DVH SBCT .....					[348,000]	[116]	[348,000]			
006	BRADLEY PROGRAM (MOD) .....	444,851	33	555,851		444,851				444,851	
	Unfunded requirement .....		[33]	[111,000]							
007	M109 FOV MODIFICATIONS .....	64,230		64,230		64,230				64,230	
008	PALADIN INTEGRATED MANAGEMENT (PIM) .....	59	646,413	59	646,413	59	646,413		59	646,413	
009	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) .....	16	72,402	51	194,402	51	194,402	35	122,000	51	194,402
	UFR: Procures one ABCT set of HERCULES (M88A2) .....					[122,000]	[35]	[122,000]			
010	ASSAULT BRIDGE (MOD) .....	5,855		5,855		5,855				5,855	

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Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
011	ASSAULT BREACHER VEHICLE .....	7	34,221	10	64,221	7	94,221	3	30,000	10	64,221
	UFR: Procures Assault Breacher Vehicles, Combat Dozer Blades, Full Width Mine Plows.			[3]	[30,000]		[60,000]	[3]	[30,000]		
012	M88 FOV MODS .....		4,826		4,826		4,826				4,826
013	JOINT ASSAULT BRIDGE .....	27	128,350	27	128,350	27	128,350			27	128,350
014	M1 ABRAMS TANK (MOD) .....		248,826		419,826		469,826		171,000		419,826
	UFR: Completes the first Brigade set of Trophy (NDI APS) for Abrams w/ ERI OCO (1 APS Set).				[171,000]		[221,000]		[171,000]		
015	ABRAMS UPGRADE PROGRAM .....	20	275,000	49	650,000	20	836,000	29	375,000	49	650,000
	UFR: Recapitalization of 29 Abrams tanks to M1A2SEPV3 .....			[29]	[375,000]		[561,000]	[29]	[375,000]		
	<b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>										
018	M240 MEDIUM MACHINE GUN (7.62MM) .....		1,992	161	3,292		4,342	161	1,300	161	3,292
	UFR: Procures additional .....			[161]	[1,300]		[2,350]	[161]	[1,300]		
019	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S .....		6,520	742	58,520		26,520	285	20,000	285	26,520
	UFR: Procures M3E1 light weight Carl Gustaf weapon systems.			[742]	[52,000]		[20,000]	[285]	[20,000]		
020	MORTAR SYSTEMS .....		21,452		34,552		34,502		13,100		34,552
	UFR: Procures M121 120mm Mortars .....				[13,100]		[13,050]		[13,100]		
021	XM320 GRENADE LAUNCHER MODULE (GLM) .....		4,524	234	5,324		5,323	234	799	234	5,323
	UFR: Procures M320A1 40mm Grenade Launchers .....			[234]	[800]		[799]	[234]	[799]		
023	CARBINE .....		43,150	12,220	51,150		57,137	12,220	8,000	12,220	51,150
	UFR: Procures M4A1 carbines .....			[12,220]	[8,000]		[13,987]	[12,220]	[8,000]		
024	COMMON REMOTELY OPERATED WEAPONS STATION .....		750		10,750		10,750		10,000		10,750
	UFR: Accelerate CROWS modifications .....				[10,000]		[10,000]		[10,000]		
025	HANDGUN .....		8,326	1,389	8,726		8,704	1,389	378	1,389	8,704
	UFR: Procures Modular Handgun Systems .....			[1,389]	[400]		[378]	[1,389]	[378]		
	<b>MOD OF WEAPONS AND OTHER COMBAT VEH</b>										
026	MK-19 GRENADE MACHINE GUN MODS .....		2,000		2,000		2,000				2,000
027	M777 MODS .....		3,985	18	89,785		89,772	18	85,787	18	89,772
	UFR: Funds M777 lightweight towed howitzers .....			[18]	[85,800]		[85,787]	[18]	[85,787]		
028	M4 CARBINE MODS .....		31,315		31,315		31,315				31,315
029	M2 50 CAL MACHINE GUN MODS .....		47,414	188	52,414		52,670	188	4,950	188	52,364
	UFR: Procures M2A1 .50cal machine .....			[188]	[2,400]		[2,350]	[188]	[2,350]		

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	UFR: Procures Mk93 MG mounts, M2A1 .50cal MGs, M205 tripods.				[2,600]		[2,906]		[2,600]		
030	M249 SAW MACHINE GUN MODS .....	3,339			3,339		3,339			3,339	
031	M240 MEDIUM MACHINE GUN MODS .....	4,577			11,177		11,159		6,582	11,159	
	UFR: Procures M192 tripods, M240B 7.62mm, M240L 7.62mm, Gun Optics.				[6,600]		[6,582]		[6,582]		
032	SNIPER RIFLES MODIFICATIONS .....	1,488			1,488		1,488			1,488	
033	M119 MODIFICATIONS .....	12,678			12,678		12,678			12,678	
034	MORTAR MODIFICATION .....	3,998			3,998		3,998			3,998	
035	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) .....	2,219			2,219		2,219			2,219	
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>										
036	ITEMS LESS THAN \$5.0M (WOCV-WTCV) .....	5,075			7,775		7,788		2,700	7,775	
	UFR: Procures M150 Rifle Combat Optic (RCO); M68 Close Combat Optics (CCO).				[2,700]		[2,713]		[2,700]		
037	PRODUCTION BASE SUPPORT (WOCV-WTCV) .....	992			992		992			992	
039	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) .....	1,573			1,573		1,573			1,573	
	<b>UNDISTRIBUTED</b>										
042	UNDISTRIBUTED .....				1,200				1,200	1,200	
	Security Force Assistance Brigade .....				[1,200]				[1,200]		
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....	<b>171</b>	<b>2,423,608</b>	<b>15,223</b>	<b>3,944,508</b>	<b>206</b>	<b>4,355,010</b>	<b>14,711</b>	<b>1,488,796</b>	<b>14,882</b>	<b>3,912,404</b>
	<b>PROCUREMENT OF AMMUNITION, ARMY</b>										
	<b>SMALL/MEDIUM CAL AMMUNITION</b>										
001	CTG, 5.56MM, ALL TYPES .....	39,767			46,867		46,992		7,100	46,867	
	UFR: Additional ammunition .....				[7,100]		[7,225]		[7,100]		
002	CTG, 7.62MM, ALL TYPES .....	46,804			61,704		61,704		14,900	61,704	
	UFR: Additional ammunition .....				[14,900]		[14,900]		[14,900]		
003	CTG, HANDGUN, ALL TYPES .....	10,413			10,503		10,503		90	10,503	
	UFR: Additional ammunition .....				[90]		[90]		[90]		
004	CTG, .50 CAL, ALL TYPES .....	62,837			71,727		71,727		8,890	71,727	
	UFR: Additional ammunition .....				[8,890]		[8,890]		[8,890]		
005	CTG, 20MM, ALL TYPES .....	8,208			8,208		8,208			8,208	
006	CTG, 25MM, ALL TYPES .....	8,640			40,502		40,502		31,862	40,502	
	UFR: Additional ammunition .....				[31,862]		[31,862]		[31,862]		
007	CTG, 30MM, ALL TYPES .....	76,850			79,000		79,000		2,150	79,000	
	UFR: Additional ammunition .....				[2,150]		[2,150]		[2,150]		
008	CTG, 40MM, ALL TYPES .....	108,189			125,380		125,380		17,191	125,380	
	UFR: Additional ammunition .....				[17,191]		[17,191]		[17,191]		
	<b>MORTAR AMMUNITION</b>										
009	60MM MORTAR, ALL TYPES .....	57,359			59,859		59,865		2,500	59,859	

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		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	UFR: Additional ammunition .....				(2,500)		(2,506)		(2,500)		
010	81MM MORTAR, ALL TYPES .....		49,471		52,580		52,580		3,109		52,580
	Unfunded requirement .....				(3,109)		(3,109)		(3,109)		
011	120MM MORTAR, ALL TYPES .....		91,528		109,720		109,720		18,192		109,720
	UFR: Additional 120mm .....				(18,192)		(18,192)		(18,192)		
	<b>TANK AMMUNITION</b>										
012	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES .....		133,500	3,228	173,800		173,800	3,228	40,300	3,228	173,800
	UFR: Additional Tank cartridge .....			(3,228)	(40,300)		(40,300)	(3,228)	(40,300)		
	<b>ARTILLERY AMMUNITION</b>										
013	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES .....		44,200		44,200		44,200				44,200
014	ARTILLERY PROJECTILE, 155MM, ALL TYPES .....		187,149		346,330		346,330		159,181		346,330
	UFR: Additional ammunition .....				(159,181)		(159,181)		(159,181)		
015	PROJ 155MM EXTENDED RANGE M982 .....	480	49,000	480	232,500	480	282,500		183,500	480	232,500
	UFR: Excalibur .....				(183,500)		(233,500)		(183,500)		
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....		83,046		163,768		163,768		80,722		163,768
	UFR: Additional PGK, prop charges, artillery fuzes .....				(48,601)		(48,601)		(48,601)		
	UFR: Required to execute simultaneous OPLAN .....				(32,121)		(32,121)		(32,121)		
	<b>MINES</b>										
017	MINES & CLEARING CHARGES, ALL TYPES .....		3,942		6,942		6,992		3,000		6,942
	UFR: Additional ammunition .....				(3,000)		(3,050)		(3,000)		
	<b>ROCKETS</b>										
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....		5,000		66,881		66,881		61,881		66,881
	UFR: Additional rockets, grenades .....				(61,881)		(61,881)		(61,881)		
020	ROCKET, HYDRA 70, ALL TYPES .....		161,155	1,245	249,155		229,242	1,919	68,000	1,919	229,155
	UFR: Additional APKWS .....				(68,000)		(68,087)	(1,919)	(68,000)		
	Unfunded requirement .....			(1,245)	(20,000)						
	<b>OTHER AMMUNITION</b>										
021	CAD/PAD, ALL TYPES .....		7,441		7,441		7,441				7,441
022	DEMOLITION MUNITIONS, ALL TYPES .....		19,345		21,606		21,606		2,261		21,606
	UFR: Additional munitions .....				(2,261)		(2,261)		(2,261)		
023	GRENADES, ALL TYPES .....		22,759		48,120		48,120		25,361		48,120
	UFR: Additional ammunition .....				(25,361)		(25,361)		(25,361)		
024	SIGNALS, ALL TYPES .....		2,583		3,412		3,412		829		3,412





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		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	
	UFR: Provides transportation of ammunition and break-bulk cargo.			[90]	[52,600]			[52,675]	[90]	[52,600]		
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....			200	112,250				200	112,250	200	112,250
	Unfunded requirement .....			[200]	[112,250]				[200]	[112,250]		
013	TACTICAL WHEELED VEHICLE PROTECTION KITS .....		43,040		43,040		43,040					43,040
014	MODIFICATION OF IN SVC EQUIP .....		83,940		160,723		191,667			73,852		157,792
	UFR: Additional Buffalo and MMPV .....				[73,852]		[107,727]			[73,852]		
	Unfunded requirement—CTE equipment .....				[2,931]							
	<b>NON-TACTICAL VEHICLES</b>											
016	HEAVY ARMORED SEDAN .....		269		269		269					269
017	PASSENGER CARRYING VEHICLES .....		1,320		1,320		1,320					1,320
018	NONTACTICAL VEHICLES, OTHER .....		6,964		6,964		6,964					6,964
	<b>COMM—JOINT COMMUNICATIONS</b>											
019	WIN-T—GROUND FORCES TACTICAL NETWORK .....		420,492		420,492							420,492
	Early to need .....						[-420,492]					
020	SIGNAL MODERNIZATION PROGRAM .....		92,718		92,718		92,718					92,718
021	TACTICAL NETWORK TECHNOLOGY MOD IN SVC .....		150,497	89	227,997		150,497		89	77,500	89	227,997
	Program reduction .....				[-10,000]					[-10,000]		
	Unfunded requirement .....			[89]	[87,500]				[89]	[87,500]		
022	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY .....		6,065		6,065		6,065					6,065
023	JCSE EQUIPMENT (USREDCOM) .....		5,051		5,051		5,051					5,051
	<b>COMM—SATELLITE COMMUNICATIONS</b>											
024	DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS .....		161,383		161,383		161,383					161,383
025	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS .....		62,600		62,600		62,600					62,600
026	SHF TERM .....		11,622		11,622		11,622					11,622
028	SMART-T (SPACE) .....		6,799		6,799		6,799					6,799
029	GLOBAL BRDCST SVC—GBS .....		7,065		7,065		18,065					7,065
	UFR: Procures Global Broadcast Systems .....						[11,000]					
031	ENROUTE MISSION COMMAND (EMC) .....		21,667		21,667		21,667					21,667
	<b>COMM—COMBAT SUPPORT COMM</b>											
033	MOD-IN-SERVICE PROFILER .....		70		70		70					70
	<b>COMM—C3 SYSTEM</b>											
034	ARMY GLOBAL CMD & CONTROL SYS (AGCCS) .....		2,658		2,658		2,658					2,658

<b>COMM—COMBAT COMMUNICATIONS</b>										
036	HANDHELD MANPACK SMALL FORM FIT (HMS) .....	355,351	2,565	363,760		355,351	2,565	8,409	2,565	363,760
	Unfunded requirement .....		[2,565]	[8,409]			[2,565]	[8,409]		
037	MID-TIER NETWORKING VEHICULAR RADIO (MNV) .....	25,100		25,100		25,100				25,100
038	RADIO TERMINAL SET, MIDS LVT(2) .....	11,160		11,160		11,160				11,160
040	TRACTOR DESK .....	2,041		2,041		2,041				2,041
041	TRACTOR RIDE .....	5,534		13,734		13,734		8,200		13,734
	UFR: Procurement of Offensive Cyber Operations .....			[8,200]		[8,200]		[8,200]		
042	SPIDER APLA REMOTE CONTROL UNIT .....	996		996		996				996
043	SPIDER FAMILY OF NETWORKED MUNITIONS INCR .....	4,500	18	6,858		6,858	18	2,358	18	6,858
	UFR: Procures SPIDER INC IA systems .....		[18]	[2,358]		[2,358]	[18]	[2,358]		
045	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM .....	4,411		4,411		4,411				4,411
046	UNIFIED COMMAND SUITE .....	15,275		15,275		15,275				15,275
047	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE .....	15,964		16,725		15,964				15,964
	Unfunded requirement .....			[761]						
<b>COMM—INTELLIGENCE COMM</b>										
049	CI AUTOMATION ARCHITECTURE .....	9,560		9,560		9,560				9,560
050	DEFENSE MILITARY DECEPTION INITIATIVE .....	4,030		4,030		4,030				4,030
<b>INFORMATION SECURITY</b>										
054	COMMUNICATIONS SECURITY (COMSEC) .....	107,804		130,667		131,082		22,863		130,667
	UFR: Security Data System and End Cryptographic Units .....			[22,863]		[23,278]		[22,863]		
055	DEFENSIVE CYBER OPERATIONS .....	53,436	4	61,436	4	61,436	4	8,000	4	61,436
	UFR: Funds Deployable DCO Systems for COMPO 2&3 Cyber Protection Teams .....		[4]	[8,000]	[4]	[8,000]	[4]	[8,000]		
056	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO .....	690		690		690				690
057	PERSISTENT CYBER TRAINING ENVIRONMENT .....	4,000		4,000		4,000				4,000
<b>COMM—LONG HAUL COMMUNICATIONS</b>										
058	BASE SUPPORT COMMUNICATIONS .....	43,751		51,290		43,751				43,751
	Unfunded requirement—first responder communication equipment .....			[7,539]						
<b>COMM—BASE COMMUNICATIONS</b>										
059	INFORMATION SYSTEMS .....	118,101		118,101		118,101				118,101
060	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM .....	4,490		4,490		4,490				4,490
061	HOME STATION MISSION COMMAND CENTERS (HSMCC) .....	20,050		20,050		20,050				20,050
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....	186,251		186,251		186,251				186,251
<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>										
065	JTT/CIBS-M .....	12,154		19,754		19,754		7,600		19,754
	UFR: Procures critical spare parts .....			[7,600]		[7,600]		[7,600]		
068	DCGS-A (MIP) .....	274,782	211	308,494		124,782				274,782
	Changing tactical requirements .....					[-150,000]				

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Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Unfunded requirement .....			[211]	[33,712]						
070	TROJAN (MIP) .....		16,052	7	29,212		29,212	7	13,160	7	29,212
	UFR: Procures TROJAN SPIRIT .....			[7]	[13,160]		[13,160]	[7]	[13,160]		
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....		51,034		51,034		51,034				51,034
072	CI HUMINT AUTO REPRTING AND COLL(CHARCS) .....		7,815		7,815		7,891				7,815
	UFR: Provides CI/HUMINT Automated Reporting and Collection System capabilities.								[76]		
073	CLOSE ACCESS TARGET RECONNAISSANCE (CATR) .....		8,050		8,050		8,050				8,050
074	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM-M .....		567		567		567				567
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>										
076	LIGHTWEIGHT COUNTER MORTAR RADAR .....		20,459		20,459		20,459				20,459
077	EW PLANNING & MANAGEMENT TOOLS (EWPMT) .....		5,805		5,805		5,805				5,805
078	AIR VIGILANCE (AV) .....		5,348		5,348		5,348				5,348
079	CREW .....			10	17,500			10	17,500	10	17,500
	Unfunded requirement—EOD DR SKOs .....			[10]	[17,500]			[10]	[17,500]		
080	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIE .....			3	5,000			3	5,000	3	5,000
	Unfunded requirement .....			[3]	[5,000]			[3]	[5,000]		
081	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....		469		469		469				469
082	CI MODERNIZATION .....		285		285		285				285
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>										
083	SENTINEL MODS .....		28,491	12	100,491	12	100,491	12	72,000	12	100,491
	UFR: Procures additional Sentinal Radars .....			[12]	[72,000]	[12]	[72,000]	[12]	[72,000]		
084	NIGHT VISION DEVICES .....		166,493	449	229,389		231,498	449	62,896	449	229,389
	UFR: Accelerates fielding of the LTLM .....			[449]	[15,749]		[15,749]	[449]	[15,749]		
	Unfunded requirement—grow the Army .....				[47,147]		[49,256]		[47,147]		
085	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....		13,947	150	16,097		16,097	150	2,150	150	16,097
	UFR: Procures Small Tactical Optical Rifle Mounted laser range finder.			[150]	[2,150]		[2,150]	[150]	[2,150]		
086	BASE EXPEDITARY TARGETING AND SURV SYS .....			53	29,462						
	Unfunded requirement .....			[53]	[29,462]						
087	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....		21,380		598,613		598,663		577,233		598,613
	UFR: IFPC/Avernger Battalions and Warn Suites .....				[577,233]		[577,283]		[577,233]		
088	FAMILY OF WEAPON SIGHTS (FWS) .....		59,105		59,105		59,105				59,105

089	ARTILLERY ACCURACY EQUIP .....	2,129		2,129	2,129				2,129
091	JOINT BATTLE COMMAND—PLATFORM (JBC-P) .....	282,549	3,771	342,649	402,971	3771	60,100	3,771	342,649
	UFR: Replenishes Joint Battle Command- Platform .....		[3,771]	[60,100]	[120,422]	[3,771]	[60,100]		
092	JOINT EFFECTS TARGETING SYSTEM (JETS) .....	48,664		48,664	48,664				48,664
093	MOD OF IN-SVC EQUIP (LLDR) .....	5,198		5,198	5,198				5,198
094	COMPUTER BALLISTICS: LHMCB XM32 .....	8,117		8,117	8,117				8,117
095	MORTAR FIRE CONTROL SYSTEM .....	31,813		47,513	52,513		15,700		47,513
	UFR: Procures Mortar Fire Control systems (M95, M96) .....			[15,700]	[20,700]		[15,700]		
096	COUNTERFIRE RADARS .....	329,057	4	393,257	393,257	4	64,200	4	393,257
	UFR: Procures AN/TPQ-53 Counterfire Target Acquisition Radar System.		[4]	[64,200]	[64,200]	[4]	[64,200]		
	<b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>								
097	FIRE SUPPORT C2 FAMILY .....	8,700	99	13,458	13,458	99	4,758	99	13,458
	UFR: Additional Advanced Field Artillery Tactical Data System (AFATDS).		[99]	[4,758]	[4,758]	[99]	[4,758]		
098	AIR & MSL DEFENSE PLANNING & CONTROL SYS .....	26,635	133	123,613	123,613	133	96,978	133	123,613
	UFR: Supports fielding (AMD) mission command assets to a Army Corps HQ.		[133]	[96,978]	[96,978]	[133]	[96,978]		
100	LIFE CYCLE SOFTWARE SUPPORT (LCSS) .....	1,992		1,992	1,992				1,992
101	NETWORK MANAGEMENT INITIALIZATION AND SERVICE .....	15,179		15,179	15,179				15,179
102	MANEUVER CONTROL SYSTEM (MCS) .....	132,572	575	137,174	137,391	575	4,602	575	137,174
	UFR: Tactical Mission Command Equipment .....		[575]	[4,602]	[4,819]	[575]	[4,602]		
103	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A) .....	37,201		37,201	37,201				37,201
104	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP) .....	16,140		16,140	16,140				16,140
105	RECONNAISSANCE AND SURVEYING INSTRUMENT SET .....	6,093	12	20,848	25,848	12	14,755	12	20,848
	UFR: Procures Engineer Instrument Set Field Reconnaissance and Survey Kits.		[12]	[14,755]	[19,755]	[12]	[14,755]		
106	MOD OF IN-SVC EQUIPMENT (ENFIRE) .....	1,134		1,134	2,593				1,134
	UFR: Support Security Force Assistance Bde .....				[1,459]				
	<b>ELECT EQUIP—AUTOMATION</b>								
107	ARMY TRAINING MODERNIZATION .....	11,575		11,575	11,575				11,575
108	AUTOMATED DATA PROCESSING EQUIP .....	91,983		91,983	64,983				91,983
	Accelerate commercial IT solutions .....				[-15,000]				
	Program decrease .....				[-12,000]				
109	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM .....	4,465		4,465	4,465				4,465
110	HIGH PERF COMPUTING MOD PGM (HPCMP) .....	66,363		66,363	66,363				66,363
111	CONTRACT WRITING SYSTEM .....	1,001		1,001	1,001				1,001
112	RESERVE COMPONENT AUTOMATION SYS (RCAS) .....	26,183		26,183	26,183				26,183
	<b>ELECT EQUIP—AUDIO VISUAL SYS (AV)</b>								
113	TACTICAL DIGITAL MEDIA .....	4,441		4,441	4,441				4,441

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114	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) .....		3,414	20	16,414		16,414	20	13,000	20	16,414
	UFR: Accelerate procurement of Global Positioning System-Survey.			[20]	[3,000]		[3,000]	[20]	[3,000]		
	UFR: Procures Automated Integrated Survey Instrument (AISI) systems.				[10,000]		[10,000]		[10,000]		
	<b>ELECT EQUIP—SUPPORT</b>										
115	PRODUCTION BASE SUPPORT (C-E) .....		499		499		499				499
116	BCT EMERGING TECHNOLOGIES .....		25,050		25,050		25,050				25,050
	<b>CLASSIFIED PROGRAMS</b>										
116A	CLASSIFIED PROGRAMS .....		4,819		4,819		4,819				4,819
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>										
117	PROTECTIVE SYSTEMS .....		1,613		1,613		1,613				1,613
118	FAMILY OF NON-LETHAL EQUIPMENT (FNLE) .....		9,696	500	23,696		9,696				9,696
	Unfunded Requirement .....			[500]	[14,000]						
120	CBRN DEFENSE .....		11,110		11,110		11,110				11,110
	<b>BRIDGING EQUIPMENT</b>										
121	TACTICAL BRIDGING .....		16,610		16,610		16,610				16,610
122	TACTICAL BRIDGE, FLOAT-RIBBON .....		21,761	28	43,761	28	43,761	28	22,000	28	43,761
	UFR: Procures Bridge Erection Boats .....			[28]	[22,000]	[28]	[22,000]	[28]	[22,000]		
124	COMMON BRIDGE TRANSPORTER (CBT) RECAP .....		21,046	112	61,446	112	71,446	112	40,400	112	61,446
	UFR: Procure Common Bridge Transporters .....			[112]	[40,400]	[112]	[50,400]	[112]	[40,400]		
	<b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>										
125	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST .....		5,000	455	17,800		10,600	227	5,600	227	10,600
	UFR: Procures hand held mine detectors .....			[227]	[5,600]		[5,600]	[227]	[5,600]		
	Unfunded requirement—PSS—14Cs .....			[228]	[7,200]						
126	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS) .....		32,442		43,242		43,262		10,800		43,242
	UFR: Equipment for 15th and 16th ABCT .....				[10,800]		[10,820]		[10,800]		
127	AREA MINE DETECTION SYSTEM (AMDS) .....		10,571		10,571		10,571				10,571
128	HUSKY MOUNTED DETECTION SYSTEM (HMDS) .....		21,695	4	24,095		24,095		2,400		24,095
	UFR: Procures Husky Mounted Detection System .....			[4]	[2,400]		[2,400]		[2,400]		
129	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS) .....		4,516	5	19,616	5	19,616	5	15,100	5	19,616
	UFR: Procures M160s .....			[5]	[15,100]	[5]	[15,100]	[5]	[15,100]		
130	EOD ROBOTICS SYSTEMS RECAPITALIZATION .....		10,073		15,073	211	21,073		5,000		15,073



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	Unfunded requirement—T9 Dozers .....				[48,679]					[48,679]	
155	ALL TERRAIN CRANES .....		8,935	2	11,935	2	11,935	2	3,000	2	11,935
	UFR: Procures cranes to support bridging assets .....			[2]	[3,000]	[2]	[3,000]	[2]	[3,000]		
157	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....		64,339	40	84,899		84,899	40	20,560	40	84,899
	UFR: Procures HMEE for the 16th ABCT .....			[40]	[20,560]		[20,560]	[40]	[20,560]		
158	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP .....		2,563		2,563		2,563				2,563
160	CONST EQUIP ESP .....		19,032	65	26,032		89,711	65	7,000	65	26,032
	UFR: Procures Engineer Mission Module—Water Distributors and 31 Vibratory Rollers. ....			[65]	[7,000]		[7,000]	[65]	[7,000]		
	UFR: Procures T9 Dozers and Armor Kits .....						[63,679]				
161	ITEMS LESS THAN \$5.0M (CONST EQUIP) .....		6,899		11,911		16,911		5,012		11,911
	UFR: Procures 2 Vibratory Plate Compactors (VPC) for the 16th ABCT. ....				[5,012]		[10,012]		[5,012]		
	<b>RAIL FLOAT CONTAINERIZATION EQUIPMENT</b>										
162	ARMY WATERCRAFT ESP .....		20,110		20,110		20,110				20,110
163	ITEMS LESS THAN \$5.0M (FLOAT/RAIL) .....		2,877		2,877		2,877				2,877
	<b>GENERATORS</b>										
164	GENERATORS AND ASSOCIATED EQUIP .....		115,635		132,845	380	142,845		17,210		132,845
	UFR: Additional equipment for growing Army .....				[17,210]	[380]	[27,210]		[17,210]		
165	TACTICAL ELECTRIC POWER RECAPITALIZATION .....		7,436		7,436		7,436				7,436
	<b>MATERIAL HANDLING EQUIPMENT</b>										
166	FAMILY OF FORKLIFTS .....		9,000	15	10,635	15	10,635	15	1,635	15	10,635
	UFR: Procures additional 5K LCRTF .....			[15]	[1,635]	[15]	[1,635]	[15]	[1,635]		
	<b>TRAINING EQUIPMENT</b>										
167	COMBAT TRAINING CENTERS SUPPORT .....		88,888		126,638		88,888		37,750		126,638
	Unfunded requirement .....				[37,750]				[37,750]		
168	TRAINING DEVICES, NONSYSTEM .....		285,989		285,989		285,989				285,989
169	CLOSE COMBAT TACTICAL TRAINER .....		45,718		45,718		45,718				45,718
170	AVIATION COMBINED ARMS TACTICAL TRAINER .....		30,568		30,568		30,568				30,568
171	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING .....		5,406		16,906		5,406				5,406
	Unfunded requirement—SVCT systems .....				[11,500]						
	<b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>										
172	CALIBRATION SETS EQUIPMENT .....		5,564		5,564		5,564				5,564



173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....	30,144		30,144		30,144			30,144		
174	TEST EQUIPMENT MODERNIZATION (TEMOD) .....	7,771		7,771		8,296			7,771		
	UFR: Test Equipment Modernization systems (TEMOD) .....							(525)			
	<b>OTHER SUPPORT EQUIPMENT</b>										
175	M25 STABILIZED BINOCULAR .....	3,956		3,956		3,956			3,956		
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	5,000		10,000		10,000		5,000	10,000		
	UFR: Support 10 initiatives per year .....			(5,000)		(5,000)		(5,000)			
177	PHYSICAL SECURITY SYSTEMS (OPA3) .....	60,047		60,047		60,047			60,047		
178	BASE LEVEL COMMON EQUIPMENT .....	13,239		13,239		13,239			13,239		
179	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) .....	60,192		99,432		120,326		39,240	99,432		
	UFR: Additional support equipment .....			(39,240)		(60,134)		(39,240)			
180	PRODUCTION BASE SUPPORT (OTH) .....	2,271		2,271		2,271			2,271		
181	SPECIAL EQUIPMENT FOR USER TESTING .....	5,319		5,319		5,319			5,319		
182	TRACTOR YARD .....	5,935		5,935		5,935			5,935		
186	INTELLIGENT REMOTE IMAGING SPECTOMETER—GROUND SYSTEM					8,600					
	UFR: Development of six focal plan arrays .....					(8,600)					
187	FORCE PROVIDER EXPEDITIONARY .....				12	27,700					
	UFR: Procures Force Providers Battle-loss and components for RESET.				(12)	(27,700)					
188	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....				230	132,250					
	UFR: Procures HEMTTs .....				(230)	(132,250)					
189	FIRE PROTECTION TYPE I .....				9	54					
	UFR: Procures Fire Protection Type 1 sets .....				(9)	(54)					
	<b>OPA2</b>										
184	INITIAL SPARES—C&E .....	38,269		38,269		14,329			38,269		
	Early to need .....					(-23,940)					
	<b>UNDISTRIBUTED</b>										
185	UNDISTRIBUTED .....			56,000				56,000	56,000		
	Security Force Assistance Brigade .....			(56,000)				(56,000)			
	<b>TOTAL OTHER PROCUREMENT, ARMY</b> .....	<b>2,110</b>	<b>6,469,331</b>	<b>13,912</b>	<b>8,635,600</b>	<b>3,278</b>	<b>7,948,663</b>	<b>10,541</b>	<b>2,015,725</b>	<b>12,651</b>	<b>8,485,056</b>
	<b>JOINT IMPROVISED-THREAT DEFEAT FUND</b>										
	<b>NETWORK ATTACK</b>										
001	RAPID ACQUISITION AND THREAT RESPONSE .....	14,442		14,442		14,442			14,442		
	<b>TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND</b> .....	<b>14,442</b>		<b>14,442</b>		<b>14,442</b>			<b>14,442</b>		
	<b>AIRCRAFT PROCUREMENT, NAVY</b>										
	<b>COMBAT AIRCRAFT</b>										
002	F/A-18E/F (FIGHTER) HORNET .....	14	1,200,146	22	1,791,346	24	1,939,146	10	739,000	24	1,939,146
	UFR: Additional F/A-18 E/F Super Hornets .....			(8)	(591,200)	(10)	(739,000)	(10)	(739,000)		

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003	ADVANCE PROCUREMENT (CY) .....		52,971		52,971		52,971				52,971
004	JOINT STRIKE FIGHTER CV .....	4	582,324	8	1,102,324	10	1,382,324	6	800,000	10	1,382,324
	UFR: Additional F-35C (Navy) .....			[2]	[260,000]	[4]	[540,000]	[4]	[540,000]		
	UFR: Additional F-35C (USMC) .....			[2]	[260,000]	[2]	[260,000]	[2]	[260,000]		
005	ADVANCE PROCUREMENT (CY) .....		263,112		263,112		263,112				263,112
006	JSF STOVL .....	20	2,398,139	23	2,860,739	24	2,923,739	4	525,600	24	2,923,739
	UFR: Additional F-35B .....			[3]	[462,600]	[4]	[525,600]	[4]	[525,600]		
007	ADVANCE PROCUREMENT (CY) .....		413,450		413,450		413,450				413,450
008	CH-53K (HEAVY LIFT) .....	4	567,605	4	567,605	6	847,805			4	567,605
	UFR: Additional CH-53K .....					[2]	[280,200]				
009	ADVANCE PROCUREMENT (CY) .....		147,046		147,046		147,046				147,046
010	V-22 (MEDIUM LIFT) .....	6	677,404	10	1,028,904	12	1,239,868	6	522,000	12	1,199,404
	Multiyear procurement contract savings .....				[-25,000]						
	Multi-year savings .....						[-10,000]				
	UFR: Additional MV-22/N-22 .....			[2]	[180,500]	[2]	[180,464]	[2]	[166,000]		
	UFR: Additional MV-22B .....			[2]	[196,000]	[4]	[392,000]	[4]	[356,000]		
011	ADVANCE PROCUREMENT (CY) .....		27,422		27,422		27,422				27,422
012	H-1 UPGRADES (UH-1Y/AH-1Z) .....	22	678,429	27	829,429	29	898,929	7	220,500	29	898,929
	UFR: Additional AH-1Z .....			[5]	[157,500]	[7]	[220,500]	[7]	[220,500]		
	Unit cost savings .....				[-6,500]						
013	ADVANCE PROCUREMENT (CY) .....		42,082		42,082		42,082				42,082
016	P-8A POSEIDON .....	7	1,245,251	10	1,751,751	13	2,256,251	3	506,500	10	1,751,751
	UFR: Additional P-8A Poseidon .....			[3]	[506,500]	[6]	[1,011,000]	[3]	[506,500]		
017	ADVANCE PROCUREMENT (CY) .....		140,333		123,333		140,333				140,333
	Excess to need .....				[-17,000]						
018	E-2D ADV HAWKEYE .....	5	733,910	7	925,710	5	733,910			5	733,910
	E-2D .....			[2]	[201,800]						
	Excessive growth .....				[-10,000]						
019	ADVANCE PROCUREMENT (CY) .....		102,026		102,026		102,026				102,026
	<b>AIRLIFT AIRCRAFT</b>										
020	C-40A .....					2	215,000				
	UFR: Procure additional aircraft .....					[2]	[215,000]				
	<b>OTHER AIRCRAFT</b>										

022	KC-130J .....	2	129,577	6	484,877	6	472,277	4	355,300	6	484,877
	UFR: Additional KC-130J .....			[4]	[355,300]	[4]	[342,700]	[4]	[355,300]		
023	ADVANCE PROCUREMENT (CY) .....		25,497		25,497		25,497				25,497
024	MQ-4 TRITON .....	3	522,126	3	517,126	3	522,126		-5,000	3	517,126
	Excess cost growth .....				[-5,000]				[-5,000]		
025	ADVANCE PROCUREMENT (CY) .....		57,266		57,266		57,266				57,266
026	MQ-8 UAV .....		49,472		49,472		49,472				49,472
027	STUASLO UAV .....		880		880	4	60,080	4	59,200	4	60,080
	UFR: Procure additional aircraft .....					[4]	[59,200]	[4]	[59,200]		
	<b>MODIFICATION OF AIRCRAFT</b>										
030	AEA SYSTEMS .....		52,960		52,960		52,960				52,960
031	AV-8 SERIES .....		43,555		43,555		43,555				43,555
032	ADVERSARY .....		2,565		2,565		2,565				2,565
033	F-18 SERIES .....	1,043,661		48	1,092,211	62	1,124,761	48	-51,450	48	992,211
	F/A-18 Infrared Search and Track (IRST) Block 1 system .....								[-100,000]		
	UFR: ALQ-214 USMC Retrofit .....			[14]	[32,550]	[28]	[65,100]	[14]	[32,550]		
	UFR: ALR-67 Retrofit A-KITS and Partial B-Kits .....			[34]	[16,000]	[34]	[16,000]	[34]	[16,000]		
034	H-53 SERIES .....		38,712		38,712		38,712				38,712
035	SH-60 SERIES .....		95,333		95,333		95,333				95,333
036	H-1 SERIES .....		101,886		101,886		101,886				101,886
037	EP-3 SERIES .....		7,231		7,231		7,231				7,231
038	P-3 SERIES .....		700		700		700				700
039	E-2 SERIES .....		97,563		97,563		97,563				97,563
040	TRAINER A/C SERIES .....		8,184		8,184		8,184				8,184
041	C-2A .....		18,673		18,673		18,673				18,673
042	C-130 SERIES .....		83,541		83,541		83,541				83,541
043	FEWSG .....		630		630		630				630
044	CARGO/TRANSPORT A/C SERIES .....		10,075		10,075		10,075				10,075
045	E-6 SERIES .....		223,508		223,508		223,508				223,508
046	EXECUTIVE HELICOPTERS SERIES .....		38,787		38,787		38,787				38,787
047	SPECIAL PROJECT AIRCRAFT .....		8,304		8,304		8,304				8,304
048	T-45 SERIES .....		148,071		148,071		148,071				148,071
049	POWER PLANT CHANGES .....		19,827		19,827		19,827				19,827
050	JPATS SERIES .....		27,007		27,007		27,007				27,007
051	COMMON ECM EQUIPMENT .....		146,642		146,642		146,642				146,642
052	COMMON AVIONICS CHANGES .....		123,507		123,507		123,507				123,507
053	COMMON DEFENSIVE WEAPON SYSTEM .....		2,317		2,317		2,317				2,317
054	ID SYSTEMS .....		49,524		49,524		49,524				49,524
055	P-8 SERIES .....		18,665		18,665		18,665				18,665
056	MAGTF EW FOR AVIATION .....		10,111		10,111		10,111				10,111

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
057	MQ-8 SERIES .....		32,361		32,361		32,361				32,361
059	V-22 (TILT/ROTOR ACFT) OSPREY .....		228,321		228,321		228,321				228,321
060	F-35 STOVL SERIES .....		34,963		34,963		34,963				34,963
061	F-35 CV SERIES .....		31,689		31,689		31,689				31,689
062	QRC .....		24,766		24,766		24,766				24,766
063	MQ-4 SERIES .....		39,996		39,996		39,996				39,996
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>										
064	SPARES AND REPAIR PARTS .....		1,681,914		1,882,514		1,981,658		200,600		1,882,514
	UFR: C-40A Spares .....						[12,600]				
	UFR: CH-53K Spares .....						[7,500]				
	UFR: F-35B Spares .....				[32,600]		[91,000]		[32,600]		
	UFR: Fund to max executable .....				[168,000]		[168,000]		[168,000]		
	UFR: KC-130J Spares .....						[12,844]				
	UFR: UC-12W Spares .....						[7,800]				
	<b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>										
065	COMMON GROUND EQUIPMENT .....		388,052	10	405,552		405,552	10	17,500	10	405,552
	UFR: F/A-18C/D Training Systems .....			[10]	[17,500]		[17,500]	[10]	[17,500]		
066	AIRCRAFT INDUSTRIAL FACILITIES .....		24,613		24,613		24,613				24,613
067	WAR CONSUMABLES .....		39,614		39,614		39,614				39,614
068	OTHER PRODUCTION CHARGES .....		1,463		1,463		1,463				1,463
069	SPECIAL SUPPORT EQUIPMENT .....		48,500		48,500		48,500				48,500
070	FIRST DESTINATION TRANSPORTATION .....		1,976		1,976		1,976				1,976
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY</b> .....	<b>87</b>	<b>15,056,235</b>	<b>178</b>	<b>18,430,785</b>	<b>200</b>	<b>20,210,243</b>	<b>102</b>	<b>3,889,750</b>	<b>189</b>	<b>18,945,985</b>
	<b>WEAPONS PROCUREMENT, NAVY</b>										
	<b>MODIFICATION OF MISSILES</b>										
001	TRIDENT II MODS .....		1,143,595		1,143,595		1,143,595				1,143,595
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>										
002	MISSILE INDUSTRIAL FACILITIES .....		7,086		7,086		7,086				7,086
	<b>STRATEGIC MISSILES</b>										
003	TOMAHAWK .....	34	134,375	34	134,375	34	134,375			34	134,375
	<b>TACTICAL MISSILES</b>										
004	AMRAAM .....	120	197,109	120	209,109	120	209,109		12,000	120	209,109

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**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
036	CIWS MODS .....		72,698		72,698		72,698				72,698
037	COAST GUARD WEAPONS .....		38,931		38,931		38,931				38,931
038	GUN MOUNT MODS .....		76,025		76,025		76,025				76,025
039	LCS MODULE WEAPONS .....	110	13,110	110	13,110	110	13,110			110	13,110
040	CRUISER MODERNIZATION WEAPONS .....		34,825		34,825		34,825				34,825
041	AIRBORNE MINE NEUTRALIZATION SYSTEMS .....		16,925		16,925		16,925				16,925
	<b>SPARES AND REPAIR PARTS</b>										
043	SPARES AND REPAIR PARTS .....		110,255		110,255		110,255				110,255
	<b>TOTAL WEAPONS PROCUREMENT, NAVY</b> .....	<b>807</b>	<b>3,420,107</b>	<b>877</b>	<b>3,506,307</b>	<b>867</b>	<b>3,489,507</b>	<b>70</b>	<b>95,500</b>	<b>877</b>	<b>3,515,607</b>
	<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>										
	<b>NAVY AMMUNITION</b>										
001	GENERAL PURPOSE BOMBS .....		34,882		34,882		34,882				34,882
002	JDAM .....	2,492	57,343	2,492	57,343	2,492	57,343			2,492	57,343
003	AIRBORNE ROCKETS, ALL TYPES .....		79,318		79,318		79,318				79,318
004	MACHINE GUN AMMUNITION .....		14,112		14,112		14,112				14,112
005	PRACTICE BOMBS .....		47,027		47,027		47,027				47,027
006	CARTRIDGES & CART ACTUATED DEVICES .....		57,718		57,718		57,718				57,718
007	AIR EXPENDABLE COUNTERMEASURES .....		65,908		65,908		65,908				65,908
008	JATOS .....		2,895		2,895		2,895				2,895
010	5 INCH/54 GUN AMMUNITION .....		22,112		22,112		22,112				22,112
011	INTERMEDIATE CALIBER GUN AMMUNITION .....		12,804		12,804		12,804				12,804
012	OTHER SHIP GUN AMMUNITION .....		41,594		41,594		41,594				41,594
013	SMALL ARMS & LANDING PARTY AMMO .....		49,401		49,401		49,401				49,401
014	PYROTECHNIC AND DEMOLITION .....		9,495		9,495		9,495				9,495
016	AMMUNITION LESS THAN \$5 MILLION .....		3,080		3,080		3,080				3,080
	<b>MARINE CORPS AMMUNITION</b>										
019	60MM, ALL TYPES .....				11,000		11,000		11,000		11,000
	Unfunded requirement—Full range practice rounds .....				[11,000]		[11,000]		[11,000]		
020	MORTARS .....		24,118		24,118		24,118				24,118
021	81MM, ALL TYPES .....				14,500		14,500		14,500		14,500
	Unfunded requirement—Full range practice rounds .....				[14,500]		[14,500]		[14,500]		
023	DIRECT SUPPORT MUNITIONS .....		64,045		64,045		64,045				64,045

024	INFANTRY WEAPONS AMMUNITION .....		91,456		91,456		91,456		91,456	
027	ARTILLERY, ALL TYPES .....				17,000			17,000	17,000	
	Unfunded requirement—HE Training Rounds .....				[17,000]			[17,000]		
029	COMBAT SUPPORT MUNITIONS .....		11,788		11,788		11,788		11,788	
032	AMMO MODERNIZATION .....		17,862		17,862		17,862		17,862	
033	ARTILLERY MUNITIONS .....		79,427		79,427		96,427		79,427	
	UFR: Additional training rounds .....						[17,000]			
034	ITEMS LESS THAN \$5 MILLION .....		5,960		5,960		5,960		5,960	
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC .....</b>	<b>2,492</b>	<b>792,345</b>	<b>2,492</b>	<b>834,845</b>	<b>2,492</b>	<b>834,845</b>	<b>42,500</b>	<b>2,492</b>	<b>834,845</b>
	<b>SHIPBUILDING AND CONVERSION, NAVY</b>									
	<b>FLEET BALLISTIC MISSILE SHIPS</b>									
001	ADVANCE PROCUREMENT (CY) .....		842,853		842,853		842,853			842,853
	<b>OTHER WARSHIPS</b>									
002	CARRIER REPLACEMENT PROGRAM .....	1	4,441,772	1	3,741,772	1	4,141,772		1	4,441,772
	Early to need .....				[-700,000]		[-300,000]			
003	ADVANCE PROCUREMENT (CY) .....				200,000					200,000
	CVN 81 AP .....				[200,000]					
004	VIRGINIA CLASS SUBMARINE .....	2	3,305,315	2	3,305,315	2	3,305,315		2	3,305,315
005	ADVANCE PROCUREMENT (CY) .....		1,920,596		2,863,596		3,093,596	698,000		2,618,596
	3rd FY20 SSN, EOQ or SIB expansion .....				[693,000]		[450,000]	[698,000]		
	Additional EOQ funding Bik V MYP .....						[750,000]			
	NSBDF Savings .....						[-27,000]			
	VA Class EOQ .....				[250,000]					
006	CVN REFUELING OVERHAULS .....		1,604,890		1,181,590		1,604,890	-35,221		1,569,669
	AN/SPN-46 overhaul/upgrade cost growth .....							[-3,126]		
	AN/SPQ-9B radar unjustified request .....							[-2,746]		
	CVN 73 MQ-25 integration .....				[26,700]					
	Early to need .....				[-450,000]					
	IFF interrogator set unjustified request .....							[-2,094]		
	JPALS cost growth .....							[-555]		
	UCLASS early to need .....							[-26,700]		
007	ADVANCE PROCUREMENT (CY) .....		75,897		75,897		75,897			75,897
008	DDG 1000 .....		223,968		223,968		173,968	-50,000		173,968
	Unjustified cost growth .....						[-50,000]	[-50,000]		
009	DDG-51 .....	2	3,499,079	3	5,395,879	3	5,058,079	1,784,000	3	5,283,079
	1 additional DDG for FY18-22 MYP contract .....			[1]	[1,862,800]	[1]	[1,750,000]	[1]	[1,750,000]	
	Available prior year funds .....						[-225,000]			
	Ship Signal Exploitation Equipment .....				[34,000]		[34,000]	[34,000]		
010	ADVANCE PROCUREMENT (CY) .....		90,336		135,336		390,336	250,000		340,336

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	EQ for FY18-22 MYP contract .....				[45,000]		[300,000]		[250,000]		
011	LITTORAL COMBAT SHIP .....	1	636,146	3	1,669,146	2	1,196,146	2	900,000	3	1,536,146
	LCS .....			[2]	[1,033,000]	[1]	[600,000]	[2]	[900,000]		
	Unit price adjustment .....						[-40,000]				
	<b>AMPHIBIOUS SHIPS</b>										
012A	AMPHIBIOUS SHIP REPLACEMENT LX(R) ADVANCE PROCUREMENT (CY) .....				100,000						
	Program increase .....				[100,000]						
013	LPD-17 .....			1	1,786,000	1	1,000,000	1	1,500,000	1	1,500,000
	LX(R) or LPD-30 .....			[1]	[1,786,000]	[1]	[1,000,000]	[1]	[1,500,000]		
014	EXPEDITIONARY SEA BASE (ESB) .....			1	635,000	1	661,000		635,000		635,000
	ESB .....			[1]	[635,000]	[1]	[661,000]		[635,000]		
015	LHA REPLACEMENT .....		1,710,927		1,210,927		1,710,927				1,710,927
	Early to need .....				[-500,000]						
	<b>AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST</b>										
018	TAO FLEET OILER .....	1	465,988	1	465,988	1	465,988			1	465,988
019	ADVANCE PROCUREMENT (CY) .....		75,068		75,068		75,068				75,068
020	TOWING, SALVAGE, AND RESCUE SHIP (ATS) .....	1	76,204	1	76,204	1	76,204			1	76,204
023	LCU 1700 .....	1	31,850	1	31,850	1	31,850			1	31,850
024	OUTFITTING .....		548,703		548,703		510,503		-6,077		542,626
	Post-delivery funds early to need .....						[-38,200]				
	Virginia class outfitting cost growth .....								[-1,689]		
	Virginia class post-delivery cost growth .....								[-4,388]		
025	SHIP TO SHORE CONNECTOR .....	3	212,554	8	524,554	8	509,554	5	312,000	8	524,554
	Quantity unit price adjustment .....						[-15,000]				
	UFR: 5 additional Ship-to-Shore Connector .....			[5]	[312,000]	[5]	[312,000]	[5]	[312,000]		
026	SERVICE CRAFT .....		23,994		62,994		62,994		39,000		62,994
	UFR: Berthing barge .....				[39,000]		[39,000]		[39,000]		
029	COMPLETION OF PY SHIPBUILDING PROGRAMS .....		117,542		117,542						117,542
032	CABLE SHIP .....					1	250,000	1	250,000	1	250,000
	Procure cable ship .....					[1]	[250,000]	[1]	[250,000]		
	<b>TOTAL SHIPBUILDING AND CONVERSION, NAVY .....</b>	<b>12</b>	<b>19,903,682</b>	<b>22</b>	<b>25,270,182</b>	<b>22</b>	<b>25,354,482</b>	<b>10</b>	<b>6,276,702</b>	<b>22</b>	<b>26,180,384</b>



November 7, 2017 (1:25 p.m.)

	<b>OTHER PROCUREMENT, NAVY</b>				
	<b>SHIP PROPULSION EQUIPMENT</b>				
003	SURFACE POWER EQUIPMENT .....	41,910	41,910	41,910	41,910
004	HYBRID ELECTRIC DRIVE (HED) .....	6,331	6,331		6,331
	Unjustified cost growth .....			[-6,331]	
	<b>GENERATORS</b>				
005	SURFACE COMBATANT HM&E .....	27,392	27,392	27,392	27,392
	<b>NAVIGATION EQUIPMENT</b>				
006	OTHER NAVIGATION EQUIPMENT .....	65,943	65,943	65,943	65,943
	<b>PERISCOPES</b>				
007	SUB PERISCOPES & IMAGING EQUIP .....		76,000	29,000	29,000
	Submarine Warfare Federated Tactial Systems .....		[76,000]	[29,000]	[29,000]
	<b>OTHER SHIPBOARD EQUIPMENT</b>				
008	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG .....	151,240	151,240	151,240	151,240
009	DDG MOD .....	603,355	702,355	603,355	650,864
	AWS upgrade kits unit cost growth .....				[-4,526]
	CEC IFF Mode 5 Acceleration .....		[4,000]		
	Conjunctive alteration definition and integration previously funded.				[-5,185]
	Destroyer modernization .....		[65,000]		[65,000]
	DMO13 installation insufficient budget justification .....				[-6,780]
	DVSS and wireless communications equipment insufficient budget justification.				[-1,000]
	SPY-1 refurbishment .....		[30,000]		
010	FIREFIGHTING EQUIPMENT .....	15,887	15,887	15,887	15,887
011	COMMAND AND CONTROL SWITCHBOARD .....	2,240	2,240	2,240	2,240
012	LHA/LHD MIDLIFE .....	30,287	30,287	30,287	30,287
014	POLLUTION CONTROL EQUIPMENT .....	17,293	17,293	17,293	17,293
015	SUBMARINE SUPPORT EQUIPMENT .....	27,990	27,990	27,990	27,990
016	VIRGINIA CLASS SUPPORT EQUIPMENT .....	46,610	46,610	46,610	46,610
017	LCS CLASS SUPPORT EQUIPMENT .....	47,955	47,955	5,355	47,955
	Procurement ahead of need .....			[-42,600]	
018	SUBMARINE BATTERIES .....	17,594	17,594	17,594	17,594
019	LPD CLASS SUPPORT EQUIPMENT .....	61,908	61,908	61,908	61,908
021	STRATEGIC PLATFORM SUPPORT EQUIP .....	15,812	15,812	15,812	15,812
022	DSSP EQUIPMENT .....	4,178	4,178	4,178	4,178
023	CG MODERNIZATION .....	306,050	306,050	306,050	306,050
024	LCAC .....	5,507	5,507	5,507	5,507
025	UNDERWATER EOD PROGRAMS .....	55,922	55,922	55,922	55,922
026	ITEMS LESS THAN \$5 MILLION .....	96,909	96,909	96,909	96,909

**SEC. 4101. PROCUREMENT**  
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Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
027	CHEMICAL WARFARE DETECTORS .....		3,036		3,036		3,036				3,036
028	SUBMARINE LIFE SUPPORT SYSTEM .....		10,364		10,364		10,364				10,364
	<b>REACTOR PLANT EQUIPMENT</b>										
029	REACTOR POWER UNITS .....		324,925		324,925		324,925				324,925
030	REACTOR COMPONENTS .....		534,468		534,468		534,468				534,468
	<b>OCEAN ENGINEERING</b>										
031	DIVING AND SALVAGE EQUIPMENT .....		10,619		10,619		10,619				10,619
	<b>SMALL BOATS</b>										
032	STANDARD BOATS .....		46,094		46,094		46,094				46,094
	<b>PRODUCTION FACILITIES EQUIPMENT</b>										
034	OPERATING FORCES IPE .....		191,541		191,541		191,541				191,541
	<b>OTHER SHIP SUPPORT</b>										
036	LCS COMMON MISSION MODULES EQUIPMENT .....		34,666		34,666		34,666				34,666
037	LCS MCM MISSION MODULES .....		55,870	2	89,870	2	84,770	2	34,000	2	89,870
	Procurement ahead of need .....						[-5,100]				
	UFR: Additional MCM USV .....			[2]	[34,000]	[2]	[34,000]	[2]	[34,000]		
039	LCS SUW MISSION MODULES .....		52,960		52,960		52,960				52,960
040	LCS IN-SERVICE MODERNIZATION .....		74,426		158,426		158,426		84,000		158,426
	LCS Modernization .....				[84,000]		[84,000]		[84,000]		
	<b>LOGISTIC SUPPORT</b>										
042	LSD MIDLIFE & MODERNIZATION .....		89,536		89,536		89,536		-40,000		49,536
	Contract cost savings .....								[-40,000]		
	<b>SHIP SONARS</b>										
043	SPQ-9B RADAR .....		30,086		30,086		30,086		-10,000		20,086
	Program underexecution .....								[-10,000]		
044	AN/SQQ-89 SURF ASW COMBAT SYSTEM .....		102,222		102,222		102,222				102,222
046	SSN ACOUSTIC EQUIPMENT .....		287,553		287,553		314,553				287,553
	UFR: 3 Submarine Warfare Federated Tactical Systems .....						[27,000]				
047	UNDERSEA WARFARE SUPPORT EQUIPMENT .....		13,653		13,653		13,653				13,653
	<b>ASW ELECTRONIC EQUIPMENT</b>										
049	SUBMARINE ACOUSTIC WARFARE SYSTEM .....		21,449		21,449		21,449				21,449
050	SSTD .....		12,867		12,867		12,867				12,867
051	FIXED SURVEILLANCE SYSTEM .....		300,102		300,102		300,102				300,102

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052	SURTASS .....	30,180	1	40,180	40,180	1	10,000	1	40,180
	UFR: 1 Additional .....		[1]	[10,000]	[10,000]	[1]	[10,000]		
	<b>ELECTRONIC WARFARE EQUIPMENT</b>								
054	AN/SLQ-32 .....	240,433		240,433	240,433				240,433
	<b>RECONNAISSANCE EQUIPMENT</b>								
055	SHIPBOARD IW EXPLOIT .....	187,007		227,007	227,007		40,000		227,007
	UFR: 3 SSEE Increment F and Paragon/Graywing .....			[40,000]	[40,000]		[40,000]		
056	AUTOMATED IDENTIFICATION SYSTEM (AIS) .....	510		510	510				510
	<b>OTHER SHIP ELECTRONIC EQUIPMENT</b>								
058	COOPERATIVE ENGAGEMENT CAPABILITY .....	23,892		23,892	27,892				23,892
	UFR: CEC IFF Mode 5 Acceleration .....				[4,000]				
060	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) .....	10,741		10,741	10,741				10,741
061	ATDLS .....	38,016		38,016	38,016				38,016
062	NAVY COMMAND AND CONTROL SYSTEM (NCCS) .....	4,512		4,512	4,512				4,512
063	MINESWEEPING SYSTEM REPLACEMENT .....	31,531		31,531	31,531				31,531
064	SHALLOW WATER MCM .....	8,796		8,796	8,796				8,796
065	NAVSTAR GPS RECEIVERS (SPACE) .....	15,923		15,923	15,923				15,923
066	AMERICAN FORCES RADIO AND TV SERVICE .....	2,730		2,730	2,730				2,730
067	STRATEGIC PLATFORM SUPPORT EQUIP .....	6,889		6,889	6,889				6,889
	<b>AVIATION ELECTRONIC EQUIPMENT</b>								
070	ASHORE ATC EQUIPMENT .....	71,882		71,882	71,882				71,882
071	AFLOAT ATC EQUIPMENT .....	44,611		44,611	44,611				44,611
077	ID SYSTEMS .....	21,239		21,239	21,239				21,239
078	NAVAL MISSION PLANNING SYSTEMS .....	11,976		11,976	12,976				11,976
	UFR: Munitions Wholeness .....				[1,000]				
	<b>OTHER SHORE ELECTRONIC EQUIPMENT</b>								
080	TACTICAL/MOBILE C4I SYSTEMS .....	32,425		32,425	32,425				32,425
081	DCGS-N .....	13,790		13,790	13,790				13,790
082	CANES .....	322,754		322,754	322,754				322,754
083	RADIAC .....	10,718		10,718	10,718				10,718
084	CANES-INTELL .....	48,028		48,028	48,028				48,028
085	GPETE .....	6,861		6,861	6,861				6,861
086	MASF .....	8,081		8,081	8,081				8,081
087	INTEG COMBAT SYSTEM TEST FACILITY .....	5,019		5,019	5,019				5,019
088	EMI CONTROL INSTRUMENTATION .....	4,188		4,188	4,188				4,188
089	ITEMS LESS THAN \$5 MILLION .....	105,292		105,292	105,292				105,292
	<b>SHIPBOARD COMMUNICATIONS</b>								
090	SHIPBOARD TACTICAL COMMUNICATIONS .....	23,695		23,695	23,695				23,695
091	SHIP COMMUNICATIONS AUTOMATION .....	103,990		103,990	103,990				103,990
092	COMMUNICATIONS ITEMS UNDER \$5M .....	18,577		18,577	18,577				18,577

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Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	<b>SUBMARINE COMMUNICATIONS</b>										
093	SUBMARINE BROADCAST SUPPORT .....		29,669		29,669		29,669				29,669
094	SUBMARINE COMMUNICATION EQUIPMENT .....		86,204		86,204		86,204				86,204
	<b>SATELLITE COMMUNICATIONS</b>										
095	SATELLITE COMMUNICATIONS SYSTEMS .....		14,654		14,654		14,654				14,654
096	NAVY MULTIBAND TERMINAL (NMT) .....		69,764		69,764		69,764				69,764
	<b>SHORE COMMUNICATIONS</b>										
097	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....		4,256		4,256		4,256				4,256
	<b>CRYPTOGRAPHIC EQUIPMENT</b>										
099	INFO SYSTEMS SECURITY PROGRAM (ISSP) .....		89,663		89,663		101,663				89,663
	UFR: Crypto modernization .....						[12,000]				
100	MIO INTEL EXPLOITATION TEAM .....		961		961		961				961
	<b>CRYPTOLOGIC EQUIPMENT</b>										
101	CRYPTOLOGIC COMMUNICATIONS EQUIP .....		11,287		11,287		11,287				11,287
	<b>OTHER ELECTRONIC SUPPORT</b>										
110	COAST GUARD EQUIPMENT .....		36,584		36,584		36,584				36,584
	<b>SONOBUOYS</b>										
112	SONOBUOYS—ALL TYPES .....		173,616		198,516		173,616				173,616
	Sonobuoys .....				[24,900]						
	<b>AIRCRAFT SUPPORT EQUIPMENT</b>										
113	WEAPONS RANGE SUPPORT EQUIPMENT .....		72,110		72,110		72,110				72,110
114	AIRCRAFT SUPPORT EQUIPMENT .....		108,482		115,982		108,482				108,482
	EMALS initial spares .....				[7,500]						
115	ADVANCED ARRESTING GEAR (AAG) .....		10,900		10,900		10,900				10,900
116	METEOROLOGICAL EQUIPMENT .....		21,137		21,137		21,137				21,137
117	DCRS/DPL .....		660		660		660				660
118	AIRBORNE MINE COUNTERMEASURES .....		20,605		20,605		20,605				20,605
119	AVIATION SUPPORT EQUIPMENT .....		34,032		34,032		34,032				34,032
	<b>SHIP GUN SYSTEM EQUIPMENT</b>										
120	SHIP GUN SYSTEMS EQUIPMENT .....		5,277		5,277		5,277				5,277
	<b>SHIP MISSILE SYSTEMS EQUIPMENT</b>										
121	SHIP MISSILE SUPPORT EQUIPMENT .....		272,359		272,359		272,359				272,359
122	TOMAHAWK SUPPORT EQUIPMENT .....		73,184		73,184		73,184				73,184

	<b>FBM SUPPORT EQUIPMENT</b>				
123	STRATEGIC MISSILE SYSTEMS EQUIP .....	246,221	246,221	246,221	246,221
	<b>ASW SUPPORT EQUIPMENT</b>				
124	SSN COMBAT CONTROL SYSTEMS .....	129,972	129,972	149,972	129,972
	UFR: 3 Submarine Warfare Federated Tactical Systems .....			(20,000)	
125	ASW SUPPORT EQUIPMENT .....	23,209	23,209	23,209	23,209
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>				
126	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	15,596	15,596	15,596	15,596
127	ITEMS LESS THAN \$5 MILLION .....	5,981	5,981	5,981	5,981
	<b>OTHER EXPENDABLE ORDNANCE</b>				
128	SUBMARINE TRAINING DEVICE MODS .....	74,550	74,550	74,550	74,550
130	SURFACE TRAINING EQUIPMENT .....	83,022	83,022	83,022	83,022
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>				
131	PASSENGER CARRYING VEHICLES .....	5,299	5,299	5,299	5,299
132	GENERAL PURPOSE TRUCKS .....	2,946	2,946	2,946	2,946
133	CONSTRUCTION & MAINTENANCE EQUIP .....	34,970	34,970	34,970	34,970
134	FIRE FIGHTING EQUIPMENT .....	2,541	2,541	2,541	2,541
135	TACTICAL VEHICLES .....	19,699	19,699	19,699	19,699
136	AMPHIBIOUS EQUIPMENT .....	12,162	12,162	12,162	12,162
137	POLLUTION CONTROL EQUIPMENT .....	2,748	2,748	2,748	2,748
138	ITEMS UNDER \$5 MILLION .....	18,084	18,084	18,084	18,084
139	PHYSICAL SECURITY VEHICLES .....	1,170	1,170	1,170	1,170
	<b>SUPPLY SUPPORT EQUIPMENT</b>				
141	SUPPLY EQUIPMENT .....	21,797	21,797	21,797	21,797
143	FIRST DESTINATION TRANSPORTATION .....	5,572	5,572	5,572	5,572
144	SPECIAL PURPOSE SUPPLY SYSTEMS .....	482,916	482,916	482,916	482,916
	<b>TRAINING DEVICES</b>				
146	TRAINING AND EDUCATION EQUIPMENT .....	25,624	25,624	25,624	25,624
	<b>COMMAND SUPPORT EQUIPMENT</b>				
147	COMMAND SUPPORT EQUIPMENT .....	59,076	59,076	51,176	55,765
	Consolidate requirements Navy Enterprise Resource Planning .....			[-4,200]	
	Consolidate requirements Navy ePS .....			[-3,700]	
149	MEDICAL SUPPORT EQUIPMENT .....	4,383	4,383	4,383	4,383
151	NAVAL MIP SUPPORT EQUIPMENT .....	2,030	2,030	2,030	2,030
152	OPERATING FORCES SUPPORT EQUIPMENT .....	7,500	7,500	7,500	7,500
153	CAISR EQUIPMENT .....	4,010	4,010	4,010	4,010
154	ENVIRONMENTAL SUPPORT EQUIPMENT .....	23,644	23,644	23,644	23,644
155	PHYSICAL SECURITY EQUIPMENT .....	101,982	101,982	120,982	101,982
	UFR: Port Security Barriers for Ship Repair Facilities .....			[19,000]	
156	ENTERPRISE INFORMATION TECHNOLOGY .....	19,789	19,789	19,789	19,789

**SEC. 4101. PROCUREMENT**  
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	<b>OTHER</b>										
160	NEXT GENERATION ENTERPRISE SERVICE .....		104,584		104,584		104,584				104,584
	<b>CLASSIFIED PROGRAMS</b>										
161A	CLASSIFIED PROGRAMS .....		23,707		23,707		23,707				23,707
	<b>SPARES AND REPAIR PARTS</b>										
161	SPARES AND REPAIR PARTS .....		278,565		290,565		278,565				278,565
	E-2D AHE .....				[12,000]						
	<b>UNDISTRIBUTED</b>										
162	UNDISTRIBUTED .....						1,000,000		50,000		50,000
	Classified Project 0428 .....						[1,000,000]		[50,000]		
	<b>TOTAL OTHER PROCUREMENT, NAVY .....</b>		<b>8,277,789</b>	<b>3</b>	<b>8,665,189</b>	<b>2</b>	<b>9,495,858</b>	<b>3</b>	<b>241,198</b>	<b>3</b>	<b>8,518,987</b>
	<b>PROCUREMENT, MARINE CORPS</b>										
	<b>TRACKED COMBAT VEHICLES</b>										
001	AAV7A1 PIP .....		107,665		107,665		107,665				107,665
002	AMPHIBIOUS COMBAT VEHICLE 1.1 .....	26	161,511	26	161,511	26	161,511			26	161,511
003	LAV PIP .....		17,244		17,244		17,244				17,244
	<b>ARTILLERY AND OTHER WEAPONS</b>										
004	EXPEDITIONARY FIRE SUPPORT SYSTEM .....		626		626		626				626
005	155MM LIGHTWEIGHT TOWED HOWITZER .....		20,259		20,259		20,259				20,259
006	HIGH MOBILITY ARTILLERY ROCKET SYSTEM .....		59,943		59,943		59,943				59,943
007	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION .....		19,616		19,616		19,616				19,616
	<b>OTHER SUPPORT</b>										
008	MODIFICATION KITS .....		17,778		17,778		17,778				17,778
	<b>GUIDED MISSILES</b>										
010	GROUND BASED AIR DEFENSE .....		9,432		9,432		9,432				9,432
011	JAVELIN .....	222	41,159	222	41,159	222	41,159			222	41,159
012	FOLLOW ON TO SMAW .....		25,125		25,125		25,125				25,125
013	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H) .....		51,553		51,553		51,553				51,553
	<b>COMMAND AND CONTROL SYSTEMS</b>										
016	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C) .....		44,928		44,928		44,928				44,928
	<b>REPAIR AND TEST EQUIPMENT</b>										
017	REPAIR AND TEST EQUIPMENT .....		33,056		33,056		33,056				33,056

<b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>									
020	ITEMS UNDER \$5 MILLION (COMM & ELEC) .....	17,644	374	37,844		37,844		20,200	37,844
	UFR: Night Optics for Sniper Rifle .....		[374]	[20,200]		[20,200]		[20,200]	
021	AIR OPERATIONS C2 SYSTEMS .....	18,393		18,393		18,393			18,393
<b>RADAR + EQUIPMENT (NON-TEL)</b>									
022	RADAR SYSTEMS .....	12,411		12,411		12,411			12,411
023	GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....	3	139,167	4	178,367	3	139,167		3
	Unfunded requirement—CEG Shelters .....				[1,500]				
	Unfunded requirement—G/ATOR acceleration .....			[1]	[37,700]				
024	RQ-21 UAS .....	4	77,841	4	77,841	4	77,841		4
<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>									
025	GCSS-MC .....	1,990		1,990		1,990			1,990
026	FIRE SUPPORT SYSTEM .....	22,260		22,260		22,260			22,260
027	INTELLIGENCE SUPPORT EQUIPMENT .....	55,759		55,759		65,879			55,759
	UFR: CI and HUMINT Equipment Program .....					[10,120]			
029	UNMANNED AIR SYSTEMS (INTEL) .....	10,154	10	26,754	10	23,654	10	13,500	10
	UFR: Long Endurance Small UAS .....		[10]	[16,600]	[10]	[13,500]	[10]	[13,500]	
030	DCGS-MC .....	13,462		13,462		13,462			13,462
031	UAS PAYLOADS .....	14,193		14,193		14,193			14,193
<b>OTHER SUPPORT (NON-TEL)</b>									
035	NEXT GENERATION ENTERPRISE NETWORK (NGEN) .....	98,511		98,511		98,511			98,511
036	COMMON COMPUTER RESOURCES .....	66,894		66,894		73,998			66,894
	UFR: Full Spectrum Cyber Operations DMSS .....					[7,104]			
037	COMMAND POST SYSTEMS .....	186,912		256,912		186,912		20,000	206,912
	Additional NOTM-A Systems for emerging operational require- ments. ....			[70,000]				[20,000]	
038	RADIO SYSTEMS .....	34,361		34,361		34,361			34,361
039	COMM SWITCHING & CONTROL SYSTEMS .....	54,615		54,615		54,615			54,615
040	COMM & ELEC INFRASTRUCTURE SUPPORT .....	44,455		44,455		44,455			44,455
<b>CLASSIFIED PROGRAMS</b>									
040A	CLASSIFIED PROGRAMS .....	4,214		4,214		4,214			4,214
<b>ADMINISTRATIVE VEHICLES</b>									
042	COMMERCIAL CARGO VEHICLES .....	66,951		66,951		66,951			66,951
<b>TACTICAL VEHICLES</b>									
043	MOTOR TRANSPORT MODIFICATIONS .....	21,824		21,824		21,824			21,824
044	JOINT LIGHT TACTICAL VEHICLE .....	527	233,639	527	233,639	527	233,639		527
045	FAMILY OF TACTICAL TRAILERS .....	1,938		1,938		1,938			1,938
046	TRAILERS .....	10,282		10,282		10,282			10,282
<b>ENGINEER AND OTHER EQUIPMENT</b>									
048	ENVIRONMENTAL CONTROL EQUIP ASSORT .....	1,405		1,405		1,405			1,405

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050	TACTICAL FUEL SYSTEMS .....		1,788		1,788		1,788				1,788
051	POWER EQUIPMENT ASSORTED .....		9,910		9,910		9,910				9,910
052	AMPHIBIOUS SUPPORT EQUIPMENT .....		5,830		5,830		5,830				5,830
053	EOD SYSTEMS .....		27,240		27,240		27,240				27,240
	<b>MATERIALS HANDLING EQUIPMENT</b>										
054	PHYSICAL SECURITY EQUIPMENT .....		53,477		53,477		53,477				53,477
	<b>GENERAL PROPERTY</b>										
056	TRAINING DEVICES .....		76,185		85,064		85,064		8,879		85,064
	UFR: ITES-II Force on Force Training System .....				[8,879]		[8,879]		[8,879]		
058	FAMILY OF CONSTRUCTION EQUIPMENT .....		26,286		26,286		26,286				26,286
059	FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV) .....		1,583		1,583		1,583				1,583
	<b>OTHER SUPPORT</b>										
060	ITEMS LESS THAN \$5 MILLION .....		7,716		7,716		7,716				7,716
	<b>SPARES AND REPAIR PARTS</b>										
062	SPARES AND REPAIR PARTS .....		35,640		38,769		35,640				35,640
	Unfunded requirement—G/ATOR spares .....				[3,129]						
	<b>TOTAL PROCUREMENT, MARINE CORPS</b> .....	<b>782</b>	<b>2,064,825</b>	<b>1,167</b>	<b>2,222,833</b>	<b>792</b>	<b>2,124,628</b>	<b>10</b>	<b>62,579</b>	<b>792</b>	<b>2,127,404</b>
	<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>										
	<b>TACTICAL FORCES</b>										
001	F-35 .....	46	4,544,684	56	5,804,684	60	6,304,684	10	1,090,000	56	5,634,684
	Additional Tooling in Support of Unfunded Priority .....				[60,000]				[60,000]		
	UFR: Procure additional F-35As .....			[10]	[1,200,000]	[14]	[1,760,000]	[10]	[1,030,000]		
002	ADVANCE PROCUREMENT (CY) .....		780,300		780,300		780,300				780,300
002A	O/A-X LIGHT ATTACK FIGHTER .....						1,200,000		400,000		400,000
	O/A-X Light Attack Fighter .....						[1,200,000]		[400,000]		
	<b>TACTICAL AIRLIFT</b>										
003	KC-46A TANKER .....	15	2,545,674	17	2,945,674	17	2,945,674	2	400,000	17	2,945,674
	UFR: Procure KC-46 .....			[2]	[400,000]	[2]	[400,000]	[2]	[400,000]		
	<b>OTHER AIRLIFT</b>										
004	C-130J .....		57,708		57,708	3	219,708		102,000		159,708
	Technical adjustments for Weapon System Trainers .....					[3]	[102,000]		[102,000]		
	UFR: C-130J simulators .....						[60,000]				



006	HC-130J .....	2	198,502	3	298,502	3	298,502	1	100,000	3	298,502
	UFR: Procure HC-130s .....			[1]	[100,000]	[1]	[100,000]	[1]	[100,000]		
008	MC-130J .....	5	379,373	11	979,373	17	1,609,373	6	600,000	11	979,373
	UFR: Procure MC-130J WST .....						[30,000]				
	UFR: Procures MC-130s .....			[6]	[600,000]	[12]	[1,200,000]	[6]	[600,000]		
009	ADVANCE PROCUREMENT (CY) .....		30,000		30,000		30,000				30,000
	<b>MISSION SUPPORT AIRCRAFT</b>										
012	CIVIL AIR PATROL A/C .....	6	2,695	6	2,695	6	2,695			6	2,695
	<b>OTHER AIRCRAFT</b>										
014	TARGET DRONES .....	42	109,841	42	109,841	42	109,841			42	109,841
017	MQ-9 .....		117,141		117,141		117,141				117,141
017A	COMPASS CALL .....						108,173		108,173		108,173
	Technical adjustment .....						[108,173]		[108,173]		
	<b>STRATEGIC AIRCRAFT</b>										
018	B-2A .....		96,727	54	105,727		96,727				96,727
	B-2 Rotary Launcher assembly .....			[54]	[9,000]						
019	B-1B .....		155,634		121,634		121,634		-34,000		121,634
	Excess funding .....				[-34,000]		[-34,000]		[-34,000]		
020	B-52 .....		109,295		109,295		109,295				109,295
021	LARGE AIRCRAFT INFRARED COUNTERMEASURES .....		4,046	50	122,991		4,046				4,046
	C-130 LAIRCM .....				[18,900]						
	C-17 LAIRCM .....			[40]	[76,145]						
	C-5 LAIRCM .....			[10]	[23,900]						
	<b>TACTICAL AIRCRAFT</b>										
022	A-10 .....		6,010	4	109,010	4	109,010	4	103,000	4	109,010
	UFR: A-10 Wings .....			[4]	[103,000]	[4]	[103,000]	[4]	[103,000]		
023	F-15 .....		417,193		417,193		417,193				417,193
024	F-16 .....		203,864		203,864		203,864				203,864
025	F-22A .....		161,630		161,630		161,630				161,630
026	ADVANCE PROCUREMENT (CY) .....		15,000		15,000		15,000				15,000
027	F-35 MODIFICATIONS .....		68,270		68,270		68,270				68,270
028	INCREMENT 3.2B .....	72	105,756	72	105,756	72	105,756			72	105,756
030	KC-46A TANKER .....		6,213		6,213		6,213				6,213
	<b>AIRLIFT AIRCRAFT</b>										
031	C-5 .....		36,592		36,592		36,592				36,592
032	C-5M .....		6,817		6,817		6,817				6,817
033	C-17A .....		125,522		125,522		125,522				125,522
034	C-21 .....		13,253		13,253		13,253				13,253
035	C-32A .....		79,449		79,449		79,449				79,449
036	C-37A .....		15,423		15,423	3	206,723				15,423

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Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	UFR: Procure C-37B .....					[3]	[191,300]				
037	C-130J .....		10,727		10,727				-10,727		
	Technical adjustments .....								[-10,727]		
	<b>TRAINER AIRCRAFT</b>										
038	GLIDER MODS .....		136		136		136				136
039	T-6 .....		35,706		35,706		35,706				35,706
040	T-1 .....		21,477		21,477		21,477				21,477
041	T-38 .....		51,641		51,641		51,641				51,641
	<b>OTHER AIRCRAFT</b>										
042	U-2 MODS .....		36,406		36,406		36,406				36,406
043	KC-10A (ATCA) .....		4,243		4,243		4,243				4,243
044	C-12 .....		5,846		70,846		5,846				5,846
	MC-12W upgrades for Air National Guard .....				[65,000]						
045	VC-25A MOD .....		52,107		52,107		52,107				52,107
046	C-40 .....		31,119		31,119		31,119				31,119
047	C-130 .....		66,310		213,310		96,110		129,000		195,310
	C-130H Inflight rebalance system .....				[18,000]						
	C-130H NP2000 Prop .....				[55,000]				[55,000]		
	C-130H T56 3.5 .....				[74,000]				[74,000]		
	Propulsion improvement .....						[26,800]				
	UFR: Procures AC-130J AGM-114 Cape .....						[3,000]				
048	C-130J MODS .....		171,230		171,230		181,957		10,727		181,957
	Technical adjustments .....						[10,727]		[10,727]		
049	C-135 .....		69,428		69,428		69,428				69,428
050	OC-135B .....		23,091				23,091				23,091
	Program decrease .....				[-23,091]						
051	COMPASS CALL MODS .....		166,541		166,541		102,968		-63,573		102,968
	Technical adjustment .....						[-108,173]		[-108,173]		
	UFR: Avionics Viability Program (AVP) upgrades .....						[10,000]		[10,000]		
	UFR: Expected disconnect in air vehicle .....						[10,000]		[10,000]		
	UFR: Mission and support equipment .....						[24,600]		[24,600]		
052	COMBAT FLIGHT INSPECTION (CFIN) .....		495		495		495				495
053	RC-135 .....		201,559		201,559		201,559				201,559

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054	E-3 .....	189,772		189,772		189,772		189,772
055	E-4 .....	30,493		30,493		30,493		30,493
056	E-8 .....	13,232		36,323		13,232		13,232
	Program increase .....			[23,091]				
057	AIRBORNE WARNING AND CONTROL SYSTEM .....	164,786		164,786		164,786		164,786
058	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	24,716		24,716		31,353		24,716
	UFR: Family of Advance Beyond Line of Sight-Terminals .....					[6,637]		
059	H-1 .....	3,730		3,730		12,230		3,730
	UFR: UH-1N Safety Enhancements .....					[8,500]		
060	H-60 .....	75,989		92,089		75,989	16,100	92,089
	Unfunded requirement .....			[16,100]			[16,100]	
061	RQ-4 MODS .....	43,968	4	101,868		83,568	4	101,868
	HA-ISR Payload Adapters .....			[18,300]			[18,300]	
	UFR: Replace RQ-4 TFT Antennas .....		[4]	[39,600]		[39,600]	[4]	[39,600]
062	HC/MC-130 MODIFICATIONS .....	67,674		67,674		67,674		67,674
063	OTHER AIRCRAFT .....	59,068		59,068		59,068		59,068
065	MQ-9 MODS .....	264,740		269,940		264,740		264,740
	FY17 10th Pod Set Procurement Shortfall .....			[5,200]				
066	CV-22 MODS .....	60,990		60,990		60,990		60,990
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>							
067	INITIAL SPARES/REPAIR PARTS .....	1,041,569		1,121,169		1,041,569	79,600	1,121,169
	Additional F-35 Initial Spares .....			[79,600]			[79,600]	
	<b>COMMON SUPPORT EQUIPMENT</b>							
068	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	75,846		75,846		75,846		75,846
069	OTHER PRODUCTION CHARGES .....	8,524		8,524		8,524		8,524
071	T-53A TRAINER .....	501		501		501		501
	<b>POST PRODUCTION SUPPORT</b>							
072	B-2A .....	447		447		447		447
073	B-2A .....	38,509		38,509		38,509		38,509
074	B-52 .....	199		199		199		199
075	C-17A .....	12,028		12,028		12,028		12,028
078	RC-135 .....	29,700		29,700		29,700		29,700
079	F-15 .....	20,000		20,000		20,000		20,000
080	F-15 .....	2,524		2,524		2,524		2,524
081	F-16 .....	18,051		5,651		18,051	-12,400	5,651
	Program reduction .....			[-12,400]			[-12,400]	
082	F-22A .....	119,566		119,566		119,566		119,566
083	OTHER AIRCRAFT .....	85,000		85,000		85,000		85,000
085	RQ-4 POST PRODUCTION CHARGES .....	86,695		86,695		86,695		86,695
086	CV-22 MODS .....	4,500		4,500		4,500		4,500

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**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	<b>INDUSTRIAL PREPAREDNESS</b>										
087	INDUSTRIAL RESPONSIVENESS .....		14,739		30,739		14,739		16,000		30,739
	Program increase .....				[16,000]				[16,000]		
088	C-130J .....		102,000		102,000				-102,000		
	Technical adjustments for Weapon System Trainers .....						[-102,000]		[-102,000]		
	<b>WAR CONSUMABLES</b>										
089	WAR CONSUMABLES .....		37,647		37,647		37,647				37,647
	<b>OTHER PRODUCTION CHARGES</b>										
090	OTHER PRODUCTION CHARGES .....		1,339,160		1,339,160		1,339,160				1,339,160
092	OTHER AIRCRAFT .....		600		600		600				600
	<b>CLASSIFIED PROGRAMS</b>										
092A	CLASSIFIED PROGRAMS .....		53,212		53,212		53,212				53,212
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> .....	<b>188</b>	<b>15,430,849</b>	<b>319</b>	<b>18,362,194</b>	<b>227</b>	<b>20,570,286</b>	<b>27</b>	<b>2,989,800</b>	<b>215</b>	<b>18,420,649</b>
	<b>MISSILE PROCUREMENT, AIR FORCE</b>										
	<b>MISSILE REPLACEMENT EQUIPMENT—BALLISTIC</b>										
001	MISSILE REPLACEMENT EQ-BALLISTIC .....		99,098		99,098		119,098				99,098
	UFR: (NUC) TE Replacement Disconnect .....						[20,000]				
	<b>TACTICAL</b>										
002	JOINT AIR-SURFACE STANDOFF MISSILE .....	360	441,367	360	441,367	360	441,367			360	441,367
003	LRASMO .....	15	44,728	15	61,728	15	61,728		17,000	15	61,728
	UFR: Long Range Anti-Ship Missile (LRASM) .....				[17,000]		[17,000]		[17,000]		
004	SIDEWINDER (AIM-9X) .....	310	125,350	310	125,350	310	125,350			310	125,350
005	AMRAAM .....	205	304,327	205	304,327	205	304,327			205	304,327
006	PREDATOR HELLFIRE MISSILE .....	399	34,867	399	34,867	399	34,867			399	34,867
007	SMALL DIAMETER BOMB .....	5,039	266,030	5,039	266,030	5,039	266,030			5,039	266,030
	<b>INDUSTRIAL FACILITIES</b>										
008	INDUSTR'L PREPAREDNS/POL PREVENTION .....		926		926		926				926
	<b>CLASS IV</b>										
009	ICBM FUZE MOD .....		6,334		6,334		6,334				6,334
010	MM III MODIFICATIONS .....		80,109		80,109		91,109				80,109
	UFR: (NUC) Upgrade Minimum Essential Emergency Commu- nications Network (MEECN) (MMPU) .....						[11,000]				

011	AGM-65D MAVERICK .....	289		289		289		289
013	AIR LAUNCH CRUISE MISSILE (ALCM) .....	36,425		36,425		36,425		36,425
014	SMALL DIAMETER BOMB .....	14,086		14,086		14,086		14,086
	<b>MISSILE SPARES AND REPAIR PARTS</b>							
015	INITIAL SPARES/REPAIR PARTS .....	101,153		101,153		101,153		101,153
	<b>SPECIAL PROGRAMS</b>							
020	SPECIAL UPDATE PROGRAMS .....	44,917		44,917		44,917		44,917
	<b>CLASSIFIED PROGRAMS</b>							
020A	CLASSIFIED PROGRAMS .....	708,176		708,176		708,176		708,176
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE .....</b>	<b>6,328</b>	<b>2,308,182</b>	<b>6,328</b>	<b>2,325,182</b>	<b>6,328</b>	<b>2,356,182</b>	<b>17,000</b>
	<b>6,328</b>	<b>2,308,182</b>	<b>6,328</b>	<b>2,325,182</b>	<b>6,328</b>	<b>2,356,182</b>	<b>17,000</b>	<b>6,328</b>
	<b>2,325,182</b>							<b>2,325,182</b>
	<b>SPACE PROCUREMENT, AIR FORCE</b>							
	<b>SPACE PROGRAMS</b>							
001	ADVANCED EHF .....	56,974		56,974		56,974		56,974
002	AF SATELLITE COMM SYSTEM .....	57,516		57,516		57,516		57,516
003	COUNTERSPACE SYSTEMS .....	28,798		28,798		28,798		28,798
004	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	146,972		146,972		159,500		146,972
	UFR: Family of Advance Beyond Line of Sight-Terminals .....					[12,528]		
005	WIDEBAND GAFILLER SATELLITES(SPACE) .....	80,849		180,849		80,849		80,849
	Long-lead procurement for protecting supply chain and schedule for WGS communications.			[100,000]				
006	GPS III SPACE SEGMENT .....	85,894		85,894		85,894		85,894
007	GLOBAL POSITIONING (SPACE) .....	2,198		2,198		2,198		2,198
008	SPACEBORNE EQUIP (COMSEC) .....	25,048		25,048		25,048		25,048
010	MILSATCOM .....	33,033		33,033		33,033		33,033
011	EVOLVED EXPENDABLE LAUNCH CAPABILITY .....	957,420		957,420		957,420		957,420
012	EVOLVED EXPENDABLE LAUNCH VEH(SPACE) .....	3	606,488	3	606,488	3	606,488	3
013	SBIR HIGH (SPACE) .....	981,009		1,057,359		1,054,809	73,800	1,054,809
	UFR: SBIRS equipment .....			[76,350]		[73,800]	[73,800]	
014	ADVANCE PROCUREMENT (CY) .....	132,420		132,420		132,420		132,420
015	NUDET DETECTION SYSTEM .....	6,370		6,370		6,370		6,370
016	SPACE MODS .....	37,203		37,203		58,203		37,203
	UFR: Fix Enterprise Space Battle Management Command & Control (BMC2).					[21,000]		
017	SPACELIFT RANGE SYSTEM SPACE .....	113,874		113,874		113,874		113,874
	<b>SSPARES</b>							
018	INITIAL SPARES/REPAIR PARTS .....	18,709		18,709		18,709		18,709
	<b>TOTAL SPACE PROCUREMENT, AIR FORCE .....</b>	<b>3</b>	<b>3,370,775</b>	<b>3</b>	<b>3,547,125</b>	<b>3</b>	<b>3,478,103</b>	<b>73,800</b>
	<b>3</b>	<b>3,370,775</b>	<b>3</b>	<b>3,547,125</b>	<b>3</b>	<b>3,478,103</b>	<b>73,800</b>	<b>3</b>
	<b>3,444,575</b>							<b>3,444,575</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>							

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	<b>ROCKETS</b>										
001	ROCKETS .....		147,454		147,454		147,454				147,454
	<b>CARTRIDGES</b>										
002	CARTRIDGES .....		161,744		161,744		161,744				161,744
	<b>BOMBS</b>										
003	PRACTICE BOMBS .....		28,509		28,509		28,509				28,509
004	GENERAL PURPOSE BOMBS .....		329,501		329,501		329,501				329,501
005	MASSIVE ORDNANCE PENETRATOR (MOP) .....		38,382		38,382		38,382				38,382
006	JOINT DIRECT ATTACK MUNITION .....	10,330	319,525	10,330	319,525	10,330	319,525			10,330	319,525
007	B61 .....	30	77,068	30	77,068	30	77,068			30	77,068
008	ADVANCE PROCUREMENT (CY) .....		11,239		11,239		11,239				11,239
	<b>OTHER ITEMS</b>										
009	CAD/PAD .....		53,469		53,469		53,469				53,469
010	EXPLOSIVE ORDNANCE DISPOSAL (EOD) .....		5,921		5,921		5,921				5,921
011	SPARES AND REPAIR PARTS .....		678		678		678				678
012	MODIFICATIONS .....		1,409		1,409		1,409				1,409
013	ITEMS LESS THAN \$5 MILLION .....		5,047		5,047		5,047				5,047
	<b>FLARES</b>										
015	FLARES .....		143,983		143,983		143,983				143,983
	<b>FUZES</b>										
016	FUZES .....		24,062		24,062		14,062				24,062
	Program decrease .....						[-10,000]				
	<b>SMALL ARMS</b>										
017	SMALL ARMS .....		28,611		28,611		28,611				28,611
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE</b> .....	<b>10,360</b>	<b>1,376,602</b>	<b>10,360</b>	<b>1,376,602</b>	<b>10,360</b>	<b>1,366,602</b>			<b>10,360</b>	<b>1,376,602</b>
	<b>OTHER PROCUREMENT, AIR FORCE</b>										
	<b>PASSENGER CARRYING VEHICLES</b>										
001	PASSENGER CARRYING VEHICLES .....		15,651	101	21,523		16,751				15,651
	UFR: Set the Theater initiative, PACOM .....						[1,100]				
	Unfunded requirement .....			[101]	[5,872]						
	<b>CARGO AND UTILITY VEHICLES</b>										
002	MEDIUM TACTICAL VEHICLE .....		54,607	113	67,907		54,607	113	13,300	113	67,907

	Unfunded requirement .....		[113]	[13,300]		[113]	[13,300]	
003	CAP VEHICLES .....	1,011		1,011	1,011			1,011
004	CARGO AND UTILITY VEHICLES .....	28,670	2,447	127,466	28,670		49,350	78,020
	Unfunded requirement .....		[2,447]	[98,796]			[49,350]	
	<b>SPECIAL PURPOSE VEHICLES</b>							
005	SECURITY AND TACTICAL VEHICLES .....	59,398		69,362	70,008	60	9,964	60
	UFR: Set the Theater initiative, PACOM .....			[9,964]	[10,610]	[60]	[9,964]	
006	SPECIAL PURPOSE VEHICLES .....	19,784	60	30,391	19,784		10,607	30,391
	Unfunded requirement .....		[60]	[10,607]			[10,607]	
	<b>FIRE FIGHTING EQUIPMENT</b>							
007	FIRE FIGHTING/CRASH RESCUE VEHICLES .....	14,768		14,768	14,768			14,768
	<b>MATERIALS HANDLING EQUIPMENT</b>							
008	MATERIALS HANDLING VEHICLES .....	13,561	469	92,618	17,761	270	45,528	270
	UFR: Set the Theater (ST) PACOM .....		[469]	[79,057]	[4,200]	[270]	[45,528]	
	<b>BASE MAINTENANCE SUPPORT</b>							
009	RUNWAY SNOW REMOV & CLEANING EQUIP .....	3,429	44	11,550	3,429	44	8,121	44
	Unfunded requirement .....		[44]	[8,121]		[44]	[8,121]	
010	BASE MAINTENANCE SUPPORT VEHICLES .....	60,075	68	73,305	73,754	68	13,230	68
	UFR: Set the Theater (ST) PACOM .....		[68]	[13,230]	[13,679]	[68]	[13,230]	
	<b>COMM SECURITY EQUIPMENT(COMSEC)</b>							
011	COMSEC EQUIPMENT .....	115,000		123,000	123,000		8,000	123,000
	UFR: Cyber Squadron Initiative .....			[8,000]	[8,000]		[8,000]	
	<b>INTELLIGENCE PROGRAMS</b>							
013	INTERNATIONAL INTEL TECH & ARCHITECTURES .....	22,335		22,335	22,335			22,335
014	INTELLIGENCE TRAINING EQUIPMENT .....	5,892		5,892	5,892			5,892
015	INTELLIGENCE COMM EQUIPMENT .....	34,072		34,072	34,072			34,072
	<b>ELECTRONICS PROGRAMS</b>							
016	AIR TRAFFIC CONTROL & LANDING SYS .....	66,143		104,843	123,343		38,700	104,843
	UFR: Cyber Squadron Initiative (WSCR) .....			[6,000]	[8,000]		[6,000]	
	UFR: Deployable Radar Approach Control .....			[16,500]	[33,000]		[16,500]	
	UFR: D-ILS Procurement .....			[16,200]	[16,200]		[16,200]	
017	NATIONAL AIRSPACE SYSTEM .....	12,641		12,641	12,641			12,641
018	BATTLE CONTROL SYSTEM—FIXED .....	6,415		7,815	7,815		1,400	7,815
	UFR: Battle Control System (BCS) Tech Refresh .....			[1,400]	[1,400]		[1,400]	
019	THEATER AIR CONTROL SYS IMPROVEMENTS .....	23,233		23,233	23,233			23,233
020	WEATHER OBSERVATION FORECAST .....	40,116		40,116	70,116			40,116
	UFR: Installation and Notification Warning System (INWS) (ANG) .....				[30,000]			
021	STRATEGIC COMMAND AND CONTROL .....	72,810		72,810	72,810			72,810
022	CHEYENNE MOUNTAIN COMPLEX .....	9,864		9,864	9,864			9,864

**SEC. 4101. PROCUREMENT**  
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Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
023	MISSION PLANNING SYSTEMS .....		15,486		15,486		15,486				15,486
025	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN) .....		9,187		9,187		9,187				9,187
	<b>SPCL COMM-ELECTRONICS PROJECTS</b>										
026	GENERAL INFORMATION TECHNOLOGY .....		51,826		51,826		58,126				51,826
	UFR: AFSPC Cyber Request for CMF Initial Skills Training (IST) Pipeline.						[6,300]				
027	AF GLOBAL COMMAND & CONTROL SYS .....		3,634		3,634		3,634				3,634
028	MOBILITY COMMAND AND CONTROL .....		10,083		10,083		10,083				10,083
029	AIR FORCE PHYSICAL SECURITY SYSTEM .....		201,866		236,366		201,866		18,000		219,866
	Unfunded requirement—Intrusion Detection Systems .....				[18,000]				[18,000]		
	Unfunded requirement—PL2 BPSS systems .....				[16,500]						
030	COMBAT TRAINING RANGES .....		115,198		115,198		115,198				115,198
031	MINIMUM ESSENTIAL EMERGENCY COMM N .....		292		292		292				292
032	WIDE AREA SURVEILLANCE (WAS) .....		62,087		62,087		62,087				62,087
033	C3 COUNTERMEASURES .....		37,764		37,764		37,764				37,764
034	GCSS-AF FOS .....		2,826		2,826		2,826				2,826
035	DEFENSE ENTERPRISE ACCOUNTING AND MGMT SYSTEM .....		1,514		1,514		1,514				1,514
036	THEATER BATTLE MGT C2 SYSTEM .....		9,646		9,646		9,646				9,646
037	AIR & SPACE OPERATIONS CTR-WPN SYS .....		25,533		25,533		25,533				25,533
	<b>AIR FORCE COMMUNICATIONS</b>										
040	BASE INFORMATION TRANSP INFRAS (BITI) WIRED .....		28,159		28,159		28,159				28,159
041	AFNET .....		160,820		186,820		356,420		26,000		186,820
	UFR: ARAD Enterprise Software .....				[26,000]				[26,000]		
	UFR: Inst Processing Nodes in FY18 .....						[169,600]				
042	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....		5,135		5,135		5,135				5,135
043	USCENTCOM .....		18,719		18,719		18,719				18,719
	<b>ORGANIZATION AND BASE</b>										
044	TACTICAL C-E EQUIPMENT .....		123,206		123,206		123,206				123,206
045	COMBAT SURVIVOR EVADER LOCATER .....		3,004		3,004		3,004				3,004
046	RADIO EQUIPMENT .....		15,736		15,736		15,736				15,736
047	CCTV/AUDIOVISUAL EQUIPMENT .....		5,480		5,480		5,480				5,480
048	BASE COMM INFRASTRUCTURE .....		130,539		130,539		130,539				130,539
	<b>MODIFICATIONS</b>										



049	COMM ELECT MODS .....		70,798		70,798		70,798		70,798
	<b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>								
051	ITEMS LESS THAN \$5 MILLION .....		52,964		116,864		137,664		63,900
	UFR: Battlefield Airman Combat Equipment .....				(59,400)		(83,700)		(59,400)
	UFR: Procure Parachute Phantom Oxygen System .....				(500)		(1,000)		(500)
	Unfunded requirements .....				(4,000)				(4,000)
	<b>DEPOT PLANT+MTRLS HANDLING EQ</b>								
052	MECHANIZED MATERIAL HANDLING EQUIP .....		10,381		10,381		10,381		10,381
	<b>BASE SUPPORT EQUIPMENT</b>								
053	BASE PROCURED EQUIPMENT .....		15,038		20,038		15,038		5,000
	Program increase—Civil Engineers Construction, Surveying, and Mapping Equipment.				(5,000)				(5,000)
054	ENGINEERING AND EOD EQUIPMENT .....		26,287		58,837		26,287		32,550
	Unfunded requirement .....				(32,550)				(32,550)
055	MOBILITY EQUIPMENT .....		8,470		45,470		45,150		36,680
	UFR: Basic Expeditionary Airfield Resources spare require- ments in support of the Set the Theater, PACOM.				(37,000)		(36,680)		(36,680)
056	ITEMS LESS THAN \$5 MILLION .....		28,768		28,768		28,768		28,768
	<b>SPECIAL SUPPORT PROJECTS</b>								
058	DARP RC135 .....		25,985		25,985		25,985		25,985
059	DCGS-AF .....		178,423		269,623		178,423		178,423
	Unfunded requirement .....				(91,200)				
061	SPECIAL UPDATE PROGRAM .....		881,980		881,980		881,980		881,980
	<b>CLASSIFIED PROGRAMS</b>								
062A	CLASSIFIED PROGRAMS .....		16,848,568		16,848,568		16,848,568		16,848,568
	<b>SPARES AND REPAIR PARTS</b>								
064	SPARES AND REPAIR PARTS .....		26,675		26,675		29,605		26,675
	UFR: Basic Expeditionary Airfield Resources spare require- ments in support of the Set the Theater, PACOM.						(2,930)		
	<b>TOTAL OTHER PROCUREMENT, AIR FORCE .....</b>		<b>19,891,552</b>	<b>3,302</b>	<b>20,468,749</b>		<b>20,343,951</b>	<b>555</b>	<b>380,330</b>
								<b>555</b>	<b>20,271,882</b>
	<b>PROCUREMENT, DEFENSE-WIDE</b>								
	<b>MAJOR EQUIPMENT, OSD</b>								
042	MAJOR EQUIPMENT, OSD .....	20	36,999	20	36,999	20	36,999	20	36,999
	<b>MAJOR EQUIPMENT, NSA</b>								
041	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP) .....		5,938		5,938		5,938		5,938
	<b>MAJOR EQUIPMENT, WHS</b>								
045	MAJOR EQUIPMENT, WHS .....		10,529		10,529		10,529		10,529
	<b>MAJOR EQUIPMENT, DISA</b>								
007	INFORMATION SYSTEMS SECURITY .....		24,805		24,805		24,805		24,805

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
008	TELEPORT PROGRAM .....		46,638		46,638		46,638				46,638
009	ITEMS LESS THAN \$5 MILLION .....		15,541		15,541		15,541				15,541
010	NET CENTRIC ENTERPRISE SERVICES (NCES) .....		1,161		1,161		1,161				1,161
011	DEFENSE INFORMATION SYSTEM NETWORK .....		126,345		126,345		126,345				126,345
012	CYBER SECURITY INITIATIVE .....		1,817		1,817		1,817				1,817
013	WHITE HOUSE COMMUNICATION AGENCY .....		45,243		45,243		45,243				45,243
014	SENIOR LEADERSHIP ENTERPRISE .....		294,139		294,139		294,139				294,139
016	JOINT REGIONAL SECURITY STACKS (JRSS) .....		188,483		188,483		188,483				188,483
017	JOINT SERVICE PROVIDER .....		100,783		100,783		100,783				100,783
	<b>MAJOR EQUIPMENT, DLA</b>										
019	MAJOR EQUIPMENT .....		2,951		2,951		2,951				2,951
	<b>MAJOR EQUIPMENT, DSS</b>										
023	MAJOR EQUIPMENT .....		1,073		1,073		1,073				1,073
	<b>MAJOR EQUIPMENT, DCAA</b>										
001	ITEMS LESS THAN \$5 MILLION .....		1,475		1,475		1,475				1,475
	<b>MAJOR EQUIPMENT, TJS</b>										
043	MAJOR EQUIPMENT, TJS .....		9,341		9,341		9,341				9,341
044	MAJOR EQUIPMENT, TJS—CE2T2 .....		903		903		903				903
	<b>MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY</b>										
027	THAAD .....	84	960,732	108	1,280,132	108	1,280,132			84	960,732
	UFR: Procures additional THAAD Interceptors .....			[24]	[319,400]	[24]	[319,400]				
027A	GROUND BASED MIDCOURSE .....		180,000		180,000		180,000				180,000
027B	ADVANCE PROCUREMENT (CY) .....	20	88,000	20	88,000	20	88,000			20	88,000
028	AEGIS BMD .....	50	876,018	61	1,034,018	50	876,018			50	876,018
	Additional SM-3 Block 1B .....			[11]	[158,000]						
029	ADVANCE PROCUREMENT (CY) .....		38,738		38,738		38,738				38,738
030	BMDS AN/TPY-2 RADARS .....		11,947		11,947		11,947				11,947
031	ARROW UPPER TIER .....								120,000		120,000
	Program increase for co-production .....								[120,000]		
032	DAVID'S SLING .....								120,000		120,000
	Program increase for co-production .....								[120,000]		
033	AEGIS ASHORE PHASE III .....		59,739		59,739		59,739				59,739
034	IRON DOME .....	1	42,000	1	42,000	1	92,000		50,000	1	92,000

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						(50,000)	(50,000)	
035	Increase for Co-production of Iron Dome Tamir interceptors ..							
	AEGIS BMD HARDWARE AND SOFTWARE .....	21	160,330	21	160,330	21	160,330	21
078	DAVID'S SLING .....							
	Increase to DSWS Co-production .....							
079	ARROW UPPER TIER .....							
	Increase Arrow 3 Co-production .....							
	<b>MAJOR EQUIPMENT, DHRA</b>							
003	PERSONNEL ADMINISTRATION .....		14,588		14,588		14,588	
	<b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b>							
025	VEHICLES .....		204		204		204	
026	OTHER MAJOR EQUIPMENT .....		12,363		12,363		12,363	
	<b>MAJOR EQUIPMENT, DODEA</b>							
021	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS .....		1,910		1,910		1,910	
	<b>MAJOR EQUIPMENT, DCMA</b>							
002	MAJOR EQUIPMENT .....		4,347		4,347		4,347	
	<b>MAJOR EQUIPMENT, DMOACT</b>							
020	MAJOR EQUIPMENT .....	3	13,464	3	13,464	3	13,464	3
	<b>CLASSIFIED PROGRAMS</b>							
045A	CLASSIFIED PROGRAMS .....		657,759		657,759		657,759	
	<b>AVIATION PROGRAMS</b>							
049	ROTARY WING UPGRADES AND SUSTAINMENT .....		158,988		151,488		145,488	
	SOCOM requested transfer .....				[-7,500]		[-13,500]	
050	UNMANNED ISR .....		13,295		13,295		13,295	
051	NON-STANDARD AVIATION .....		4,892		4,892		4,892	
052	U-28 .....		5,769		5,769	1	20,569	5,769
	UFR: Aircraft loss replacement .....					[1]	[14,800]	
053	MH-47 CHINOOK .....		87,345		87,345		87,345	
055	CV-22 MODIFICATION .....		42,178		42,178		42,178	
057	MQ-9 UNMANNED AERIAL VEHICLE .....		21,660		21,660		21,660	
059	PRECISION STRIKE PACKAGE .....		229,728		229,728		229,728	
060	AC/MC-130J .....		179,934		179,934		179,934	
061	C-130 MODIFICATIONS .....		28,059		28,059		28,059	
	<b>SHIPBUILDING</b>							
062	UNDERWATER SYSTEMS .....		92,606		79,806		79,806	
	SOCOM requested transfer .....				[-12,800]		[-12,800]	
	<b>AMMUNITION PROGRAMS</b>							
063	ORDNANCE ITEMS <\$5M .....		112,331		112,331		112,331	
	<b>OTHER PROCUREMENT PROGRAMS</b>							
064	INTELLIGENCE SYSTEMS .....		82,538		82,538		82,538	
065	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....		11,042		11,042		11,042	

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
066	OTHER ITEMS <\$5M .....		54,592		54,592		54,592				54,592
067	COMBATANT CRAFT SYSTEMS .....		23,272		23,272		23,272				23,272
068	SPECIAL PROGRAMS .....		16,053		16,053		16,053				16,053
069	TACTICAL VEHICLES .....		63,304		63,304		63,304				63,304
070	WARRIOR SYSTEMS <\$5M .....		252,070		252,070		252,070				252,070
071	COMBAT MISSION REQUIREMENTS .....		19,570		19,570		19,570				19,570
072	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....		3,589		3,589		3,589				3,589
073	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....		17,953		17,953		17,953				17,953
075	OPERATIONAL ENHANCEMENTS .....		241,429		241,429	26	254,679	26	13,250	26	254,679
	UFR: Medium Precision Strike munitions .....					[26]	[13,250]	[26]	[13,250]		
	<b>CBDP</b>										
076	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS .....		135,031		135,031		135,031				135,031
077	CB PROTECTION & HAZARD MITIGATION .....		141,027		141,027		141,027				141,027
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE .....</b>	<b>199</b>	<b>6,074,558</b>	<b>234</b>	<b>6,531,658</b>	<b>250</b>	<b>6,685,708</b>	<b>26</b>	<b>276,950</b>	<b>225</b>	<b>6,351,508</b>
	<b>JOINT URGENT OPERATIONAL NEEDS FUND</b>										
001	JOINT URGENT OPERATIONAL NEEDS FUND .....		99,795				99,795		-99,795		
	Program reduction .....				[-99,795]				[-99,795]		
	<b>TOTAL JOINT URGENT OPERATIONAL NEEDS FUND .....</b>		<b>99,795</b>				<b>99,795</b>		<b>-99,795</b>		
	<b>NATIONAL GUARD AND RESERVE EQUIPMENT</b>										
	<b>UNDISTRIBUTED</b>										
007	UNDISTRIBUTED .....								250,000		250,000
	Program increase .....								[250,000]		
	<b>TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT .....</b>								<b>250,000</b>		<b>250,000</b>
	<b>UNDISTRIBUTED</b>										
	<b>UNDISTRIBUTED</b>										
010	UNDISTRIBUTED .....				1,870,644		1,870,600				
	ERI costs transfer from OCO .....				[1,870,644]		[1,870,600]				
	<b>TOTAL UNDISTRIBUTED .....</b>				<b>1,870,644</b>		<b>1,870,600</b>				

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TOTAL PROCUREMENT .....	35,696	116,406,908	72,920	139,305,689	39,027	143,318,432	33,613	20,904,424	69,309	137,311,332
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**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS.**

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)**

Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
<b>AIRCRAFT PROCUREMENT, ARMY</b>											
<b>FIXED WING</b>											
004	MQ-1 UAV .....	9	87,300	9	87,300	9	87,300			9	87,300
<b>ROTARY</b>											
006	AH-64 APACHE BLOCK IIIA REMAN .....	4	39,040	4	39,040	4	39,040			4	39,040
<b>MODIFICATION OF AIRCRAFT</b>											
015	MQ-1 PAYLOAD (MIP) .....		41,400		41,400		41,400				41,400
018	MULTI SENSOR ABN RECON (MIP) .....		33,475		33,475		33,475				33,475
023	EMARSS SEMA MODS (MIP) .....		36,000		36,000		36,000				36,000
027	COMMS, NAV SURVEILLANCE .....		4,289		4,289		4,289				4,289
<b>GROUND SUPPORT AVIONICS</b>											
033	CMWS .....		139,742		139,742		139,742				139,742
034	COMMON INFRARED COUNTERMEASURES (CIRCM) .....		43,440		43,440		43,440				43,440
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY .....</b>	<b>13</b>	<b>424,686</b>	<b>13</b>	<b>424,686</b>	<b>13</b>	<b>424,686</b>			<b>13</b>	<b>424,686</b>
<b>MISSILE PROCUREMENT, ARMY</b>											
<b>AIR-TO-SURFACE MISSILE SYSTEM</b>											
005	HELLFIRE SYS SUMMARY .....	2,927	278,073	2,927	278,073	2,927	278,073			2,927	278,073
<b>ANTI-TANK/ASSAULT MISSILE SYS</b>											
008	JAVELIN (AAWS-M) SYSTEM SUMMARY .....	47	8,112	47	8,112	47	8,112			47	8,112
009	TOW 2 SYSTEM SUMMARY .....	49	3,907	49	3,907	49	3,907			49	3,907
011	GUIDED MLRS ROCKET (GMLRS) .....	1,542	191,522	1,542	191,522	1,542	191,522			1,542	191,522
013	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) .....		41,000		41,000		41,000				41,000
014	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) .....	120	8,669	120	8,669	120	8,669			120	8,669
<b>MODIFICATIONS</b>											
018	STINGER MODS .....		28,000		28,000		28,000				28,000
	<b>TOTAL MISSILE PROCUREMENT, ARMY .....</b>	<b>4,685</b>	<b>559,283</b>	<b>4,685</b>	<b>559,283</b>	<b>4,685</b>	<b>559,283</b>			<b>4,685</b>	<b>559,283</b>
<b>PROCUREMENT OF W&amp;TCV, ARMY TRACKED COMBAT VEHICLES</b>											

001	BRADLEY PROGRAM .....	60	200,000	60	200,000	60	200,000	60	200,000
002	ARMORED MULTI PURPOSE VEHICLE (AMPV) .....	65	253,903	65	253,903	65	253,903	65	253,903
	<b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>								
006	BRADLEY PROGRAM (MOD) .....		30,000		30,000		30,000		30,000
008	PALADIN INTEGRATED MANAGEMENT (PIM) .....	12	125,736	12	125,736	12	125,736	12	125,736
014	M1 ABRAMS TANK (MOD) .....		138,700		138,700		138,700		138,700
015	ABRAMS UPGRADE PROGRAM .....	36	442,800	36	442,800	36	442,800	36	442,800
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY .....</b>	<b>173</b>	<b>1,191,139</b>	<b>173</b>	<b>1,191,139</b>	<b>173</b>	<b>1,191,139</b>	<b>173</b>	<b>1,191,139</b>
	<b>PROCUREMENT OF AMMUNITION, ARMY</b>								
	<b>SMALL/MEDIUM CAL AMMUNITION</b>								
003	CTG, HANDGUN, ALL TYPES .....		5		5		5		5
004	CTG, .50 CAL, ALL TYPES .....		121		121		121		121
005	CTG, 20MM, ALL TYPES .....		1,605		1,605		1,605		1,605
007	CTG, 30MM, ALL TYPES .....		35,000		35,000		35,000		35,000
	<b>ARTILLERY AMMUNITION</b>								
015	PROJ 155MM EXTENDED RANGE M982 .....	266	23,234	266	23,234	266	23,234	266	23,234
016	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....		20,023		20,023		20,023		20,023
	<b>MINES</b>								
017	MINES & CLEARING CHARGES, ALL TYPES .....		11,615		11,615		11,615		11,615
	<b>ROCKETS</b>								
019	SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....		25,000		25,000		25,000		25,000
020	ROCKET, HYDRA 70, ALL TYPES .....		75,820		75,820		75,820		75,820
	<b>OTHER AMMUNITION</b>								
024	SIGNALS, ALL TYPES .....		1,013		1,013		1,013		1,013
	<b>TOTAL PROCUREMENT OF AMMUNITION, ARMY .....</b>	<b>266</b>	<b>193,436</b>	<b>266</b>	<b>193,436</b>	<b>266</b>	<b>193,436</b>	<b>266</b>	<b>193,436</b>
	<b>OTHER PROCUREMENT, ARMY</b>								
	<b>TACTICAL VEHICLES</b>								
010	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) .....		25,874		25,874		25,874		25,874
012	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....		38,628		38,628		38,628		38,628
014	MODIFICATION OF IN SVC EQUIP .....		64,647		64,647		64,647		64,647
015	MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS .....		17,508		17,508		17,508		17,508
	<b>COMM—JOINT COMMUNICATIONS</b>								
020	SIGNAL MODERNIZATION PROGRAM .....		4,900		4,900		4,900		4,900
	<b>COMM—COMBAT COMMUNICATIONS</b>								
041	TRACTOR RIDE .....		1,000		1,000		1,000		1,000
	<b>COMM—BASE COMMUNICATIONS</b>								
062	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....		2,500		2,500		2,500		2,500
	<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>								

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)

Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
068	DCGS-A (MIP) .....		39,515		39,515		39,515				39,515
070	TROJAN (MIP) .....		21,310		21,310		21,310				21,310
071	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....		2,300		2,300		2,300				2,300
072	CI HUMINT AUTO REPRTING AND COLL(CHARCS) .....		14,460		14,460		14,460				14,460
075	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP) .....		5,180		5,180		5,180				5,180
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>										
080	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIE .....		16,935		16,935		16,935				16,935
081	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....		18,874		18,874		18,874				18,874
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>										
084	NIGHT VISION DEVICES .....		377		377		377				377
085	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....		60		60		60				60
087	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....		57,500		57,500		57,500				57,500
093	MOD OF IN-SVC EQUIP (LLDR) .....		3,974		3,974		3,974				3,974
095	MORTAR FIRE CONTROL SYSTEM .....		2,947		2,947		2,947				2,947
	<b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>										
098	AIR & MSL DEFENSE PLANNING & CONTROL SYS .....		9,100		9,100		9,100				9,100
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>										
119	BASE DEFENSE SYSTEMS (BDS) .....		3,726		3,726		3,726				3,726
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>										
136	HEATERS AND ECU'S .....		270		270		270				270
142	FIELD FEEDING EQUIPMENT .....		145		145		145				145
143	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....		1,980		1,980		1,980				1,980
	<b>MEDICAL EQUIPMENT</b>										
148	COMBAT SUPPORT MEDICAL .....		25,690		25,690		25,690				25,690
	<b>MAINTENANCE EQUIPMENT</b>										
149	MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....		1,124		1,124		1,124				1,124
	<b>CONSTRUCTION EQUIPMENT</b>										
153	HYDRAULIC EXCAVATOR .....		3,850		3,850		3,850				3,850
157	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....		1,932		1,932		1,932				1,932
	<b>GENERATORS</b>										
164	GENERATORS AND ASSOCIATED EQUIP .....		569		569		569				569
	<b>TRAINING EQUIPMENT</b>										
168	TRAINING DEVICES, NONSYSTEM .....		2,700		2,700		2,700				2,700



	<b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>									
173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....	7,500		7,500		7,500		7,500		7,500
	<b>OTHER SUPPORT EQUIPMENT</b>									
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	8,500		8,500		8,500		8,500		8,500
	<b>TOTAL OTHER PROCUREMENT, ARMY .....</b>	<b>405,575</b>		<b>405,575</b>		<b>405,575</b>		<b>405,575</b>		<b>405,575</b>
	<b>JOINT IMPROVISED-THREAT DEFEAT FUND</b>									
	<b>NETWORK ATTACK</b>									
001	RAPID ACQUISITION AND THREAT RESPONSE .....	483,058		483,058		483,058		483,058		483,058
	<b>TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND .....</b>	<b>483,058</b>		<b>483,058</b>		<b>483,058</b>		<b>483,058</b>		<b>483,058</b>
	<b>AIRCRAFT PROCUREMENT, NAVY</b>									
	<b>OTHER AIRCRAFT</b>									
027	STUASLO UAV .....	3,900		3,900		3,900		3,900		3,900
	<b>MODIFICATION OF AIRCRAFT</b>									
034	H-53 SERIES .....	950		950		950		950		950
035	SH-60 SERIES .....	15,382		15,382		15,382		15,382		15,382
037	EP-3 SERIES .....	7,220		7,220		7,220		7,220		7,220
047	SPECIAL PROJECT AIRCRAFT .....	19,855		19,855		19,855		19,855		19,855
051	COMMON ECM EQUIPMENT .....	75,530		75,530		75,530		75,530		75,530
062	QRC .....	15,150		15,150		15,150		15,150		15,150
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>									
064	SPARES AND REPAIR PARTS .....	18,850		18,850		18,850		18,850		18,850
	<b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>									
066	AIRCRAFT INDUSTRIAL FACILITIES .....	463		463		463		463		463
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY .....</b>	<b>157,300</b>		<b>157,300</b>		<b>157,300</b>		<b>157,300</b>		<b>157,300</b>
	<b>WEAPONS PROCUREMENT, NAVY</b>									
	<b>STRATEGIC MISSILES</b>									
003	TOMAHAWK .....	66	100,086	66	100,086	66	100,086	66	100,086	66
	<b>TACTICAL MISSILES</b>									
007	STANDARD MISSILE .....	8	35,208	8	35,208	8	35,208	8	35,208	8
011	HELLFIRE .....	110	8,771	110	8,771	110	8,771	110	8,771	110
012	LASER MAVERICK .....		5,040		5,040		5,040		5,040	
	<b>MODIFICATION OF MISSILES</b>									
017	ESSM .....	1	1,768	1	1,768	1	1,768	1	1,768	1
	<b>GUNS AND GUN MOUNTS</b>									
035	SMALL ARMS AND WEAPONS .....		1,500		1,500		1,500		1,500	
	<b>TOTAL WEAPONS PROCUREMENT, NAVY .....</b>	<b>185</b>	<b>152,373</b>	<b>185</b>	<b>152,373</b>	<b>185</b>	<b>152,373</b>	<b>185</b>	<b>152,373</b>	<b>185</b>

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)

Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>											
<b>NAVY AMMUNITION</b>											
001	GENERAL PURPOSE BOMBS .....		74,021		74,021		74,021				74,021
002	JDAM .....	4,717	106,941	4,717	106,941	4,717	106,941			4,717	106,941
003	AIRBORNE ROCKETS, ALL TYPES .....		1,184		1,184		1,184				1,184
007	AIR EXPENDABLE COUNTERMEASURES .....		15,700		15,700		15,700				15,700
008	JATOS .....		540		540		540				540
012	OTHER SHIP GUN AMMUNITION .....		19,689		19,689		19,689				19,689
013	SMALL ARMS & LANDING PARTY AMMO .....		1,963		1,963		1,963				1,963
014	PYROTECHNIC AND DEMOLITION .....		765		765		765				765
016	AMMUNITION LESS THAN \$5 MILLION .....		866		866		866				866
<b>MARINE CORPS AMMUNITION</b>											
020	MORTARS .....		1,290		1,290		1,290				1,290
023	DIRECT SUPPORT MUNITIONS .....		1,355		1,355		1,355				1,355
024	INFANTRY WEAPONS AMMUNITION .....		1,854		1,854		1,854				1,854
033	ARTILLERY MUNITIONS .....		10,272		10,272		10,272				10,272
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC .....</b>	<b>4,717</b>	<b>236,440</b>	<b>4,717</b>	<b>236,440</b>	<b>4,717</b>	<b>236,440</b>			<b>4,717</b>	<b>236,440</b>
<b>OTHER PROCUREMENT, NAVY</b>											
<b>OTHER SHIPBOARD EQUIPMENT</b>											
025	UNDERWATER EOD PROGRAMS .....		12,348		12,348		12,348				12,348
<b>SMALL BOATS</b>											
032	STANDARD BOATS .....		18,000		18,000		18,000				18,000
<b>SHIP SONARS</b>											
046	SSN ACOUSTIC EQUIPMENT .....		43,500		43,500		43,500				43,500
<b>AVIATION ELECTRONIC EQUIPMENT</b>											
078	NAVAL MISSION PLANNING SYSTEMS .....		2,550		2,550		2,550				2,550
<b>OTHER SHORE ELECTRONIC EQUIPMENT</b>											
080	TACTICAL/MOBILE C4I SYSTEMS .....		7,900		7,900		7,900				7,900
081	DCGS-N .....		6,392		6,392		6,392				6,392
<b>CRYPTOGRAPHIC EQUIPMENT</b>											
100	MIO INTEL EXPLOITATION TEAM .....		3,100		3,100		3,100				3,100
<b>CRYPTOLOGIC EQUIPMENT</b>											

101	CRYPTOLOGIC COMMUNICATIONS EQUIP .....	2,280	2,280	2,280	2,280
	<b>AIRCRAFT SUPPORT EQUIPMENT</b>				
119	AVIATION SUPPORT EQUIPMENT .....	29,245	29,245	29,245	29,245
	<b>SHIP MISSILE SYSTEMS EQUIPMENT</b>				
121	SHIP MISSILE SUPPORT EQUIPMENT .....	2,436	2,436	2,436	2,436
	<b>ASW SUPPORT EQUIPMENT</b>				
125	ASW SUPPORT EQUIPMENT .....	28,400	28,400	28,400	28,400
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>				
126	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	31,970	31,970	31,970	31,970
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>				
132	GENERAL PURPOSE TRUCKS .....	496	496	496	496
134	FIRE FIGHTING EQUIPMENT .....	2,304	2,304	2,304	2,304
135	TACTICAL VEHICLES .....	2,336	2,336	2,336	2,336
	<b>SUPPLY SUPPORT EQUIPMENT</b>				
141	SUPPLY EQUIPMENT .....	164	164	164	164
143	FIRST DESTINATION TRANSPORTATION .....	420	420	420	420
	<b>COMMAND SUPPORT EQUIPMENT</b>				
147	COMMAND SUPPORT EQUIPMENT .....	21,650	21,650	21,650	21,650
152	OPERATING FORCES SUPPORT EQUIPMENT .....	15,800	15,800	15,800	15,800
154	ENVIRONMENTAL SUPPORT EQUIPMENT .....	1,000	1,000	1,000	1,000
155	PHYSICAL SECURITY EQUIPMENT .....	15,890	15,890	15,890	15,890
	<b>CLASSIFIED PROGRAMS</b>				
161A	CLASSIFIED PROGRAMS .....	2,200	2,200	2,200	2,200
	<b>SPARES AND REPAIR PARTS</b>				
161	SPARES AND REPAIR PARTS .....	1,178	1,178	1,178	1,178
	<b>TOTAL OTHER PROCUREMENT, NAVY</b> .....	<b>251,559</b>	<b>251,559</b>	<b>251,559</b>	<b>251,559</b>
	<b>PROCUREMENT, MARINE CORPS</b>				
	<b>ARTILLERY AND OTHER WEAPONS</b>				
006	HIGH MOBILITY ARTILLERY ROCKET SYSTEM .....	5,360	5,360	5,360	5,360
	<b>GUIDED MISSILES</b>				
011	JAVELIN .....	2,833	2,833	2,833	2,833
012	FOLLOW ON TO SMAW .....	49	49	49	49
013	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H) .....	5,024	5,024	5,024	5,024
	<b>REPAIR AND TEST EQUIPMENT</b>				
017	REPAIR AND TEST EQUIPMENT .....	8,241	8,241	8,241	8,241
	<b>OTHER SUPPORT (TEL)</b>				
019	MODIFICATION KITS .....	750	750	750	750
	<b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>				
020	ITEMS UNDER \$5 MILLION (COMM & ELEC) .....	200	200	200	200

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS  
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Line	Item	FY 2018 Request		House Authorized		Senate Authorized		Conference Change		Conference Authorized	
		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
<b>RADAR + EQUIPMENT (NON-TEL)</b>											
024	RQ-21 UAS .....		8,400		8,400		8,400				8,400
<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>											
026	FIRE SUPPORT SYSTEM .....		50		50		50				50
027	INTELLIGENCE SUPPORT EQUIPMENT .....		3,000		3,000		3,000				3,000
<b>OTHER SUPPORT (NON-TEL)</b>											
037	COMMAND POST SYSTEMS .....		5,777		5,777		5,777				5,777
038	RADIO SYSTEMS .....		4,590		4,590		4,590				4,590
<b>ENGINEER AND OTHER EQUIPMENT</b>											
053	EOD SYSTEMS .....		21,000		21,000		21,000				21,000
	<b>TOTAL PROCUREMENT, MARINE CORPS .....</b>	<b>11</b>	<b>65,274</b>	<b>11</b>	<b>65,274</b>	<b>11</b>	<b>65,274</b>			<b>11</b>	<b>65,274</b>
<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>											
<b>OTHER AIRCRAFT</b>											
017	MQ-9 .....	16	271,080	16	271,080	16	271,080			16	271,080
<b>AIRLIFT AIRCRAFT</b>											
033	C-17A .....		26,850		26,850		26,850				26,850
<b>OTHER AIRCRAFT</b>											
048	C-130J MODS .....		8,400		8,400		8,400				8,400
051	COMPASS CALL MODS .....		56,720		56,720		56,720				56,720
056	E-8 .....		3,000		3,000		3,000				3,000
062	HC/MC-130 MODIFICATIONS .....		153,080		153,080		153,080				153,080
063	OTHER AIRCRAFT .....		10,381		10,381		10,381				10,381
065	MQ-9 MODS .....		56,400		56,400		56,400				56,400
<b>AIRCRAFT SPARES AND REPAIR PARTS</b>											
067	INITIAL SPARES/REPAIR PARTS .....		129,450		129,450		129,450				129,450
<b>COMMON SUPPORT EQUIPMENT</b>											
068	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....		25,417		25,417		25,417				25,417
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE .....</b>	<b>16</b>	<b>740,778</b>	<b>16</b>	<b>740,778</b>	<b>16</b>	<b>740,778</b>			<b>16</b>	<b>740,778</b>
<b>MISSILE PROCUREMENT, AIR FORCE</b>											
<b>TACTICAL</b>											
006	PREDATOR HELLFIRE MISSILE .....	3,230	294,480	3,230	294,480	3,230	294,480			3,230	294,480

007	SMALL DIAMETER BOMB .....	2,273	90,920	2,273	90,920	2,273	90,920	2,273	90,920
	<b>CLASS IV</b>								
011	AGM-65D MAVERICK .....		10,000		10,000		10,000		10,000
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE .....</b>	<b>5,503</b>	<b>395,400</b>	<b>5,503</b>	<b>395,400</b>	<b>5,503</b>	<b>395,400</b>	<b>5,503</b>	<b>395,400</b>
	<b>SPACE PROCUREMENT, AIR FORCE</b>								
	<b>SPACE PROGRAMS</b>								
010	MILSATCOM .....		2,256		2,256		2,256		2,256
	<b>TOTAL SPACE PROCUREMENT, AIR FORCE .....</b>		<b>2,256</b>		<b>2,256</b>		<b>2,256</b>		<b>2,256</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>								
	<b>ROCKETS</b>								
001	ROCKETS .....		49,050		49,050		49,050		49,050
	<b>CARTRIDGES</b>								
002	CARTRIDGES .....		11,384		11,384		11,384		11,384
	<b>BOMBS</b>								
006	JOINT DIRECT ATTACK MUNITION .....	16,990	390,577	16,990	390,577	16,990	390,577	16,990	390,577
	<b>FLARES</b>								
015	FLARES .....		3,498		3,498		3,498		3,498
	<b>FUZES</b>								
016	FUZES .....		47,000		47,000		47,000		47,000
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE .....</b>	<b>16,990</b>	<b>501,509</b>	<b>16,990</b>	<b>501,509</b>	<b>16,990</b>	<b>501,509</b>	<b>16,990</b>	<b>501,509</b>
	<b>OTHER PROCUREMENT, AIR FORCE</b>								
	<b>PASSENGER CARRYING VEHICLES</b>								
001	PASSENGER CARRYING VEHICLES .....		3,855		3,855		3,855		3,855
	<b>CARGO AND UTILITY VEHICLES</b>								
004	CARGO AND UTILITY VEHICLES .....		1,882		1,882		1,882		1,882
	<b>SPECIAL PURPOSE VEHICLES</b>								
005	SECURITY AND TACTICAL VEHICLES .....		1,100		1,100		1,100		1,100
006	SPECIAL PURPOSE VEHICLES .....		32,479		32,479		32,479		32,479
	<b>FIRE FIGHTING EQUIPMENT</b>								
007	FIRE FIGHTING/CRASH RESCUE VEHICLES .....		22,583		22,583		22,583		22,583
	<b>MATERIALS HANDLING EQUIPMENT</b>								
008	MATERIALS HANDLING VEHICLES .....		5,353		5,353		5,353		5,353
	<b>BASE MAINTENANCE SUPPORT</b>								
009	RUNWAY SNOW REMOV & CLEANING EQUIP .....		11,315		11,315		11,315		11,315
010	BASE MAINTENANCE SUPPORT VEHICLES .....		40,451		40,451		40,451		40,451
	<b>INTELLIGENCE PROGRAMS</b>								
013	INTERNATIONAL INTEL TECH & ARCHITECTURES .....		8,873		8,873		8,873		8,873

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		Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
015	INTELLIGENCE COMM EQUIPMENT .....		2,000		2,000		2,000				2,000
	<b>ELECTRONICS PROGRAMS</b>										
016	AIR TRAFFIC CONTROL & LANDING SYS .....		56,500		56,500		56,500				56,500
019	THEATER AIR CONTROL SYS IMPROVEMENTS .....		4,970		4,970		4,970				4,970
	<b>SPCL COMM-ELECTRONICS PROJECTS</b>										
029	AIR FORCE PHYSICAL SECURITY SYSTEM .....		3,000		3,000		3,000				3,000
	<b>ORGANIZATION AND BASE</b>										
048	BASE COMM INFRASTRUCTURE .....		55,000		55,000		55,000				55,000
	<b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>										
051	ITEMS LESS THAN \$5 MILLION .....		8,469		8,469		8,469				8,469
	<b>BASE SUPPORT EQUIPMENT</b>										
053	BASE PROCURED EQUIPMENT .....		7,500		7,500		7,500				7,500
054	ENGINEERING AND EOD EQUIPMENT .....		80,427		80,427		80,427				80,427
056	ITEMS LESS THAN \$5 MILLION .....		110,405		110,405		110,405				110,405
	<b>SPECIAL SUPPORT PROJECTS</b>										
058	DARP RC135 .....		700		700		700				700
059	DCGS-AF .....		9,200		9,200		9,200				9,200
	<b>CLASSIFIED PROGRAMS</b>										
062A	CLASSIFIED PROGRAMS .....		3,542,825		3,542,825		3,542,825				3,542,825
	<b>TOTAL OTHER PROCUREMENT, AIR FORCE</b> .....		<b>4,008,887</b>		<b>4,008,887</b>		<b>4,008,887</b>				<b>4,008,887</b>
	<b>PROCUREMENT, DEFENSE-WIDE</b>										
	<b>MAJOR EQUIPMENT, DISA</b>										
008	TELEPORT PROGRAM .....		1,979		1,979		1,979				1,979
018	DEFENSE INFORMATION SYSTEMS NETWORK .....		12,000		12,000		12,000				12,000
	<b>MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY</b>										
034	IRON DOME .....				50,000						
	Additional funds for Iron Dome Tamir interceptors .....				(50,000)						
	<b>CLASSIFIED PROGRAMS</b>										
045A	CLASSIFIED PROGRAMS .....		43,653		43,653		43,653				43,653
	<b>AVIATION PROGRAMS</b>										
046	MANNED ISR .....		15,900		15,900		15,900				15,900
047	MC-12 .....		20,000		20,000		20,000				20,000

050	UNMANNED ISR .....	38,933	38,933	38,933		38,933
051	NON-STANDARD AVIATION .....	9,600	9,600	9,600		9,600
052	U-28 .....	8,100	8,100	8,100	14,800	22,900
	Program increase—combat loss replacement .....				[14,800]	
053	MH-47 CHINOOK .....	10,270	10,270	10,270		10,270
057	MQ-9 UNMANNED AERIAL VEHICLE .....	19,780	19,780	19,780		19,780
061	C-130 MODIFICATIONS .....	3,750	3,750	3,750		3,750
	<b>AMMUNITION PROGRAMS</b>					
063	ORDNANCE ITEMS <\$5M .....	62,643	62,643	62,643		62,643
	<b>OTHER PROCUREMENT PROGRAMS</b>					
064	INTELLIGENCE SYSTEMS .....	12,000	12,000	12,000		12,000
069	TACTICAL VEHICLES .....	38,527	38,527	38,527		38,527
070	WARRIOR SYSTEMS <\$5M .....	20,215	20,215	20,215		20,215
073	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	7,134	7,134	7,134		7,134
075	OPERATIONAL ENHANCEMENTS .....	193,542	211,067	209,442	15,900	209,442
	UFR: Joint Task Force Platform Expansion .....		[15,900]	[15,900]		
	Unfunded requirement- Joint Task Force Platform Expansion .....				[15,900]	
	Unfunded requirement- Publicly Available Information (PAI) Capability Acceleration .....		[1,625]			
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE .....</b>	<b>518,026</b>	<b>585,551</b>	<b>533,926</b>	<b>30,700</b>	<b>548,726</b>
	<b>NATIONAL GUARD AND RESERVE EQUIPMENT</b>					
	<b>UNDISTRIBUTED</b>					
007	UNDISTRIBUTED .....		500,000			
	Program increase .....		[500,000]			
	<b>TOTAL NATIONAL GUARD AND RESERVE EQUIPMENT .....</b>		<b>500,000</b>			
	<b>UNDISTRIBUTED</b>					
	<b>UNDISTRIBUTED</b>					
010	UNDISTRIBUTED .....		-1,870,644	-1,870,600		
	ERI costs transfer from OCO to base .....		[-1,870,644]	[-1,870,600]		
	<b>TOTAL UNDISTRIBUTED .....</b>		<b>-1,870,644</b>	<b>-1,870,600</b>		
	<b>TOTAL PROCUREMENT .....</b>	<b>32,559</b>	<b>10,286,979</b>	<b>32,559</b>	<b>8,983,860</b>	<b>32,559</b>
					<b>8,432,279</b>	<b>10,317,679</b>

## TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

### SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION.

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION (In Thousands of Dollars)							
Line	Program Element	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY</b>							
<b>BASIC RESEARCH</b>							
001	0601101A	IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....	12,010	12,010	12,010		12,010
002	0601102A	DEFENSE RESEARCH SCIENCES .....	263,590	263,590	273,590		263,590
		Basic research program increase .....			[10,000]		
003	0601103A	UNIVERSITY RESEARCH INITIATIVES .....	67,027	67,027	67,027		67,027
004	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS .....	87,395	87,395	92,395	5,000	92,395
		Basic research program increase .....			[5,000]	[5,000]	
		<b>SUBTOTAL BASIC RESEARCH .....</b>	<b>430,022</b>	<b>430,022</b>	<b>445,022</b>	<b>5,000</b>	<b>435,022</b>
<b>APPLIED RESEARCH</b>							
005	0602105A	MATERIALS TECHNOLOGY .....	29,640	29,640	39,640		29,640
		Strategic materials .....			[10,000]		
006	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY .....	35,730	35,730	35,730		35,730
007	0602122A	TRACTOR HIP .....	8,627	8,627	8,627		8,627
008	0602211A	AVIATION TECHNOLOGY .....	66,086	66,086	61,086		66,086
		General program reduction .....			[−5,000]		
009	0602270A	ELECTRONIC WARFARE TECHNOLOGY .....	27,144	27,144	27,144		27,144
010	0602303A	MISSILE TECHNOLOGY .....	43,742	43,742	43,742		43,742



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011	0602307A	ADVANCED WEAPONS TECHNOLOGY .....	22,785	22,785	22,785		22,785
012	0602308A	ADVANCED CONCEPTS AND SIMULATION .....	28,650	28,650	28,650		28,650
013	0602601A	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY .....	67,232	67,232	67,232		67,232
014	0602618A	BALLISTICS TECHNOLOGY .....	85,309	85,309	85,309		85,309
015	0602622A	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY .....	4,004	4,004	4,004		4,004
016	0602623A	JOINT SERVICE SMALL ARMS PROGRAM .....	5,615	5,615	5,615		5,615
017	0602624A	WEAPONS AND MUNITIONS TECHNOLOGY .....	41,455	41,455	41,455		41,455
018	0602705A	ELECTRONICS AND ELECTRONIC DEVICES .....	58,352	60,352	58,352	2,000	60,352
		Program increase .....		[2,000]		[2,000]	
019	0602709A	NIGHT VISION TECHNOLOGY .....	34,723	34,723	34,723		34,723
020	0602712A	COUNTERMINE SYSTEMS .....	26,190	26,190	26,190		26,190
021	0602716A	HUMAN FACTORS ENGINEERING TECHNOLOGY .....	24,127	24,127	24,127		24,127
022	0602720A	ENVIRONMENTAL QUALITY TECHNOLOGY .....	21,678	21,678	21,678		21,678
023	0602782A	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY .....	33,123	33,123	38,123		33,123
		Position, navigation, and timing technologies .....			[5,000]		
024	0602783A	COMPUTER AND SOFTWARE TECHNOLOGY .....	14,041	14,041	14,041		14,041
025	0602784A	MILITARY ENGINEERING TECHNOLOGY .....	67,720	67,720	67,720		67,720
026	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY .....	20,216	20,216	20,216		20,216
027	0602786A	WARFIGHTER TECHNOLOGY .....	39,559	44,559	39,559	5,000	44,559
		Program increase .....		[5,000]		[5,000]	
028	0602787A	MEDICAL TECHNOLOGY .....	83,434	83,434	83,434		83,434
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>889,182</b>	<b>896,182</b>	<b>899,182</b>	<b>7,000</b>	<b>896,182</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>					
029	0603001A	WARFIGHTER ADVANCED TECHNOLOGY .....	44,863	44,863	44,863		44,863
030	0603002A	MEDICAL ADVANCED TECHNOLOGY .....	67,780	67,780	67,780		67,780
031	0603003A	AVIATION ADVANCED TECHNOLOGY .....	160,746	160,746	140,746		160,746
		Platform design & structure systems .....			[-20,000]		
032	0603004A	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY .....	84,079	84,079	84,079		84,079
033	0603005A	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY .....	125,537	125,537	125,537		125,537
034	0603006A	SPACE APPLICATION ADVANCED TECHNOLOGY .....	12,231	12,231	12,231		12,231
035	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY .....	6,466	6,466	6,466		6,466

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Line	Program Element	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
036	0603009A	TRACTOR HIKE .....	40,552	40,552	40,552		40,552
037	0603015A	NEXT GENERATION TRAINING & SIMULATION SYSTEMS .....	16,434	16,434	16,434		16,434
039	0603125A	COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT .....	26,903	26,903	26,903		26,903
040	0603130A	TRACTOR NAIL .....	4,880	4,880	4,880		4,880
041	0603131A	TRACTOR EGGS .....	4,326	4,326	4,326		4,326
042	0603270A	ELECTRONIC WARFARE TECHNOLOGY .....	31,296	34,296	31,296		31,296
		Multi-Domain Battle Exercise Capability .....		[3,000]			
043	0603313A	MISSILE AND ROCKET ADVANCED TECHNOLOGY .....	62,850	72,850	62,850	2,000	64,850
		Simulation upgrades for land based anti-ship missile development ...		[10,000]		[2,000]	
044	0603322A	TRACTOR CAGE .....	12,323	12,323	12,323		12,323
045	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM .....	182,331	182,331	222,331		182,331
		Program increase .....			[40,000]		
046	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY .....	17,948	17,948	17,948		17,948
047	0603607A	JOINT SERVICE SMALL ARMS PROGRAM .....	5,796	5,796	5,796		5,796
048	0603710A	NIGHT VISION ADVANCED TECHNOLOGY .....	47,135	47,135	47,135		47,135
049	0603728A	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS .....	10,421	10,421	10,421		10,421
050	0603734A	MILITARY ENGINEERING ADVANCED TECHNOLOGY .....	32,448	32,448	27,448	-5,000	27,448
		Combat engineering system .....			[-5,000]	[-5,000]	
051	0603772A	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY .....	52,206	52,206	52,206		52,206
052	0603794A	C3 ADVANCED TECHNOLOGY .....	33,426	33,426	33,426		33,426
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT .....</b>	<b>1,082,977</b>	<b>1,095,977</b>	<b>1,097,977</b>	<b>-3,000</b>	<b>1,079,977</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>					
053	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION .....	9,634	9,634	9,634		9,634
055	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	42,649	42,649	42,649		42,649
056	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV .....	72,909	72,909	72,909		72,909
057	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV .....	7,135	7,135	7,135		7,135

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058	0603639A	TANK AND MEDIUM CALIBER AMMUNITION .....	41,452	47,902	65,902	30,900	72,352
		UFR: Munitions and CM development .....			[24,450]	[24,450]	
		Unfunded requirement—JLTV lethality 30mm upgrade .....		[4,000]		[4,000]	
		Unfunded requirement—RF countermeasures .....		[2,450]		[2,450]	
059	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV .....	32,739	54,739	102,739	50,000	82,739
		Unfunded requirement .....		[22,000]	[70,000]	[50,000]	
060	0603747A	SOLDIER SUPPORT AND SURVIVABILITY .....	10,157	10,157	10,157		10,157
061	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV .....	27,733	29,353	29,353	1,620	29,353
		UFR: Funds of the Advanced Miniaturized Data Acquisition System- Next.		[1,620]	[1,620]	[1,620]	
062	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT .....	12,347	12,347	12,347		12,347
063	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL .....	10,456	10,456	10,456		10,456
064	0603790A	NATO RESEARCH AND DEVELOPMENT .....	2,588	2,588	2,588		2,588
065	0603801A	AVIATION—ADV DEV .....	14,055	14,055	14,055		14,055
066	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV .....	35,333	35,333	35,333		35,333
067	0603807A	MEDICAL SYSTEMS—ADV DEV .....	33,491	33,491	33,491		33,491
068	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT .....	20,239	45,239	20,239	15,000	35,239
		Enhanced lightweight body armor and combat helmets technology .....		[25,000]		[15,000]	
069	0604017A	ROBOTICS DEVELOPMENT .....	39,608	39,608	44,608		39,608
		UFR: Accelerate armed Robotic Wingman development .....			[5,000]		
070	0604100A	ANALYSIS OF ALTERNATIVES .....	9,921	9,921	9,921		9,921
071	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR .....	76,728	76,728	76,728		76,728
072	0604115A	TECHNOLOGY MATURATION INITIATIVES .....	115,221	98,221	115,221		115,221
		Program decrease .....		[-2,000]			
		Program Reduction .....		[-15,000]			
073	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD) .....	20,000	20,000	20,000		20,000
074	0604118A	TRACTOR BEAM .....	10,400	10,400	10,400		10,400
075	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT) .....	164,967	164,967	165,093		164,967
		UFR: Fully funds Anti-Jam Antenna development and testing .....			[126]		
076	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING .....	1,600	1,600	1,600		1,600
077	0604319A	INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2—INTERCEPT (IFPC2) .....	11,303	11,303	11,303		11,303
078	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT .....	56,492	56,492	56,492		56,492

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Line	Program Element	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
079	1206308A	ARMY SPACE SYSTEMS INTEGRATION .....	20,432	20,432	20,432		20,432
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES .....</b>	<b>899,589</b>	<b>937,659</b>	<b>1,000,785</b>	<b>97,520</b>	<b>997,109</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>					
080	0604201A	AIRCRAFT AVIONICS .....	30,153	42,153	42,153	12,000	42,153
		UFR: Funds implementation of Assured Position, Navigation, and Timing (A-PNT).		[12,000]	[12,000]	[12,000]	
081	0604270A	ELECTRONIC WARFARE DEVELOPMENT .....	71,671	71,671	71,671		71,671
083	0604290A	MID-TIER NETWORKING VEHICULAR RADIO (MNVVR) .....	10,589	10,589	10,589		10,589
084	0604321A	ALL SOURCE ANALYSIS SYSTEM .....	4,774	4,774	4,774		4,774
085	0604328A	TRACTOR CAGE .....	17,252	30,252	30,252	13,000	30,252
		UFR: Provides the Army's Cyber Mission Force (CMF) with classified cyber tools.		[13,000]	[13,000]	[13,000]	
086	0604601A	INFANTRY SUPPORT WEAPONS .....	87,643	89,243	93,643	1,150	88,793
		Program reduction- obligation delays .....		[-5,000]			
		UFR: Acceleration of qualification of XM914 and XM913 .....		[6,600]	[6,000]	[6,000]	
		XM-25 contract termination .....				[-4,850]	
087	0604604A	MEDIUM TACTICAL VEHICLES .....	6,039	6,039	6,039		6,039
088	0604611A	JAVELIN .....	21,095	21,095	21,095		21,095
089	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES .....	10,507	10,507	10,507		10,507
090	0604633A	AIR TRAFFIC CONTROL .....	3,536	3,536	3,536		3,536
092	0604642A	LIGHT TACTICAL WHEELED VEHICLES .....	7,000	7,000	7,000		7,000
093	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV .....	36,242	36,242	36,242		36,242
094	0604710A	NIGHT VISION SYSTEMS—ENG DEV .....	108,504	126,004	126,004	17,500	126,004
		UFR: Develop Thermal Weapon Sights .....		[17,500]	[17,500]	[17,500]	
095	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT .....	3,702	3,702	3,702		3,702
096	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV .....	43,575	43,575	43,575		43,575

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097	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV .....	28,726	28,726	28,726		28,726
098	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT .....	18,562	18,562	18,562		18,562
099	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT .....	8,344	8,344	8,344		8,344
100	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV .....	11,270	11,270	11,270		11,270
101	0604768A	BRILLIANT ANTI-ARMOR SUBMUNITION (BAT) .....	10,000	10,000	10,000		10,000
102	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE .....	18,566	18,566	18,566		18,566
103	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION .....	145,360	145,360	145,360		145,360
104	0604802A	WEAPONS AND MUNITIONS—ENG DEV .....	145,232	157,410	161,410	12,178	157,410
		UFR: 105mm Anti-Personnel / Wall Breach Ammunition .....		[8,000]	[8,000]	[8,000]	
		UFR: Devops the 40mm Low Velocity M320 Door Breaching cartridge .....		[4,178]	[4,178]	[4,178]	
		UFR: Testing for the Anti-Tank Confined Space Tandem Warhead .....				[4,000]	
105	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV .....	90,965	92,965	90,965		90,965
		Next generation vehicle camouflage technology .....		[2,000]			
106	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV .....	9,910	9,910	9,910		9,910
107	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV .....	39,238	39,238	39,238		39,238
108	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV .....	34,684	34,684	34,684		34,684
109	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE .....	164,409	188,409	164,409		164,409
		Unfunded requirement .....		[5,000]			
		Unfunded requirement—Assured Communications .....		[19,000]			
110	0604820A	RADAR DEVELOPMENT .....	32,968	32,968	32,968		32,968
111	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEB) .....	49,554	49,554	49,554		49,554
112	0604823A	FIREFINDER .....	45,605	45,605	45,605		45,605
113	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL .....	16,127	23,127	16,127		16,127
		Program increase- soldier power development initiatives .....		[7,000]			
114	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD .....	98,600	133,600	133,600	35,000	133,600
		UFR: Expands installation of Active Protection Systems .....		[25,000]	[25,000]	[25,000]	
		UFR: Modular Active Protection System .....		[10,000]	[10,000]	[10,000]	
115	0604854A	ARTILLERY SYSTEMS—EMD .....	1,972	3,972	3,972	2,000	3,972
		Unfunded requirement—IT3 demonstrator .....		[2,000]	[2,000]	[2,000]	
116	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT .....	81,776	81,776	81,776		81,776
117	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A) .....	172,361	187,361	172,361		172,361
		Unfunded Requirement .....		[15,000]			

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118	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV) .....	199,778	199,778	199,778		199,778
119	0605029A	INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C).	4,418	4,418	4,418		4,418
120	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC) .....	15,877	15,877	15,877		15,877
121	0605031A	JOINT TACTICAL NETWORK (JTN) .....	44,150	44,150	44,150		44,150
122	0605032A	TRACTOR TIRE .....	34,670	113,570	113,570	78,900	113,570
		UFR: Develops Offensive Cyber Operations capabilities .....		[78,900]	[78,900]	[78,900]	
123	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EXPEDITIONARY (GBOSS-E).	5,207	5,207	5,207		5,207
124	0605034A	TACTICAL SECURITY SYSTEM (TSS) .....	4,727	4,727	4,727		4,727
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	105,778	105,778	105,778		105,778
126	0605036A	COMBATING WEAPONS OF MASS DESTRUCTION (CWMD) .....	6,927	6,927	6,927		6,927
127	0605037A	EVIDENCE COLLECTION AND DETAINEE PROCESSING .....	214	214	214		214
128	0605038A	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE.	16,125	16,125	16,125		16,125
129	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT .....	55,165	55,165	55,165		55,165
130	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER) .....	20,076	20,076	20,076		20,076
131	0605047A	CONTRACT WRITING SYSTEM .....	20,322	20,322	22		20,322
		Consolidate requirements .....			[-20,300]		
132	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM) .....	55,810	210,810	210,810	155,000	210,810
		UFR: Supports Directed Requirement for Limited Interim Missile Warning System to detect Enemy (MANPADS).		[155,000]	[155,000]	[155,000]	
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT .....	30,879	30,879	30,879		30,879
134	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1 .....	175,069	175,069	175,069		175,069
135	0605053A	GROUND ROBOTICS .....	70,760	70,760	70,760		70,760
137	0605380A	AMF JOINT TACTICAL RADIO SYSTEM (JTRS) .....	8,965	8,965	8,965		8,965
138	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM) .....	34,626	34,626	34,626		34,626

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140	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD) .....	336,420	252,320	136,420	-84,100	252,320
		Program Reduction .....		[-84,100]	[-200,000]	[-84,100]	
143	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP) .....	6,882	9,382	9,382	2,500	9,382
		UFR: Funds development for Remote Ground Terminal .....		[2,500]	[2,500]	[2,500]	
144	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH. ....	23,467	23,467	23,467		23,467
145	0605830A	AVIATION GROUND SUPPORT EQUIPMENT .....	6,930	6,930	6,930		6,930
146	0210609A	PALADIN INTEGRATED MANAGEMENT (PIM) .....	6,112	6,112	6,112		6,112
147	0303032A	TROJAN—RH12 .....	4,431	4,431	4,431		4,431
150	0304270A	ELECTRONIC WARFARE DEVELOPMENT .....	14,616	14,616	14,616		14,616
151	1205117A	TRACTOR BEARS .....	17,928	17,928	17,928		17,928
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION .....</b>	<b>3,012,840</b>	<b>3,306,418</b>	<b>3,130,618</b>	<b>245,128</b>	<b>3,257,968</b>
		<b>RDT&amp;E MANAGEMENT SUPPORT</b>					
152	0604256A	THREAT SIMULATOR DEVELOPMENT .....	22,862	22,862	22,862		22,862
153	0604258A	TARGET SYSTEMS DEVELOPMENT .....	13,902	13,902	13,902		13,902
154	0604759A	MAJOR T&E INVESTMENT .....	102,901	102,901	102,901		102,901
155	0605103A	RAND ARROYO CENTER .....	20,140	20,140	20,140		20,140
156	0605301A	ARMY KWAJALEIN ATOLL .....	246,663	246,663	251,025		246,663
		UFR: Increases funding for facilities sustainment from 75% to 83% .....			[4,362]		
157	0605326A	CONCEPTS EXPERIMENTATION PROGRAM .....	29,820	29,820	29,820		29,820
159	0605601A	ARMY TEST RANGES AND FACILITIES .....	307,588	307,588	307,588		307,588
160	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS .....	49,242	49,242	49,242		49,242
161	0605604A	SURVIVABILITY/LETHALITY ANALYSIS .....	41,843	41,843	41,843		41,843
162	0605606A	AIRCRAFT CERTIFICATION .....	4,804	4,804	4,804		4,804
163	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES .....	7,238	7,238	7,238		7,238
164	0605706A	MATERIEL SYSTEMS ANALYSIS .....	21,890	21,890	21,890		21,890
165	0605709A	EXPLOITATION OF FOREIGN ITEMS .....	12,684	12,684	12,684		12,684
166	0605712A	SUPPORT OF OPERATIONAL TESTING .....	51,040	51,040	51,040		51,040
167	0605716A	ARMY EVALUATION CENTER .....	56,246	56,246	56,246		56,246
168	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG .....	1,829	1,829	1,829		1,829
169	0605801A	PROGRAMWIDE ACTIVITIES .....	55,060	55,060	55,060		55,060

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170	0605803A	TECHNICAL INFORMATION ACTIVITIES .....	33,934	33,934	33,934		33,934
171	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY .....	43,444	43,444	43,444		43,444
172	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT .....	5,087	5,087	5,087		5,087
173	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D - MHA .....	54,679	54,679	54,679		54,679
174	0606001A	MILITARY GROUND-BASED CREW TECHNOLOGY .....	7,916	7,916	7,916		7,916
175	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE .....	61,254	61,254	61,254		61,254
176	0303260A	DEFENSE MILITARY DECEPTION INITIATIVE .....	1,779	1,779	1,779		1,779
		<b>SUBTOTAL RDT&amp;E MANAGEMENT SUPPORT .....</b>	<b>1,253,845</b>	<b>1,253,845</b>	<b>1,258,207</b>		<b>1,253,845</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>					
178	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM .....	8,929	8,929	8,929		8,929
179	0603813A	TRACTOR PULL .....	4,014	4,014	4,014		4,014
180	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT .....	4,094	4,094	4,094		4,094
181	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS .....	15,738	15,738	15,738		15,738
182	0607133A	TRACTOR SMOKE .....	4,513	4,513	4,513		4,513
183	0607134A	LONG RANGE PRECISION FIRES (LRPF) .....	102,014	158,745	144,745	56,731	158,745
		UFR: Accelerates LRPF procurement from FY25 .....		[42,731]	[42,731]	[42,731]	
		Unfunded requirement—CDAEM Bridging Strategy - M999 T&E .....		[14,000]		[14,000]	
184	0607135A	APACHE PRODUCT IMPROVEMENT PROGRAM .....	59,977	59,977	59,977		59,977
185	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM .....	34,416	43,716	34,416	9,300	43,716
		Unfunded requirement—UH-60V development .....		[9,300]		[9,300]	
186	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM .....	194,567	194,567	194,567		194,567
187	0607138A	FIXED WING PRODUCT IMPROVEMENT PROGRAM .....	9,981	9,981	9,981		9,981
188	0607139A	IMPROVED TURBINE ENGINE PROGRAM .....	204,304	204,304	204,304		204,304
189	0607140A	EMERGING TECHNOLOGIES FROM NIE .....	1,023	1,023	1,023		1,023
190	0607141A	LOGISTICS AUTOMATION .....	1,504	1,504	1,504		1,504
191	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT .....	10,064	18,064	18,064	8,000	18,064



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		UFR: Qualifies M282 for use by AH-64 aircraft .....		[8,000]	[8,000]	[8,000]	
192	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS .....	38,463	38,463	38,463		38,463
193	0607665A	FAMILY OF BIOMETRICS .....	6,159	6,159	6,159		6,159
194	0607865A	PATRIOT PRODUCT IMPROVEMENT .....	90,217	90,217	180,217	90,000	180,217
		UFR: Funds Terminal High Altitude Area Defense (THAAD)/Missile Segment Enhanced (MSE) integration.			[90,000]	[90,000]	
195	0202429A	AEROSTAT JOINT PROJECT—COCOM EXERCISE .....	6,749	6,749	6,749		6,749
196	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCs) .....	33,520	33,520	33,520		33,520
197	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS .....	343,175	351,175	351,175	8,000	351,175
		Unfunded requirement—M88A2E1 .....		[8,000]	[8,000]	[8,000]	
198	0203740A	MANEUVER CONTROL SYSTEM .....	6,639	6,639	6,639		6,639
199	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS .....	40,784	40,784	40,784		40,784
200	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS .....	39,358	39,358	39,358		39,358
201	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....	145	145	145		145
202	0203758A	DIGITIZATION .....	4,803	4,803	4,803		4,803
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....	2,723	28,723	28,723	26,000	28,723
		UFR: Supports research for the Stinger Product Improvement Program (PIP).		[26,000]	[26,000]	[26,000]	
204	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS .....	5,000	5,000	5,000		5,000
205	0203808A	TRACTOR CARD .....	37,883	37,883	37,883		37,883
206	0205402A	INTEGRATED BASE DEFENSE—OPERATIONAL SYSTEM DEV .....		4,500			
		Unfunded requirement—modal passive detection system .....		[4,500]			
207	0205410A	MATERIALS HANDLING EQUIPMENT .....	1,582	1,582	1,582		1,582
208	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV .....	195	195	195		195
209	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM .....	78,926	78,926	78,926		78,926
210	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS) .....	102,807	102,807	102,807		102,807
213	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES .....	13,807	35,652	35,652	21,845	35,652
		UFR: Funds Offensive Cyber capabilities development .....		[21,845]	[21,845]	[21,845]	
214	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM .....	132,438	139,459	132,438		132,438
		Unfunded Requirement .....		[7,021]			
215	0303141A	GLOBAL COMBAT SUPPORT SYSTEM .....	64,370	64,370	64,370		64,370
217	0303150A	WWWCCS/GLOBAL COMMAND AND CONTROL SYSTEM .....	10,475	10,475	10,475		10,475

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220	0305172A	COMBINED ADVANCED APPLICATIONS .....	1,100	1,100	1,100		1,100
222	0305204A	TACTICAL UNMANNED AERIAL VEHICLES .....	9,433	9,433	9,433		9,433
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	5,080	5,080	5,080		5,080
224	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	24,700	24,700	4,700	-4,220	20,480
		Change in tactical requirements .....			[-20,000]		
		Historical underexecution .....				[-4,220]	
225	0305219A	MQ-1C GRAY EAGLE UAS .....	9,574	9,574	9,574		9,574
226	0305232A	RQ-11 UAV .....	2,191	2,191	2,191		2,191
227	0305233A	RQ-7 UAV .....	12,773	12,773	12,773		12,773
228	0307665A	BIOMETRICS ENABLED INTELLIGENCE .....	2,537	2,537	2,537		2,537
229	0310349A	WIN-T INCREMENT 2—INITIAL NETWORKING .....	4,723	4,723	723		4,723
		Change in tactical requirements .....			[-4,000]		
230	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES .....	60,877	65,877	60,877	5,000	65,877
		Development of improved manufacturing technology for separation, extraction, smelter, sintering, leaching, processing, beneficiation, or production of specialty metals such as lanthanide elements, yt- trium or scandium. ....		[5,000]		[5,000]	
231	1203142A	SATCOM GROUND ENVIRONMENT (SPACE) .....	11,959	11,959	11,959		11,959
232	1208053A	JOINT TACTICAL GROUND SYSTEM .....	10,228	10,228	10,228		10,228
232A	9999999999	CLASSIFIED PROGRAMS .....	7,154	7,154	7,154		7,154
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>	<b>1,877,685</b>	<b>2,024,082</b>	<b>2,050,261</b>	<b>220,656</b>	<b>2,098,341</b>
		<b>UNDISTRIBUTED</b>					
233	0901560A	UNDISTRIBUTED .....			45,000		
		Modernizing Army capabilities and Third Offset .....			[45,000]		
		<b>SUBTOTAL UNDISTRIBUTED .....</b>			<b>45,000</b>		

		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY .....</b>	<b>9,446,140</b>	<b>9,944,185</b>	<b>9,927,052</b>	<b>572,304</b>	<b>10,018,444</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY</b>					
		<b>BASIC RESEARCH</b>					
001	0601103N	UNIVERSITY RESEARCH INITIATIVES .....	118,130	138,130	123,130	10,000	128,130
		Defense University Research Instrumentation Program .....		[20,000]	[5,000]	[10,000]	
002	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....	19,438	19,438	19,438		19,438
003	0601153N	DEFENSE RESEARCH SCIENCES .....	458,333	458,333	458,333		458,333
		<b>SUBTOTAL BASIC RESEARCH .....</b>	<b>595,901</b>	<b>615,901</b>	<b>600,901</b>	<b>10,000</b>	<b>605,901</b>
		<b>APPLIED RESEARCH</b>					
004	0602114N	POWER PROJECTION APPLIED RESEARCH .....	13,553	13,553	13,553		13,553
005	0602123N	FORCE PROTECTION APPLIED RESEARCH .....	125,557	125,557	125,557		125,557
006	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY .....	53,936	53,936	53,936		53,936
007	0602235N	COMMON PICTURE APPLIED RESEARCH .....	36,450	36,450	36,450		36,450
008	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH .....	48,649	48,649	48,649		48,649
009	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH .....	79,598	79,598	79,598		79,598
010	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH .....	42,411	57,411	57,411	15,000	57,411
		AGOR SLEP .....		[15,000]	[15,000]	[15,000]	
011	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH .....	6,425	6,425	6,425		6,425
012	0602747N	UNDERSEA WARFARE APPLIED RESEARCH .....	56,094	56,094	81,094	10,000	66,094
		Program increase .....			[25,000]	[10,000]	
013	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH .....	156,805	156,805	156,805		156,805
014	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH .....	32,733	56,233	32,733	2,000	34,733
		MS-177A Maritime Sensor .....		[23,500]		[2,000]	
015	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH .....	171,146	171,146	161,146	-7,000	164,146
		General decrease .....			[-10,000]	[-7,000]	
016	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACITIVITIES .....	62,722	62,722	62,722		62,722
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>886,079</b>	<b>924,579</b>	<b>916,079</b>	<b>20,000</b>	<b>906,079</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>					
019	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY .....	26,342	26,342	26,342		26,342

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020	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY .....	9,360	9,360	9,360		9,360
021	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD) .....	154,407	154,407	149,407		154,407
		Futures directorate .....			[-5,000]		
022	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT .....	13,448	13,448	13,448		13,448
023	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT .....	231,772	231,772	226,772	-2,742	229,030
		Capable manpower, enterprise and platform enablers .....			[-5,000]	[-2,742]	
024	0603680N	MANUFACTURING TECHNOLOGY PROGRAM .....	57,797	67,797	57,797		57,797
		Program increase for manufacturing capability industrial partnerships for undersea vehicles.		[10,000]			
025	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY .....	4,878	4,878	4,878		4,878
027	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS .....	64,889	64,889	64,889		64,889
028	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY .....	15,164	15,164	30,164		15,164
		Maritime intelligence, surveillance, and reconnaissance technology .....			[15,000]		
029	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	108,285	132,285	123,285	25,000	133,285
		Program increase for railgun tactical demonstrator .....		[24,000]		[10,000]	
		Underwater unmanned vehicle prototypes .....			[15,000]	[15,000]	
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT .....</b>	<b>686,342</b>	<b>720,342</b>	<b>706,342</b>	<b>22,258</b>	<b>708,600</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>					
030	0603207N	AIR/OCEAN TACTICAL APPLICATIONS .....	48,365	48,365	48,365		48,365
031	0603216N	AVIATION SURVIVABILITY .....	5,566	5,566	5,566		5,566
033	0603251N	AIRCRAFT SYSTEMS .....	695	695	695		695
034	0603254N	ASW SYSTEMS DEVELOPMENT .....	7,661	7,661	7,661		7,661
035	0603261N	TACTICAL AIRBORNE RECONNAISSANCE .....	3,707	3,707	3,707		3,707
036	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY .....	61,381	61,381	61,381		61,381
037	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES .....	154,117	177,117	128,117	-36,000	118,117

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		LDUV .....		[23,000]			
		PLUS experimentation .....			[10,000]		
		Reduce Barracuda .....			[-16,000]	[-16,000]	
		Reduce Snakehead .....			[-20,000]	[-20,000]	
038	0603506N	SURFACE SHIP TORPEDO DEFENSE .....	14,974	14,974	14,974		14,974
039	0603512N	CARRIER SYSTEMS DEVELOPMENT .....	9,296	9,296	9,296		9,296
040	0603525N	PILOT FISH .....	132,083	132,083	132,083		132,083
041	0603527N	RETRACT LARCH .....	15,407	15,407	15,407		15,407
042	0603536N	RETRACT JUNIPER .....	122,413	122,413	122,413		122,413
043	0603542N	RADIOLOGICAL CONTROL .....	745	745	745		745
044	0603553N	SURFACE ASW .....	1,136	1,136	1,136		1,136
045	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT .....	100,955	100,955	100,955		100,955
046	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS .....	13,834	13,834	13,834		13,834
047	0603563N	SHIP CONCEPT ADVANCED DESIGN .....	36,891	36,891	36,891		36,891
048	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES .....	12,012	12,012	42,012	30,000	42,012
		Aircraft carrier preliminary design .....			[30,000]	[30,000]	
049	0603570N	ADVANCED NUCLEAR POWER SYSTEMS .....	329,500	329,500	329,500		329,500
050	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS .....	29,953	29,953	29,953		29,953
051	0603576N	CHALK EAGLE .....	191,610	191,610	191,610		191,610
052	0603581N	LITTORAL COMBAT SHIP (LCS) .....	40,991	40,991	33,991		40,991
		Excess program support .....			[-7,000]		
053	0603582N	COMBAT SYSTEM INTEGRATION .....	24,674	24,674	24,674		24,674
054	0603595N	OHIO REPLACEMENT .....	776,158	776,158	776,158		776,158
055	0603596N	LCS MISSION MODULES .....	116,871	116,871	116,871		116,871
056	0603597N	AUTOMATED TEST AND ANALYSIS .....	8,052	8,052	8,052		8,052
057	0603599N	FRIGATE DEVELOPMENT .....	143,450	143,450	143,450		143,450
058	0603609N	CONVENTIONAL MUNITIONS .....	8,909	8,909	8,909		8,909
060	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM .....	1,428	1,428	1,428		1,428
061	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	53,367	53,367	53,367		53,367
063	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT .....	8,212	8,212	8,212		8,212
064	0603721N	ENVIRONMENTAL PROTECTION .....	20,214	20,214	20,214		20,214
065	0603724N	NAVY ENERGY PROGRAM .....	50,623	50,623	50,623	-25,000	25,623

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		Program strategy change .....				[-25,000]	
066	0603725N	FACILITIES IMPROVEMENT .....	2,837	2,837	2,837		2,837
067	0603734N	CHALK CORAL .....	245,143	245,143	245,143		245,143
068	0603739N	NAVY LOGISTIC PRODUCTIVITY .....	2,995	2,995	2,995		2,995
069	0603746N	RETRACT MAPLE .....	306,101	306,101	306,101		306,101
070	0603748N	LINK PLUMERIA .....	253,675	253,675	253,675		253,675
071	0603751N	RETRACT ELM .....	55,691	55,691	55,691		55,691
072	0603764N	LINK EVERGREEN .....	48,982	48,982	48,982		48,982
074	0603790N	NATO RESEARCH AND DEVELOPMENT .....	9,099	9,099	9,099		9,099
075	0603795N	LAND ATTACK TECHNOLOGY .....	33,568	33,568	33,568		33,568
076	0603851M	JOINT NON-LETHAL WEAPONS TESTING .....	29,873	29,873	29,873		29,873
077	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/VAL .....	106,391	106,391	106,391		106,391
078	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS .....	107,310	133,310	107,310	15,000	122,310
		Program increase for railgun tactical demonstrator .....		[26,000]		[15,000]	
079	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80) .....	83,935	83,935	83,935		83,935
081	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM) .....	46,844	46,844	46,844		46,844
083	0604286M	MARINE CORPS ADDITIVE MANUFACTURING TECHNOLOGY DEVELOPMENT .....	6,200	6,200	6,200		6,200
085	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE .....	7,055	7,055	17,055	10,000	17,055
		Increase rapid acquisition capability for Marine Corps Warfighting Lab.			[10,000]	[10,000]	
086	0604454N	LX (R) .....	9,578	9,578	9,578		9,578
087	0604536N	ADVANCED UNDERSEA PROTOTYPING .....	66,543	76,543	13,643		66,543
		Funding early to need .....				[-52,900]	
		XLUUV .....		[10,000]			
089	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM .....	31,315	31,315	31,315		31,315
090	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT.	42,851	42,851	42,851		42,851

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091	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT .....	160,694	160,694	160,694		160,694
093	0303354N	ASW SYSTEMS DEVELOPMENT—MIP .....	8,278	8,278	8,278		8,278
094	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM .....	7,979	7,979	7,979		7,979
095	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP .....	527	527	527		527
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES .....</b>	<b>4,218,714</b>	<b>4,277,714</b>	<b>4,172,814</b>	<b>-6,000</b>	<b>4,212,714</b>
<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>							
096	0603208N	TRAINING SYSTEM AIRCRAFT .....	16,945	16,945	16,945		16,945
097	0604212N	OTHER HELO DEVELOPMENT .....	26,786	26,786	26,786		26,786
098	0604214N	AV-8B AIRCRAFT—ENG DEV .....	48,780	48,780	48,780		48,780
099	0604215N	STANDARDS DEVELOPMENT .....	2,722	2,722	2,722		2,722
100	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT .....	5,371	5,371	5,371		5,371
101	0604218N	AIR/OCEAN EQUIPMENT ENGINEERING .....	782	782	782		782
102	0604221N	P-3 MODERNIZATION PROGRAM .....	1,361	1,361	1,361		1,361
103	0604230N	WARFARE SUPPORT SYSTEM .....	14,167	14,167	14,167		14,167
104	0604231N	TACTICAL COMMAND SYSTEM .....	55,695	55,695	55,695		55,695
105	0604234N	ADVANCED HAWKEYE .....	292,535	292,535	292,535		292,535
106	0604245N	H-1 UPGRADES .....	61,288	61,288	61,288		61,288
107	0604261N	ACOUSTIC SEARCH SENSORS .....	37,167	37,167	37,167		37,167
108	0604262N	V-22A .....	171,386	186,386	186,386	15,000	186,386
		UFR: MV-22 Common Configuration CC-RAM improvements .....		[15,000]	[15,000]	[15,000]	
109	0604264N	AIR CREW SYSTEMS DEVELOPMENT .....	13,235	23,235	33,235	20,000	33,235
		Air Crew Sensor Improvements .....		[10,000]	[10,000]	[10,000]	
		Physiological Episode prize competition .....				[10,000]	
110	0604269N	EA-18 .....	173,488	173,488	173,488		173,488
111	0604270N	ELECTRONIC WARFARE DEVELOPMENT .....	54,055	83,055	57,055	3,000	57,055
		Unfunded requirement—EWSA .....		[5,500]			
		Unfunded requirement—Intrepid Tiger II (V)3 UH-1Y jettison capability.		[3,000]	[3,000]	[3,000]	
		Unfunded requirements—range improvements and upgrades .....		[20,500]			
112	0604273N	EXECUTIVE HELO DEVELOPMENT .....	451,938	451,938	451,938		451,938
113	0604274N	NEXT GENERATION JAMMER (NGJ) .....	632,936	624,136	632,936	-4,000	628,936

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		Unjustified cost growth .....		[-8,800]		[-4,000]	
114	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY) .....	4,310	4,310	4,310		4,310
115	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II .....	66,686	66,686	66,686		66,686
116	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING .....	390,238	390,238	390,238		390,238
117	0604311N	LPD-17 CLASS SYSTEMS INTEGRATION .....	689	689	689		689
118	0604329N	SMALL DIAMETER BOMB (SDB) .....	112,846	112,846	112,846		112,846
119	0604366N	STANDARD MISSILE IMPROVEMENTS .....	158,578	158,578	158,578		158,578
120	0604373N	AIRBORNE MCM .....	15,734	15,734	15,734		15,734
122	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING .....	25,445	25,445	25,445		25,445
124	0604501N	ADVANCED ABOVE WATER SENSORS .....	87,233	92,233	87,233		87,233
		SPY-1 Solid State Advancement .....		[5,000]			
125	0604503N	SSN-688 AND TRIDENT MODERNIZATION .....	130,981	130,981	130,981		130,981
126	0604504N	AIR CONTROL .....	75,186	75,186	75,186		75,186
127	0604512N	SHIPBOARD AVIATION SYSTEMS .....	177,926	177,926	177,926		177,926
128	0604518N	COMBAT INFORMATION CENTER CONVERSION .....	8,062	8,062	8,062		8,062
129	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM .....	32,090	32,090	32,090		32,090
130	0604558N	NEW DESIGN SSN .....	120,087	120,087	120,087		120,087
131	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM .....	50,850	50,850	50,850		50,850
132	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E .....	67,166	87,166	67,166		67,166
		CVN 80 DFA .....		[20,000]			
133	0604574N	NAVY TACTICAL COMPUTER RESOURCES .....	4,817	4,817	4,817		4,817
134	0604580N	VIRGINIA PAYLOAD MODULE (VPM) .....	72,861	72,861	72,861		72,861
135	0604601N	MINE DEVELOPMENT .....	25,635	25,635	25,635		25,635
136	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT .....	28,076	28,076	28,076		28,076
137	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	7,561	7,561	7,561		7,561
138	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS .....	40,828	40,828	40,828		40,828
139	0604727N	JOINT STANDOFF WEAPON SYSTEMS .....	435	435	435		435



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140	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL) .....	161,713	161,713	164,713		161,713
		UFR: Ship C2 Systems for Amphibs .....			[3,000]		
141	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL) .....	212,412	243,412	212,412		212,412
		OTH Weapon Development .....		[31,000]			
142	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) .....	103,391	103,391	103,391		103,391
143	0604761N	INTELLIGENCE ENGINEERING .....	34,855	34,855	34,855		34,855
144	0604771N	MEDICAL DEVELOPMENT .....	9,353	9,353	9,353		9,353
145	0604777N	NAVIGATION/ID SYSTEM .....	92,546	101,546	92,546		92,546
		Program increase .....		[9,000]			
146	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD .....	152,934	152,934	244,134	91,200	244,134
		SDD plus up .....			[91,200]	[91,200]	
147	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD .....	108,931	108,931	175,631	66,700	175,631
		SDD plus up .....			[66,700]	[66,700]	
148	0604810M	JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—MARINE CORPS.	144,958	144,958	144,958		144,958
149	0604810N	JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—NAVY .....	143,855	143,855	143,855		143,855
150	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT .....	14,865	14,865	14,865		14,865
151	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT .....	152,977	152,977	117,932		152,977
		Navy ePS consolidate requirements .....			[−11,200]		
		NSIPS consolidate requirements .....			[−23,845]		
152	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT .....	3,410	3,410	3,410		3,410
153	0605212N	CH-53K RDTE .....	340,758	340,758	340,758		340,758
154	0605215N	MISSION PLANNING .....	33,430	33,430	33,430		33,430
155	0605217N	COMMON AVIONICS .....	58,163	58,163	58,163		58,163
156	0605220N	SHIP TO SHORE CONNECTOR (SSC) .....	22,410	22,410	22,410		22,410
157	0605327N	T-AO 205 CLASS .....	1,961	1,961	1,961		1,961
158	0605414N	UNMANNED CARRIER AVIATION (UCA) .....	222,208	222,208	222,208		222,208
159	0605450N	JOINT AIR-TO-GROUND MISSILE (JAGM) .....	15,473	15,473	15,473		15,473
160	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA) .....	11,795	11,795	11,795		11,795
161	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III .....	181,731	181,731	181,731		181,731
162	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION.	178,993	178,993	178,993		178,993

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163	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION.	20,710	20,710	20,710		20,710
164	0204202N	DDG-1000 .....	140,500	140,500	90,500		140,500
		Unjustified cost growth .....			[−50,000]		
168	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS .....	28,311	28,311	28,311		28,311
170	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	4,502	4,502	4,502		4,502
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION .....</b>	<b>6,362,102</b>	<b>6,472,302</b>	<b>6,475,957</b>	<b>191,900</b>	<b>6,554,002</b>
		<b>MANAGEMENT SUPPORT</b>					
171	0604256N	THREAT SIMULATOR DEVELOPMENT .....	91,819	91,819	91,819		91,819
172	0604258N	TARGET SYSTEMS DEVELOPMENT .....	23,053	23,053	23,053		23,053
173	0604759N	MAJOR T&E INVESTMENT .....	52,634	59,634	65,634	7,000	59,634
		Program increase .....		[7,000]	[13,000]	[7,000]	
174	0605126N	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION .....	141	141	141		141
175	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY .....	3,917	3,917	3,917		3,917
176	0605154N	CENTER FOR NAVAL ANALYSES .....	50,432	50,432	50,432		50,432
179	0605804N	TECHNICAL INFORMATION SERVICES .....	782	782	782		782
180	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT .....	94,562	94,562	89,062		94,562
		Unjustified cost growth .....			[−5,500]		
181	0605856N	STRATEGIC TECHNICAL SUPPORT .....	4,313	4,313	4,313		4,313
182	0605861N	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT .....	1,104	1,104	1,104		1,104
183	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT .....	105,666	105,666	105,666		105,666
184	0605864N	TEST AND EVALUATION SUPPORT .....	373,667	413,667	373,667	40,000	413,667
		Program increase .....		[40,000]		[40,000]	
185	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY .....	20,298	20,298	20,298		20,298
186	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT .....	17,341	17,341	17,341		17,341
188	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT .....	21,751	21,751	21,751		21,751

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189	0605898N	MANAGEMENT HQ—R&D .....	44,279	44,279	44,279		44,279
190	0606355N	WARFARE INNOVATION MANAGEMENT .....	28,841	28,841	28,841		28,841
191	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES) .....	1,749	1,749	1,749		1,749
194	1206867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT .....	9,408	9,408	9,408		9,408
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>945,757</b>	<b>992,757</b>	<b>953,257</b>	<b>47,000</b>	<b>992,757</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>					
196	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC) .....	92,571	103,571	121,571	11,000	103,571
		CEC IFF Mode 5 Acceleration .....		[11,000]	[11,000]	[11,000]	
		UFR: Accelerate Tactical Data Distribution Initiative .....			[18,000]		
197	0607700N	DEPLOYABLE JOINT COMMAND AND CONTROL .....	3,137	3,137	3,137		3,137
198	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT .....	135,219	135,219	135,219		135,219
199	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM .....	36,242	36,242	36,242		36,242
200	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT .....	12,053	12,053	12,053		12,053
201	0101402N	NAVY STRATEGIC COMMUNICATIONS .....	18,221	18,221	18,221		18,221
203	0204136N	F/A-18 SQUADRONS .....	224,470	213,470	224,470	-8,428	216,042
		Program reduction- delayed procurement rates .....		[-11,000]		[-8,428]	
204	0204163N	FLEET TELECOMMUNICATIONS (TACTICAL) .....	33,525	33,525	33,525		33,525
205	0204228N	SURFACE SUPPORT .....	24,829	24,829	24,829		24,829
206	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC) .....	133,617	142,617	133,617	9,000	142,617
		Tomahawk Modernization .....		[9,000]		[9,000]	
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM .....	38,972	38,972	38,972		38,972
208	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT) .....	3,940	3,940	3,940		3,940
209	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....	54,645	54,645	54,645		54,645
210	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT .....	66,518	76,518	66,518		66,518
		Modernization of Barking Sands Tactical Underwater Range .....		[10,000]			
211	0204574N	CRYPTOLOGIC DIRECT SUPPORT .....	1,155	1,155	1,155		1,155
212	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT .....	51,040	51,040	51,040		51,040
213	0205601N	HARM IMPROVEMENT .....	87,989	97,989	97,989	10,000	97,989
		Unfunded requirement—AARGM Derivative Program .....		[10,000]		[10,000]	
214	0205604N	TACTICAL DATA LINKS .....	89,852	89,852	89,852		89,852
215	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION .....	29,351	29,351	29,351		29,351

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216	0205632N	MK-48 ADCAP .....	68,553	68,553	68,553		68,553
217	0205633N	AVIATION IMPROVEMENTS .....	119,099	119,099	119,099		119,099
218	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS .....	127,445	127,445	127,445		127,445
219	0206313M	MARINE CORPS COMMUNICATIONS SYSTEMS .....	123,825	120,325	123,825		123,825
		Excess growth—tactical radio systems .....		[-3,500]			
220	0206335M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S) .....	7,343	7,343	7,343		7,343
221	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS .....	66,009	66,009	66,009		66,009
222	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT .....	25,258	25,258	25,258		25,258
223	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) .....	30,886	30,886	30,886		30,886
224	0206629M	AMPHIBIOUS ASSAULT VEHICLE .....	58,728	58,728	58,728		58,728
225	0207161N	TACTICAL AIM MISSILES .....	42,884	51,884	51,884	9,000	51,884
		Unfunded requirement—AIM-9X Bk II Systems Improvement program		[9,000]	[9,000]	[9,000]	
226	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....	25,364	25,364	25,364		25,364
232	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES) .....	24,271	24,271	24,271		24,271
233	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM .....	50,269	50,269	50,269		50,269
236	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES .....	6,352	6,352	6,352		6,352
237	0305204N	TACTICAL UNMANNED AERIAL VEHICLES .....	7,770	7,770	7,770		7,770
238	0305205N	UAS INTEGRATION AND INTEROPERABILITY .....	39,736	39,736	39,736		39,736
239	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	12,867	12,867	12,867		12,867
240	0305208N	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	46,150	46,150	46,150		46,150
241	0305220N	MQ-4C TRITON .....	84,115	84,115	84,115		84,115
242	0305231N	MQ-8 UAV .....	62,656	62,656	62,656		62,656
243	0305232M	RQ-11 UAV .....	2,022	2,022	2,022		2,022
245	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASLO) .....	4,835	4,835	4,835		4,835
246	0305239M	RQ-21A .....	8,899	8,899	8,899		8,899
247	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT .....	99,020	99,020	99,020		99,020
248	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP) .....	18,578	11,478	18,578		18,578

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		Program reduction .....								
249	0305421N	RQ-4 MODERNIZATION .....	229,404	229,404	229,404					229,404
250	0308601N	MODELING AND SIMULATION SUPPORT .....	5,238	5,238	5,238					5,238
251	0702207N	DEPOT MAINTENANCE (NON-IF) .....	38,227	38,227	38,227					38,227
252	0708730N	MARITIME TECHNOLOGY (MARITECH) .....	4,808	4,808	4,808					4,808
253	1203109N	SATELLITE COMMUNICATIONS (SPACE) .....	37,836	37,836	37,836					37,836
253A	9999999999	CLASSIFIED PROGRAMS .....	1,424,347	1,424,347	1,624,347					1,424,347
		Classified project 0428 .....							[200,000]	
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>	<b>4,040,140</b>	<b>4,067,540</b>	<b>4,288,140</b>				<b>30,572</b>	<b>4,070,712</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY .....</b>	<b>17,735,035</b>	<b>18,071,135</b>	<b>18,113,490</b>				<b>315,730</b>	<b>18,050,765</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF</b>								
		<b>BASIC RESEARCH</b>								
001	0601102F	DEFENSE RESEARCH SCIENCES .....	342,919	342,919	342,919					342,919
002	0601103F	UNIVERSITY RESEARCH INITIATIVES .....	147,923	147,923	147,923					147,923
003	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES .....	14,417	14,417	14,417					14,417
		<b>SUBTOTAL BASIC RESEARCH .....</b>	<b>505,259</b>	<b>505,259</b>	<b>505,259</b>					<b>505,259</b>
		<b>APPLIED RESEARCH</b>								
004	0602102F	MATERIALS .....	124,264	124,264	124,264					124,264
005	0602201F	AEROSPACE VEHICLE TECHNOLOGIES .....	124,678	129,678	129,678				5,000	129,678
		Program increase .....		[5,000]	[5,000]				[5,000]	
006	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH .....	108,784	108,784	133,784				19,500	128,284
		Advanced training environments .....			[25,000]				[19,500]	
007	0602203F	AEROSPACE PROPULSION .....	192,695	200,195	200,695				7,500	200,195
		Educational Partnership Agreements .....		[5,000]	[5,500]				[5,000]	
		Unfunded Requirement .....		[2,500]	[2,500]				[2,500]	
008	0602204F	AEROSPACE SENSORS .....	152,782	152,782	152,782					152,782
009	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEADQUARTERS AC- TIVITIES.	8,353	8,353	8,353					8,353
010	0602601F	SPACE TECHNOLOGY .....	116,503	116,503	116,503					116,503

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Line	Program Element	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
011	0602602F	CONVENTIONAL MUNITIONS .....	112,195	112,195	112,195		112,195
012	0602605F	DIRECTED ENERGY TECHNOLOGY .....	132,993	141,293	141,293	8,300	141,293
		Unfunded Requirement .....		[8,300]	[8,300]	[8,300]	
013	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS .....	167,818	167,818	167,818		167,818
014	0602890F	HIGH ENERGY LASER RESEARCH .....	43,049	43,049	43,049		43,049
		<b>SUBTOTAL APPLIED RESEARCH</b> .....	<b>1,284,114</b>	<b>1,304,914</b>	<b>1,330,414</b>	<b>40,300</b>	<b>1,324,414</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>					
015	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS .....	37,856	47,856	37,856		37,856
		Metals affordability research .....		[10,000]			
016	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T) .....	22,811	22,811	22,811		22,811
017	0603203F	ADVANCED AEROSPACE SENSORS .....	40,978	40,978	40,978		40,978
018	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO .....	115,966	121,666	121,666	5,700	121,666
		Unfunded requirement .....		[5,700]	[5,700]	[5,700]	
019	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY .....	104,499	122,999	117,999	13,500	117,999
		Program Increase for Robust Electronical Power System .....		[5,000]			
		Unfunded requirement .....		[13,500]	[13,500]	[13,500]	
020	0603270F	ELECTRONIC COMBAT TECHNOLOGY .....	60,551	60,551	65,551		60,551
		Software engineering capabilities .....			[5,000]		
021	0603401F	ADVANCED SPACECRAFT TECHNOLOGY .....	58,910	58,910	73,910		58,910
		UFR: Commercial SSA consortia/testbed .....			[15,000]		
022	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS) .....	10,433	10,433	10,433		10,433
023	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT .....	33,635	33,635	33,635		33,635
024	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY .....	167,415	167,415	167,415		167,415
025	0603605F	ADVANCED WEAPONS TECHNOLOGY .....	45,502	45,502	45,502		45,502
026	0603680F	MANUFACTURING TECHNOLOGY PROGRAM .....	46,450	46,450	46,450		46,450
027	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION .....	49,011	49,011	49,011		49,011

		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT .....</b>	<b>794,017</b>	<b>828,217</b>	<b>833,217</b>	<b>19,200</b>	<b>813,217</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>					
028	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT .....	5,652	8,352	5,652		5,652
		Unfunded requirement—OSINT exploitation and fusion .....		[1,200]			
		Unfunded requirement—SIGINT Tactical Analysis Reporting Gateway .....		[1,500]			
030	0603742F	COMBAT IDENTIFICATION TECHNOLOGY .....	24,397	24,397	24,397		24,397
031	0603790F	NATO RESEARCH AND DEVELOPMENT .....	3,851	3,851	3,851		3,851
033	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL .....	10,736	10,736	10,736		10,736
034	0603859F	POLLUTION PREVENTION—DEM/VAL .....	2	2	2		2
035	0604015F	LONG RANGE STRIKE—BOMBER .....	2,003,580	2,003,580	2,003,580		2,003,580
036	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....	65,458	65,458	100,858		65,458
		UFR: GPS Receiver Development .....			[35,400]		
037	0604257F	ADVANCED TECHNOLOGY AND SENSORS .....	68,719	94,919	83,419	26,200	94,919
		Unfunded requirement—ASARS—2B .....		[11,500]		[11,500]	
		Unfunded requirement—Hyperspectral Chip Development .....		[14,700]	[14,700]	[14,700]	
038	0604288F	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP .....	7,850	7,850	7,850		7,850
039	0604317F	TECHNOLOGY TRANSFER .....	3,295	3,295	3,295		3,295
040	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM ..	17,365	17,365	17,365		17,365
041	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS .....	32,253	42,453	42,453	10,200	42,453
		UFR: Cyber Security & Resiliency for Weapon Systems .....		[10,200]	[10,200]	[10,200]	
044	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D .....	26,222	26,222	26,222		26,222
046	0604858F	TECH TRANSITION PROGRAM .....	840,650	935,650	935,650	95,000	935,650
		UFR: Directed Energy Prototyping .....		[70,000]	[70,000]	[70,000]	
		UFR: Hypersonics Prototyping .....		[10,000]	[10,000]	[10,000]	
		Unfunded requirement—Long-Endurance Aerial Platform(LEAP) Ahead Prototyping.		[15,000]	[15,000]	[15,000]	
047	0605230F	GROUND BASED STRATEGIC DETERRENT .....	215,721	215,721	215,721		215,721
049	0207110F	NEXT GENERATION AIR DOMINANCE .....	294,746	421,746	441,746	127,000	421,746
		Unfunded Requirement .....		[127,000]	[147,000]	[127,000]	
050	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR) .....	10,645	10,645	10,645		10,645
052	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA) .....	41,509	41,509	41,509		41,509

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053	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	316,787	316,787	316,787		316,787
054	0306415F	ENABLED CYBER ACTIVITIES .....	16,687	16,687	16,687		16,687
055	0408011F	SPECIAL TACTICS / COMBAT CONTROL .....	4,500	4,500	4,500		4,500
056	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM .....	15,867	15,867			15,867
		Consolidate requirements .....			[-15,867]		
057	1203164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE) .....	253,939	263,939	352,439	10,000	263,939
		UFR: Military GPS User Equipment INC2 .....		[10,000]	[98,500]	[10,000]	
058	1203710F	EO/IR WEATHER SYSTEMS .....	10,000	10,000	10,000		10,000
059	1206422F	WEATHER SYSTEM FOLLOW-ON .....	112,088	112,088	112,088		112,088
060	1206425F	SPACE SITUATION AWARENESS SYSTEMS .....	34,764	34,764	34,764		34,764
061	1206434F	MIDTERM POLAR MILSATCOM SYSTEM .....	63,092	63,092	63,092		63,092
062	1206438F	SPACE CONTROL TECHNOLOGY .....	7,842	64,742	128,642	56,900	64,742
		AF UPL .....		[56,900]	[113,800]	[56,900]	
		UFR: Space Enterprise Defense Implementation .....			[7,000]		
063	1206730F	SPACE SECURITY AND DEFENSE PROGRAM .....	41,385	41,385	41,385		41,385
064	1206760F	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES) .....	18,150	18,150	18,150		18,150
065	1206761F	PROTECTED TACTICAL SERVICE (PTS) .....	24,201	24,201	24,201		24,201
066	1206855F	PROTECTED SATCOM SERVICES (PSCS)—AGGREGATED .....	16,000	16,000	16,000		16,000
067	1206857F	OPERATIONALLY RESPONSIVE SPACE .....	87,577	117,577	87,577		87,577
		Responsive Launch vehicles, infrastructure, and small sats .....		[30,000]			
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES .....</b>	<b>4,695,530</b>	<b>5,053,530</b>	<b>5,201,263</b>	<b>325,300</b>	<b>5,020,830</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>					
068	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS .....	5,100	5,100	5,100		5,100
069	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....	101,203	101,203	101,203		101,203
070	0604222F	NUCLEAR WEAPONS SUPPORT .....	3,009	3,009	3,009		3,009
071	0604270F	ELECTRONIC WARFARE DEVELOPMENT .....	2,241	2,241	2,241		2,241



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072	0604281F	TACTICAL DATA NETWORKS ENTERPRISE .....	38,250	38,250	38,250		38,250
073	0604287F	PHYSICAL SECURITY EQUIPMENT .....	19,739	19,739	19,739		19,739
074	0604329F	SMALL DIAMETER BOMB (SDB)—EMD .....	38,979	38,979	38,979		38,979
078	0604429F	AIRBORNE ELECTRONIC ATTACK .....	7,091	7,091	7,091		7,091
080	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT .....	46,540	46,540	46,540		46,540
081	0604604F	SUBMUNITIONS .....	2,705	2,705	2,705		2,705
082	0604617F	AGILE COMBAT SUPPORT .....	31,240	34,240	31,240		31,240
		Joint Expeditionary Airfield Damage Repair .....			[3,000]		
084	0604706F	LIFE SUPPORT SYSTEMS .....	9,060	9,060	9,060		9,060
085	0604735F	COMBAT TRAINING RANGES .....	87,350	87,350	87,350		87,350
086	0604800F	F-35—EMD .....	292,947	292,947	464,947	172,000	464,947
		SDD plus up .....			[172,000]	[172,000]	
088	0604932F	LONG RANGE STANDOFF WEAPON .....	451,290	451,290	451,290		451,290
089	0604933F	ICBM FUZE MODERNIZATION .....	178,991	178,991	178,991		178,991
090	0605030F	JOINT TACTICAL NETWORK CENTER (JTNC) .....	12,736	12,736	12,736		12,736
091	0605031F	JOINT TACTICAL NETWORK (JTN) .....	9,319	9,319	9,319		9,319
092	0605213F	F-22 MODERNIZATION INCREMENT 3.2B .....	13,600	13,600	13,600		13,600
094	0605221F	KC-46 .....	93,845		93,845		93,845
		Under execution .....		[-93,845]			
095	0605223F	ADVANCED PILOT TRAINING .....	105,999	105,999	105,999		105,999
096	0605229F	COMBAT RESCUE HELICOPTER .....	354,485	354,485	354,485		354,485
100	0605458F	AIR & SPACE OPS CENTER 10.2 RDT&E .....	119,745	49,745	14,945	-104,800	14,945
		Restructure of program .....		[-70,000]	[-104,800]	[-104,800]	
101	0605931F	B-2 DEFENSIVE MANAGEMENT SYSTEM .....	194,570	194,570	194,570		194,570
102	0101125F	NUCLEAR WEAPONS MODERNIZATION .....	91,237	91,237	91,237		91,237
103	0207171F	F-15 EPAWSS .....	209,847	209,847	209,847		209,847
104	0207328F	STAND IN ATTACK WEAPON .....	3,400	3,400	3,400		3,400
105	0207701F	FULL COMBAT MISSION TRAINING .....	16,727	16,727	16,727		16,727
109	0307581F	JSTARS RECAP .....	417,201	417,201	417,201		417,201
110	0401310F	C-32 EXECUTIVE TRANSPORT RECAPITALIZATION .....	6,017	6,017	6,017		6,017
111	0401319F	PRESIDENTIAL AIRCRAFT RECAPITALIZATION (PAR) .....	434,069	434,069	434,069		434,069
112	0701212F	AUTOMATED TEST SYSTEMS .....	18,528	18,528	18,528		18,528

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113	1203176F	COMBAT SURVIVOR EVADER LOCATOR .....	24,967	24,967	24,967		24,967
114	1203940F	SPACE SITUATION AWARENESS OPERATIONS .....	10,029	10,029	10,029		10,029
115	1206421F	COUNTERSPACE SYSTEMS .....	66,370	66,370	66,370		66,370
116	1206425F	SPACE SITUATION AWARENESS SYSTEMS .....	48,448	48,448	48,448		48,448
117	1206426F	SPACE FENCE .....	35,937	35,937	62,837		35,937
		UFR: Space Fence Site 1 & Ground Based Operational Surveillance System.			[26,900]		
118	1206431F	ADVANCED EHF MILSATCOM (SPACE) .....	145,610	145,610	145,610		145,610
119	1206432F	POLAR MILSATCOM (SPACE) .....	33,644	33,644	33,644		33,644
120	1206433F	WIDEBAND GLOBAL SATCOM (SPACE) .....	14,263	14,263	51,263		14,263
		UFR: Fix wideband Ka Anti-jam Enhancement (KAJE) .....			[37,000]		
121	1206441F	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD .....	311,844	311,844	324,644		311,844
		UFR: Fix upgrades Space Based Infrared System .....			[12,800]		
122	1206442F	EVOLVED SBIRS .....	71,018	71,018	71,018		71,018
123	1206853F	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE) – EMD .....	297,572	297,572	297,572		297,572
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION .....</b>	<b>4,476,762</b>	<b>4,315,917</b>	<b>4,620,662</b>	<b>67,200</b>	<b>4,543,962</b>
		<b>MANAGEMENT SUPPORT</b>					
124	0604256F	THREAT SIMULATOR DEVELOPMENT .....	35,405	35,405	35,405		35,405
125	0604759F	MAJOR T&E INVESTMENT .....	82,874	87,874	102,874	5,000	87,874
		Advanced weapons system testing capabilities .....			[15,000]		
		Unfunded requirement .....		[5,000]	[5,000]	[5,000]	
126	0605101F	RAND PROJECT AIR FORCE .....	34,346	34,346	34,346		34,346
128	0605712F	INITIAL OPERATIONAL TEST & EVALUATION .....	15,523	15,523	15,523		15,523
129	0605807F	TEST AND EVALUATION SUPPORT .....	678,289	739,089	705,689	57,400	735,689
		Program Increase .....		[32,400]		[30,000]	

		Testing, evaluation, and certification of additional suppliers for ar- resting gear systems for fighter aircraft.		[1,000]			
		UFR: 4th Gen Mods .....		[23,000]	[23,000]	[23,000]	
		UFR: Weapon System Cyber Resiliency-TE .....		[4,400]	[4,400]	[4,400]	
130	0605826F	ACQ WORKFORCE- GLOBAL POWER .....	219,809	219,809	219,809		219,809
131	0605827F	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS .....	223,179	223,179	223,179		223,179
132	0605828F	ACQ WORKFORCE- GLOBAL REACH .....	138,556	138,556	138,556		138,556
133	0605829F	ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS .....	221,393	221,393	221,393		221,393
134	0605830F	ACQ WORKFORCE- GLOBAL BATTLE MGMT .....	152,577	152,577	152,577		152,577
135	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION .....	196,561	196,561	196,561		196,561
136	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY .....	28,322	28,322	28,322		28,322
137	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS .....	126,611	126,611	126,611		126,611
140	0605898F	MANAGEMENT HQ—R&D .....	9,154	9,154	9,154		9,154
141	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT.	135,507	135,507	135,507		135,507
142	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT .....	28,720	28,720	28,720		28,720
143	0606017F	REQUIREMENTS ANALYSIS AND MATURATION .....	35,453	110,453	135,453	75,000	110,453
		UFR: Modeling and Simulation Joint Simulation Environment .....		[50,000]	[70,000]	[50,000]	
		UFR-AS2030 Planning for Development .....		[25,000]	[30,000]	[25,000]	
146	0308602F	ENTEPRISE INFORMATION SERVICES (EIS) .....	29,049	29,049	29,049		29,049
147	0702806F	ACQUISITION AND MANAGEMENT SUPPORT .....	14,980	14,980	14,980		14,980
148	0804731F	GENERAL SKILL TRAINING .....	1,434	1,434	1,434		1,434
150	1001004F	INTERNATIONAL ACTIVITIES .....	4,569	4,569	4,569		4,569
151	1206116F	SPACE TEST AND TRAINING RANGE DEVELOPMENT .....	25,773	25,773	25,773		25,773
152	1206392F	SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE .....	169,887	169,887	169,887		169,887
		Apollo I crew memorial .....		[50]			
		Program decrease .....		[-50]			
153	1206398F	SPACE & MISSILE SYSTEMS CENTER—MHA .....	9,531	9,531	9,531		9,531
154	1206860F	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) .....	20,975	20,975	34,275		20,975
		UFR: Rocket System Launch Program (RSLP) .....			[13,300]		
155	1206864F	SPACE TEST PROGRAM (STP) .....	25,398	25,398	25,398		25,398
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>2,663,875</b>	<b>2,804,675</b>	<b>2,824,575</b>	<b>137,400</b>	<b>2,801,275</b>

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<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>							
157	0604222F	NUCLEAR WEAPONS SUPPORT .....	27,579	27,579	27,579		27,579
158	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING .....	5,776	5,776	5,776		5,776
159	0604445F	WIDE AREA SURVEILLANCE .....	16,247	16,247	16,247		16,247
161	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS) .....	21,915	21,915			21,915
		Consolidate requirements .....				[-21,915]	
162	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY .....	33,150	33,150	33,150		33,150
163	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION .....	66,653	66,653	66,653		66,653
164	0605278F	HC/MC-130 RECAP RDT&E .....	38,579	38,579	38,579		38,579
165	0606018F	NC3 INTEGRATION .....	12,636	12,636	12,636		12,636
166	0101113F	B-52 SQUADRONS .....	111,910	111,910	111,910		111,910
167	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM) .....	463	463	463		463
168	0101126F	B-1B SQUADRONS .....	62,471	62,471	62,471		62,471
169	0101127F	B-2 SQUADRONS .....	193,108	193,108	193,108		193,108
170	0101213F	MINUTEMAN SQUADRONS .....	210,845	210,845	210,845		210,845
		Increase ICBM Cryptography Upgrade II .....		[20,000]	[20,000]	[20,000]	
		Reduce MM Ground and Communications Equipment .....		[-10,000]	[-10,000]	[-10,000]	
		Reduce MM Support Equipment .....		[-10,000]	[-10,000]	[-10,000]	
171	0101313F	INTEGRATED STRATEGIC PLANNING AND ANALYSIS NETWORK (ISPAN)— USSTRATCOM.	25,736	25,736	25,736		25,736
173	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS .....	6,272	70,272	10,272	4,000	10,272
		Enhances E-4B cyber security .....		[64,000]			
		UFR: NC3—Global Assured Communications CBA Execution .....			[4,000]	[4,000]	
174	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK .....	11,032	11,032	11,032		11,032
176	0102110F	UH-1N REPLACEMENT PROGRAM .....	108,617	108,617	108,617		108,617
177	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM	3,347	3,347	3,347		3,347

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179	0205219F	MQ-9 UAV .....	201,394	201,394	201,394		201,394
182	0207131F	A-10 SQUADRONS .....	17,459	17,459	17,459		17,459
183	0207133F	F-16 SQUADRONS .....	246,578	271,578	271,578	25,000	271,578
		Unfunded requirement—MIDS-JTRS software changes .....		[25,000]	[25,000]	[25,000]	
184	0207134F	F-15E SQUADRONS .....	320,271	320,271	320,271		320,271
185	0207136F	MANNED DESTRUCTIVE SUPPRESSION .....	15,106	35,106	15,106		15,106
		HTS pod block upgrade program .....		[20,000]			
186	0207138F	F-22A SQUADRONS .....	610,942	610,942	610,942		610,942
187	0207142F	F-35 SQUADRONS .....	334,530	334,530	334,530		334,530
188	0207161F	TACTICAL AIM MISSILES .....	34,952	34,952	54,952	20,000	54,952
		Pulsed rocket motor technologies .....			[20,000]	[20,000]	
189	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....	61,322	61,322	61,322		61,322
191	0207227F	COMBAT RESCUE—PARARESCUE .....	693	693	693		693
193	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT .....	1,714	1,714	1,714		1,714
194	0207253F	COMPASS CALL .....	14,040	14,040	34,240		14,040
		UFR: Baseline 3 (BL3) Advanced Radar Countermeasure System .....			[20,200]		
195	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....	109,243	109,243	109,243		109,243
197	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) .....	29,932	29,932	29,932		29,932
198	0207410F	AIR & SPACE OPERATIONS CENTER (AOC) .....	26,956	26,956	26,956		26,956
199	0207412F	CONTROL AND REPORTING CENTER (CRC) .....	2,450	2,450	2,450		2,450
200	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS) .....	151,726	151,726	151,726		151,726
201	0207418F	TACTICAL AIRBORNE CONTROL SYSTEMS .....	3,656	3,656	3,656		3,656
203	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES .....	13,420	13,420	13,420		13,420
204	0207444F	TACTICAL AIR CONTROL PARTY-MOD .....	10,623	10,623	10,623		10,623
205	0207448F	C2ISR TACTICAL DATA LINK .....	1,754	1,754	1,754		1,754
206	0207452F	DCAPES .....	17,382	17,382	17,382		17,382
207	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS .....	2,307	2,307	2,307		2,307
208	0207590F	SEEK EAGLE .....	25,397	25,397	25,397		25,397
209	0207601F	USAF MODELING AND SIMULATION .....	10,175	10,175	10,175		10,175
210	0207605F	WARGAMING AND SIMULATION CENTERS .....	12,839	12,839	12,839		12,839
211	0207697F	DISTRIBUTED TRAINING AND EXERCISES .....	4,190	4,190	4,190		4,190
212	0208006F	MISSION PLANNING SYSTEMS .....	85,531	85,531	85,531		85,531

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213	0208007F	TACTICAL DECEPTION .....	3,761	3,761	3,761		3,761
214	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS .....	35,693	35,693	35,693		35,693
215	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS .....	20,964	20,964	20,964		20,964
218	0301017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) .....	3,549	3,549	3,549		3,549
219	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES) .....	4,371	4,371	4,371		4,371
227	0301401F	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS.	3,721	3,721	3,721		3,721
228	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) .....	35,467	35,467	35,467		35,467
230	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN) .... AF UPL—support for AEHF terminals .....	48,841	59,841 [11,000]	48,841		48,841
		Requested transfer: Global ASNT Incr 2 and CVR .....				[-21,100]	
		Requested transfer: Global ASNT Increment 1 .....				[21,100]	
231	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM .....	42,973	42,973	42,973		42,973
232	0303141F	GLOBAL COMBAT SUPPORT SYSTEM .....	105	105	105		105
233	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE .....	2,147	2,147	2,147		2,147
236	0304260F	AIRBORNE SIGINT ENTERPRISE .....	121,948	121,948	121,948		121,948
237	0304310F	COMMERCIAL ECONOMIC ANALYSIS .....	3,544	3,544	3,544		3,544
240	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY .....	1,542	1,542	1,542		1,542
241	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM) .....	4,453	4,453	4,453		4,453
243	0305111F	WEATHER SERVICE .....	26,654	31,654 [5,000]	26,654		26,654
		Commercial weather pilot program .....					
244	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCAL)S .....	6,306	7,806 [1,500]	6,306		6,306
		Unfunded requirement—ground based sense and avoid .....					
245	0305116F	AERIAL TARGETS .....	21,295	21,295	21,295		21,295
248	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES .....	415	415	415		415
250	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES .....	3,867	3,867	3,867		3,867
257	0305202F	DRAGON U-2 .....	34,486	34,486	34,486		34,486

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259	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS .....	4,450	17,250	4,450	10,000	14,450
		WAMI Technology Upgrades .....		[12,800]		[10,000]	
260	0305207F	MANNED RECONNAISSANCE SYSTEMS .....	14,269	14,269	14,269		14,269
261	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	27,501	39,001	27,501		27,501
		Unfunded requirement .....		[11,500]			
262	0305220F	RQ-4 UAV .....	214,849	214,849	214,849		214,849
263	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING .....	18,842	18,842	18,842		18,842
265	0305238F	NATO AGS .....	44,729	44,729	44,729		44,729
266	0305240F	SUPPORT TO DCGS ENTERPRISE .....	26,349	26,349	26,349		26,349
269	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES .....	3,491	3,491	3,491		3,491
271	0305881F	RAPID CYBER ACQUISITION .....	4,899	4,899	4,899		4,899
275	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2) .....	2,445	2,445	2,445		2,445
276	0307577F	INTELLIGENCE MISSION DATA (IMD) .....	8,684	8,684	8,684		8,684
278	0401115F	C-130 AIRLIFT SQUADRON .....	10,219	10,219	10,219		10,219
279	0401119F	C-5 AIRLIFT SQUADRONS (IF) .....	22,758	22,758	22,758		22,758
280	0401130F	C-17 AIRCRAFT (IF) .....	34,287	34,287	34,287		34,287
281	0401132F	C-130J PROGRAM .....	26,821	26,821	20,421		26,821
		Available prior year funds .....			[6,400]		
282	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM) .....	5,283	5,283	5,283		5,283
283	0401218F	KC-135S .....	9,942	9,942	9,942		9,942
284	0401219F	KC-10S .....	7,933	7,933	7,933		7,933
285	0401314F	OPERATIONAL SUPPORT AIRLIFT .....	6,681	6,681	6,681		6,681
286	0401318F	CV-22 .....	22,519	36,519	36,519	14,000	36,519
		Unfunded requirement—common electrical interface .....		[7,000]	[7,000]	[7,000]	
		Unfunded requirement—intelligence broadcast system .....		[7,000]	[7,000]	[7,000]	
287	0401840F	AMC COMMAND AND CONTROL SYSTEM .....	3,510	3,510	3,510		3,510
288	0408011F	SPECIAL TACTICS / COMBAT CONTROL .....	8,090	8,090	8,090		8,090
289	0702207F	DEPOT MAINTENANCE (NON-IF) .....	1,528	1,528	1,528		1,528
290	0708055F	MAINTENANCE, REPAIR & OVERHAUL SYSTEM .....	31,677	31,677	31,677		31,677
291	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT) .....	33,344	33,344	33,344		33,344
292	0708611F	SUPPORT SYSTEMS DEVELOPMENT .....	9,362	9,362	9,362		9,362
293	0804743F	OTHER FLIGHT TRAINING .....	2,074	2,074	2,074		2,074

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294	0808716F	OTHER PERSONNEL ACTIVITIES .....	107	107	107		107
295	0901202F	JOINT PERSONNEL RECOVERY AGENCY .....	2,006	2,006	2,006		2,006
296	0901218F	CIVILIAN COMPENSATION PROGRAM .....	3,780	3,780	3,780		3,780
297	0901220F	PERSONNEL ADMINISTRATION .....	7,472	7,472	7,472		7,472
298	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY .....	1,563	1,563	1,563		1,563
299	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT .....	91,211	91,211	91,211		91,211
300	1201921F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES .....	14,255	14,255	14,255		14,255
301	1202247F	AF TENCAP .....	31,914	31,914	31,914		31,914
302	1203001F	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T) .....	32,426	90,826	32,426		32,426
		AF UPL—FAB-T testing activities .....		[7,400]			
		AF UPL—POTUS voice conference configuration .....		[31,900]			
		AF UPL—spares for testing .....		[6,600]			
		AF UPL -spares for testing .....		[12,500]			
303	1203110F	SATELLITE CONTROL NETWORK (SPACE) .....	18,808	21,308	18,808		18,808
		Program increase .....		[2,500]			
305	1203165F	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS)	10,029	10,029	10,029		10,029
306	1203173F	SPACE AND MISSILE TEST AND EVALUATION CENTER .....	25,051	25,051	65,051		25,051
		UFR: Space Enterprise Defense Implementation .....			[40,000]		
307	1203174F	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT	11,390	11,390	11,390		11,390
308	1203179F	INTEGRATED BROADCAST SERVICE (IBS) .....	8,747	8,747	8,747		8,747
309	1203182F	SPACELIFT RANGE SYSTEM (SPACE) .....	10,549	10,549	10,549		10,549
310	1203265F	GPS III SPACE SEGMENT .....	243,435	243,435	283,735		243,435
		UFR: GPS satellite simulator (GSS) .....			[40,300]		
311	1203400F	SPACE SUPERIORITY INTELLIGENCE .....	12,691	12,691	12,691		12,691
312	1203614F	JSPOC MISSION SYSTEM .....	99,455	123,705	147,955	24,250	123,705
		AF UPL—BMC2 software .....		[24,250]	[48,500]	[24,250]	
313	1203620F	NATIONAL SPACE DEFENSE CENTER .....	18,052	18,052	86,052		18,052



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		UFR: Fix Enterprise Space BMC2 .....				[68,000]	
314	1203699F	SHARED EARLY WARNING (SEW) .....	1,373	1,373	1,373		1,373
315	1203906F	NCMC—TW/AA SYSTEM .....	5,000	5,000	5,000		5,000
316	1203913F	NUDET DETECTION SYSTEM (SPACE) .....	31,508	31,508	31,508		31,508
317	1203940F	SPACE SITUATION AWARENESS OPERATIONS .....	99,984	99,984	140,784		99,984
		UFR: Space Fence Site 1 & Ground Based Operational Surveillance System.				[40,800]	
318	1206423F	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT .....	510,938	510,938	510,938		510,938
318A	9999999999	CLASSIFIED PROGRAMS .....	15,103,246	15,139,246	15,139,246		15,103,246
		Program increase .....		[36,000]	[36,000]		
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>	<b>20,750,546</b>	<b>21,036,496</b>	<b>21,079,031</b>	<b>97,250</b>	<b>20,847,796</b>
		<b>UNDISTRIBUTED</b>					
319	0901560F	UNDISTRIBUTED .....		-195,900			
		Bomber Modernization—Excess to Need .....		[-195,900]			
		<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-195,900</b>			
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF .....</b>	<b>35,170,103</b>	<b>35,653,108</b>	<b>36,394,421</b>	<b>686,650</b>	<b>35,856,753</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW</b>					
		<b>BASIC RESEARCH</b>					
001	0601000BR	DTRA BASIC RESEARCH .....	37,201	37,201	37,201		37,201
002	0601101E	DEFENSE RESEARCH SCIENCES .....	432,347	432,347	432,347		432,347
003	0601110D8Z	BASIC RESEARCH INITIATIVES .....	40,612	40,612	40,612		40,612
004	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE .....	43,126	43,126	43,126		43,126
005	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM .....	74,298	74,298	99,298	14,000	88,298
		Evidence based military child STEM education .....			[5,000]	[5,000]	
		Manufacturing Engineering Education Program .....			[20,000]	[9,000]	
006	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS	25,865	40,000	39,865	14,135	40,000
		Program increase .....		[14,135]	[12,000]	[12,135]	
		STEM support for minority women .....			[2,000]	[2,000]	
007	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	43,898	43,898	43,898		43,898

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<b>SUBTOTAL BASIC RESEARCH</b>			<b>697,347</b>	<b>711,482</b>	<b>736,347</b>	<b>28,135</b>	<b>725,482</b>
<b>APPLIED RESEARCH</b>							
008	0602000D8Z	JOINT MUNITIONS TECHNOLOGY	19,111	19,111	19,111		19,111
009	0602115E	BIOMEDICAL TECHNOLOGY	109,360	109,360	109,360		109,360
011	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM	49,748	49,748	49,748		49,748
012	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES	49,226	49,226	49,226		49,226
013	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY	392,784	392,784	392,784		392,784
014	0602383E	BIOLOGICAL WARFARE DEFENSE	13,014	13,014	13,014		13,014
015	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	201,053	201,053	201,053		201,053
016	0602668D8Z	CYBER SECURITY RESEARCH	14,775	14,775	14,775		14,775
017	0602702E	TACTICAL TECHNOLOGY	343,776	343,776	328,776	-15,000	328,776
		General decrease			[-15,000]	[-15,000]	
018	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY	224,440	224,440	224,440		224,440
019	0602716E	ELECTRONICS TECHNOLOGY	295,447	295,447	285,447		295,447
		Unjustified growth			[-10,000]		
020	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH	157,908	157,908	157,908		157,908
021	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH	8,955	8,955	8,955		8,955
022	1160401BB	SOF TECHNOLOGY DEVELOPMENT	34,493	34,493	34,493		34,493
<b>SUBTOTAL APPLIED RESEARCH</b>			<b>1,914,090</b>	<b>1,914,090</b>	<b>1,889,090</b>	<b>-15,000</b>	<b>1,899,090</b>
<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>							
023	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY	25,627	25,627	25,627		25,627
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT	76,230	81,230	76,230	3,000	79,230
		Program increase—conventional EOD equipment		[5,000]		[3,000]	
025	0603133D8Z	FOREIGN COMPARATIVE TESTING	24,199	24,199	24,199		24,199

026	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	268,607	268,607	268,607		268,607
027	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT .....	12,996	12,996	12,996		12,996
029	0603178C	WEAPONS TECHNOLOGY .....	5,495	60,595	5,495		5,495
		Restore funding for directed energy prioritization in DoD's BMD efforts.		[55,100]			
031	0603180C	ADVANCED RESEARCH .....	20,184	20,184	20,184		20,184
032	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT .....	18,662	18,662	18,662		18,662
035	0603286E	ADVANCED AEROSPACE SYSTEMS .....	155,406	155,406	155,406		155,406
036	0603287E	SPACE PROGRAMS AND TECHNOLOGY .....	247,435	247,435	247,435		247,435
037	0603288D8Z	ANALYTIC ASSESSMENTS .....	13,154	13,154	8,154		13,154
		General decrease .....			[−5,000]		
038	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS .....	37,674	26,539	37,674		37,674
		Program decrease .....		[−11,135]			
039	0603291D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA .....	15,000	15,000	15,000		15,000
040	0603294C	COMMON KILL VEHICLE TECHNOLOGY .....	252,879	252,879	252,879		252,879
041	0603342D8W	DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUX) .....	29,594	29,594	29,594		29,594
042	0603375D8Z	TECHNOLOGY INNOVATION .....	64,863	29,863	64,863	−35,000	29,863
		Unjustified growth .....		[−35,000]		[−35,000]	
043	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	145,359	145,359	145,359		145,359
044	0603527D8Z	RETRACT LARCH .....	171,120	171,120	171,120		171,120
045	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY .....	14,389	14,389	14,389		14,389
046	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS .....	105,871	105,871	105,871		105,871
047	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES .....	12,661	12,661	12,661		12,661
048	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM .....	136,159	136,159	191,159	27,500	163,659
		Improve productivity of defense industrial base .....			[20,000]	[7,500]	
		Manufacturing USA institutes .....			[20,000]	[10,000]	
		Partnership between MEP centers and Manufacturing USA Institutes .....			[15,000]	[10,000]	
049	0603680S	MANUFACTURING TECHNOLOGY PROGRAM .....	40,511	40,511	40,511		40,511
050	0603699D8Z	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT .....	57,876	49,876	57,876	−8,000	49,876
		SOCOM ATL effort .....		[−8,000]		[−8,000]	

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051	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS .....	10,611	10,611	10,611		10,611
053	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM .....	71,832	81,832	81,832	10,000	81,832
		Readiness increase .....		[10,000]	[10,000]	[10,000]	
054	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT .....	219,803	219,803	299,803		219,803
		Supply chain assurance .....			[80,000]		
055	0603727D8Z	JOINT WARFIGHTING PROGRAM .....	6,349	6,349	6,349		6,349
056	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES .....	79,173	79,173	79,173		79,173
057	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS .....	106,787	106,787	106,787		106,787
058	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY .....	439,386	439,386	439,386		439,386
059	0603767E	SENSOR TECHNOLOGY .....	210,123	210,123	210,123		210,123
060	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT .....	11,211	11,211	11,211		11,211
062	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE .....	15,047	15,047	15,047		15,047
063	0603826D8Z	QUICK REACTION SPECIAL PROJECTS .....	69,203	69,203	69,203		69,203
064	0603833D8Z	ENGINEERING SCIENCE & TECHNOLOGY .....	25,395	25,395	25,395		25,395
065	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY .....	89,586	89,586	89,586		89,586
066	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT .....	38,403	38,403	48,403		38,403
		Readiness increase .....			[10,000]		
067	0303310D8Z	CWMD SYSTEMS .....	33,382	33,382	33,382		33,382
068	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT .....	72,605	72,605	72,605		72,605
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT .....</b>	<b>3,450,847</b>	<b>3,466,812</b>	<b>3,600,847</b>	<b>-2,500</b>	<b>3,448,347</b>
		<b>ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES</b>					
069	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P .....	32,937	32,937	32,937		32,937
070	0603600D8Z	WALKOFF .....	101,714	101,714	101,714		101,714
072	0603821D8Z	ACQUISITION ENTERPRISE DATA & INFORMATION SERVICES .....	2,198	2,198	2,198		2,198
073	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM .....	54,583	54,583	64,583		54,583

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		Readiness increase .....				[10,000]	
074	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT .....	292,262	292,262	292,262		292,262
075	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT .....	957,097	1,330,093	979,093	100,996	1,058,093
		Improve Discrimination Capability for GMD .....		[21,996]	[21,996]	[21,996]	
		Increase GBI magazine capacity at Fort Greely .....		[208,000]		[65,000]	
		Program increase—additional boosters and EKVs .....		[143,000]		[14,000]	
076	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL .....	148,518	148,518	148,518		148,518
077	0603884C	BALLISTIC MISSILE DEFENSE SENSORS .....	278,145	357,007	336,007	27,062	305,207
		Funding increase to accelerate development and deployment of interim and perm MD enhancements for HI. ....		[21,000]			
		Improve Discrimination Capability for GMD .....		[57,862]	[57,862]	[27,062]	
078	0603890C	BMD ENABLING PROGRAMS .....	465,642	495,084	495,086	7,142	472,784
		GMD Discrimination .....		[23,342]	[23,342]	[7,142]	
		Improve High Fidelity Modeling and Simulation for GMD .....		[6,100]	[6,102]		
079	0603891C	SPECIAL PROGRAMS—MDA .....	365,190	365,190	365,190		365,190
080	0603892C	AEGIS BMD .....	860,788	860,788	860,788		860,788
083	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI. ....	454,862	454,862	454,862		454,862
084	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT .....	48,954	48,954	48,954		48,954
085	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC) .....	53,265	53,265	53,265		53,265
086	0603906C	REGARDING TRENCH .....	9,113	9,113	9,113		9,113
087	0603907C	SEA BASED X-BAND RADAR (SBX) .....	145,695	145,695	145,695		145,695
088	0603913C	ISRAELI COOPERATIVE PROGRAMS .....	105,354	105,354	373,804	268,446	373,800
		Arrow .....			[71,460]	[71,459]	
		Arrow Upper Tier flight test .....			[105,000]	[105,000]	
		Arrow-Upper Tier .....			[28,140]	[28,139]	
		David's Sling .....			[63,850]	[63,848]	
089	0603914C	BALLISTIC MISSILE DEFENSE TEST .....	316,193	316,193	316,193		316,193
090	0603915C	BALLISTIC MISSILE DEFENSE TARGETS .....	460,125	460,125	460,125		460,125
091	0603920D8Z	HUMANITARIAN DEMINING .....	10,837	10,837	10,837		10,837
092	0603923D8Z	COALITION WARFARE .....	10,740	10,740	10,740		10,740
093	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM .....	3,837	3,837	13,837		3,837

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Line	Program Element	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		DOD Corrosion Program .....			[10,000]		
094	0604115C	TECHNOLOGY MATURATION INITIATIVES .....	128,406	258,406	128,406		128,406
		Acceleration of kintetic and nonkinetic boost phase BMD .....		[100,000]			
		Program increase .....		[30,000]			
095	0604132D8Z	MISSILE DEFEAT PROJECT .....	124,769	124,769	124,769		124,769
096	0604181C	HYPERSONIC DEFENSE .....	75,300	75,300	75,300		75,300
097	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES .....	1,482,532	1,460,532	1,482,532	-22,000	1,460,532
		Program decrease .....		[-22,000]		[-22,000]	
098	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	83,626	83,626	83,626		83,626
099	0604331D8Z	RAPID PROTOTYPING PROGRAM .....	100,000	100,000	100,000		100,000
100	0604342D8Z	DEFENSE TECHNOLOGY OFFSET .....			200,000	100,000	100,000
		Directed energy .....			[200,000]	[100,000]	
101	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	3,967	3,967	3,967		3,967
102	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA) .....	3,833	3,833	3,833		3,833
104	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	23,638	23,638	23,638		23,638
105	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR) .....	357,659	357,659	357,659		357,659
106	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS .....	636,430	716,430	716,430		636,430
		C3 Booster Development .....		[80,000]	[80,000]		
107	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST .....	36,239	36,239	36,239		36,239
108	0604878C	AEGIS BMD TEST .....	137,783	164,134	164,134	23,036	160,819
		To provide AAW at Aegis Ashore sites, consistent w/ FY16 and FY17 NDAA's.		[26,351]	[26,351]	[23,036]	
109	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST .....	101,839	101,839	101,839		101,839
110	0604880C	LAND-BASED SM-3 (LBSM3) .....	30,486	97,761	97,761	67,275	97,761

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		To provide AAW at Aegis Ashore sites, consistent w/ FY16 and FY17 NDAAs.		[67,275]	[67,275]	[67,275]	
111	0604881C	AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT .....	9,739	9,739	9,739		9,739
112	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST .....	76,757	76,757	76,757		76,757
113	0604894C	MULTI-OBJECT KILL VEHICLE .....	6,500	6,500	6,500		6,500
114	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM .....	2,902	2,902	2,902		2,902
115	0305103C	CYBER SECURITY INITIATIVE .....	986	986	986		986
116	1206893C	SPACE TRACKING & SURVEILLANCE SYSTEM .....	34,907	34,907	34,907		34,907
117	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS .....	30,994	58,494	58,494	13,500	44,494
		Initiates BMDS Global Sensors AoA recommendations for space sensor architecture.		[27,500]	[27,500]	[13,500]	
117A	120XXXXC	GROUND-LAUNCHED INTERMEDIATE RANGE MISSILE .....			65,000	58,000	58,000
		Ground-Launched Intermediate Range Missile .....			[65,000]	[58,000]	
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES .....</b>	<b>8,667,341</b>	<b>9,457,767</b>	<b>9,531,219</b>	<b>643,457</b>	<b>9,310,798</b>
		<b>SYSTEM DEVELOPMENT AND DEMONSTRATION</b>					
118	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD .....	12,536	12,536	12,536		12,536
119	0604165D8Z	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT .....	201,749	201,749	201,749		201,749
120	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD .....	406,789	406,789	406,789		406,789
122	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS) .....	15,358	15,358	23,358	5,000	20,358
		Program increase—very low profile hardware .....			[8,000]	[5,000]	
123	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT .....	6,241	6,241	6,241		6,241
124	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT .....	12,322	12,322	12,322		12,322
125	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE .....	4,893	4,893	4,893		4,893
126	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM .....	3,162	3,162	3,162		3,162
127	0605027D8Z	OUSD(C) IT DEVELOPMENT INITIATIVES .....	21,353	21,353	19,353		21,353
		Find COTS solution .....			[-2,000]		
128	0605070S	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION .....	6,266	6,266	6,266		6,266
129	0605075D8Z	DCMO POLICY AND INTEGRATION .....	2,810	2,810	2,810		2,810
130	0605080S	DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM .....	24,436	24,436	24,436		24,436
131	0605090S	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS) .....	13,475	13,475	13,475		13,475
133	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES .....	11,870	11,870			11,870

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Line	Program Element	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
		Consolidate requirements .....			[-11,870]		
134	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	61,084	61,084	61,084		61,084
135	0303141K	GLOBAL COMBAT SUPPORT SYSTEM .....	2,576	2,576	2,576		2,576
136	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM) .....	3,669	3,669	3,669		3,669
137	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION .....	8,230	8,230	8,230		8,230
137A	0604XXX	RESEARCH AND DEVELOPMENT OF MILITARY RESPONSE OPTIONS FOR RUS- SIAN INF TREATY VIOLATION. Program increase .....		50,000			
		Program increase .....		[50,000]			
		<b>SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION .....</b>	<b>818,819</b>	<b>868,819</b>	<b>812,949</b>	<b>5,000</b>	<b>823,819</b>
		<b>MANAGEMENT SUPPORT</b>					
138	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS) .....	6,941	6,941	6,941		6,941
139	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT .....	4,851	4,851	4,851		4,851
140	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP) .....	211,325	211,325	211,325		211,325
141	0604942D8Z	ASSESSMENTS AND EVALUATIONS .....	30,144	50,144	130,144	20,000	50,144
		Program increase for cyber vulnerability assessments and hardening .....		[20,000]	[100,000]	[20,000]	
142	0605001E	MISSION SUPPORT .....	63,769	63,769	63,769		63,769
143	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC) .....	91,057	91,057	91,057		91,057
144	0605104D8Z	TECHNICAL STUDIES, SUPPORT AND ANALYSIS .....	22,386	22,386	22,386		22,386
145	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO) .....	36,581	36,581	36,581		36,581
147	0605142D8Z	SYSTEMS ENGINEERING .....	37,622	37,622	37,622		37,622
148	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD .....	5,200	5,200	5,200		5,200
149	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY .....	5,232	5,232	5,232		5,232
150	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION .....	12,583	12,583	12,583		12,583
151	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE) .....	61,451	91,451	61,451		61,451
		PROJECT Maven .....		[30,000]			
152	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	104,348	104,348	104,348		104,348



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161	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.	2,372	2,372	2,372	2,372
162	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS .....	24,365	24,365	24,365	24,365
163	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC) .....	54,145	54,145	54,145	54,145
164	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION .....	30,356	30,356	30,356	30,356
165	0605804D8Z	DEVELOPMENT TEST AND EVALUATION .....	20,571	20,571	25,571	20,571
		Software testing capabilities .....			[5,000]	
166	0605898E	MANAGEMENT HQ—R&D .....	14,017	14,017	14,017	14,017
167	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC) .....	4,187	4,187	4,187	4,187
168	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS .....	3,992	3,992	3,992	3,992
169	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS .....	1,000	1,000	1,000	1,000
170	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI) .....	2,551	2,551	2,551	2,551
171	0204571J	JOINT STAFF ANALYTICAL SUPPORT .....	7,712	7,712	7,712	7,712
174	0303166J	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES .....	673	673	673	673
175	0303260D8Z	DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO) .....	1,006	1,006	1,006	1,006
177	0305172K	COMBINED ADVANCED APPLICATIONS .....	16,998	16,998	16,998	16,998
180	0305245D8Z	INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS .....	18,992	18,992	18,992	18,992
181	0306310D8Z	CWMD SYSTEMS: RDT&E MANAGEMENT SUPPORT .....	1,231	1,231	1,231	1,231
183	0804767J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—MHA.	44,500	44,500	44,500	44,500
184	0901598C	MANAGEMENT HQ—MDA .....	29,947	29,947	29,947	29,947
187	0903235K	JOINT SERVICE PROVIDER (JSP) .....	5,113	5,113	5,113	5,113
187A	9999999999	CLASSIFIED PROGRAMS .....	63,312	63,312	63,312	63,312
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>1,040,530</b>	<b>1,090,530</b>	<b>1,145,530</b>	<b>20,000 1,060,530</b>
		<b>OPERATIONAL SYSTEM DEVELOPMENT</b>				
188	0604130V	ENTERPRISE SECURITY SYSTEM (ESS) .....	4,565	4,565	4,565	4,565
189	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA.	1,871	1,871	1,871	1,871
190	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS).	298	298	298	298
191	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT .....	10,882	15,882	10,882	10,882

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		Program increase for increase analytical support .....		[5,000]			
192	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT .....	7,222	7,222	7,222		7,222
193	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS).	14,450	14,450	14,450		14,450
194	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).	45,677	45,677	45,677		45,677
195	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS) .....	3,037	3,037	3,037		3,037
196	0208045K	C4I INTEROPERABILITY .....	59,490	59,490	59,490		59,490
198	0301144K	JOINT/ALLIED COALITION INFORMATION SHARING .....	6,104	6,104	6,104		6,104
202	0302016K	NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT .....	1,863	1,863	1,863		1,863
203	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION .....	21,564	21,564	21,564		21,564
204	0303126K	LONG-HAUL COMMUNICATIONS—DCS .....	15,428	15,428	15,428		15,428
205	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN) ....	15,855	15,855	15,855		15,855
206	0303135G	PUBLIC KEY INFRASTRUCTURE (PKI) .....	4,811	4,811	4,811		4,811
207	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI) .....	33,746	33,746	33,746		33,746
208	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM .....	9,415	19,415	9,415		9,415
		Cyber Scholarship Program .....		[10,000]			
209	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM .....	227,652	235,652	227,652		227,652
		Program increase to support cyber defense education of reservists and the National Guard.		[8,000]			
210	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM .....	42,687	32,687	42,687		42,687
		Program decrease .....		[-10,000]			
211	0303153K	DEFENSE SPECTRUM ORGANIZATION .....	8,750	8,750	8,750		8,750
214	0303228K	JOINT INFORMATION ENVIRONMENT (JIE) .....	4,689	4,689	4,689		4,689
216	0303430K	FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY .....	50,000	50,000	50,000		50,000
222	0305103K	CYBER SECURITY INITIATIVE .....	1,686	1,686	1,686		1,686
227	0305186D8Z	POLICY R&D PROGRAMS .....	6,526	6,526	6,526		6,526

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228	0305199D8Z	NET CENTRICITY .....	18,455	18,455	18,455		18,455
230	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	5,496	5,496	5,496		5,496
233	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	3,049	3,049	3,049		3,049
236	0305327V	INSIDER THREAT .....	5,365	10,365	5,365		5,365
		Defense Insider Threat Management and Analysis Center .....		[5,000]			
237	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM .....	2,071	2,071	2,071		2,071
243	0307577D8Z	INTELLIGENCE MISSION DATA (IMD) .....	13,111	13,111	13,111		13,111
245	0708012S	PACIFIC DISASTER CENTERS .....	1,770	1,770	1,770		1,770
246	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM .....	2,924	2,924	2,924		2,924
248	1105219BB	MQ-9 UAV .....	37,863	37,863	50,863		37,863
		MQ-9 Capability Enhancement .....			[13,000]		
251	1160403BB	AVIATION SYSTEMS .....	259,886	267,386	273,386	13,500	273,386
		SOCOM requested transfer .....		[7,500]	[13,500]	[13,500]	
252	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT .....	8,245	8,245	8,245		8,245
253	1160408BB	OPERATIONAL ENHANCEMENTS .....	79,455	79,455	95,455		79,455
		UFR: Enhanced Precision Strike .....			[16,000]		
254	1160431BB	WARRIOR SYSTEMS .....	45,935	45,935	45,935		45,935
255	1160432BB	SPECIAL PROGRAMS .....	1,978	1,978	1,978		1,978
256	1160434BB	UNMANNED ISR .....	31,766	31,766	31,766		31,766
257	1160480BB	SOF TACTICAL VEHICLES .....	2,578	2,578	2,578		2,578
258	1160483BB	MARITIME SYSTEMS .....	42,315	55,115	60,415	18,100	60,415
		SOCOM requested transfer .....		[12,800]	[12,800]	[12,800]	
		UFR: Develop Dry Combat Submersible .....			[5,300]	[5,300]	
259	1160489BB	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....	4,661	4,661	4,661		4,661
260	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	12,049	12,049	12,049		12,049
261	1203610K	TELEPORT PROGRAM .....	642	642	642		642
261A	9999999999	CLASSIFIED PROGRAMS .....	3,734,266	3,734,266	3,734,266		3,734,266
		<b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT .....</b>	<b>4,912,148</b>	<b>4,950,448</b>	<b>4,972,748</b>	<b>31,600</b>	<b>4,943,748</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW .....</b>	<b>21,501,122</b>	<b>22,459,948</b>	<b>22,688,730</b>	<b>710,692</b>	<b>22,211,814</b>
		<b>OPERATIONAL TEST &amp; EVAL, DEFENSE</b>					

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<b>MANAGEMENT SUPPORT</b>							
001	06051180TE	OPERATIONAL TEST AND EVALUATION .....	83,503	83,503	83,503		83,503
002	06051310TE	LIVE FIRE TEST AND EVALUATION .....	59,500	59,500	59,500		59,500
003	06058140TE	OPERATIONAL TEST ACTIVITIES AND ANALYSES .....	67,897	67,897	67,897		67,897
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>210,900</b>	<b>210,900</b>	<b>210,900</b>		<b>210,900</b>
		<b>TOTAL OPERATIONAL TEST &amp; EVAL, DEFENSE .....</b>	<b>210,900</b>	<b>210,900</b>	<b>210,900</b>		<b>210,900</b>
<b>UNDISTRIBUTED</b>							
<b>UNDISTRIBUTED</b>							
010	9999999999	UNDISTRIBUTED .....		64,092	64,100		
		ERI costs transfer from OCO to base .....		[64,092]	[64,100]		
		<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>64,092</b>	<b>64,100</b>		
		<b>TOTAL UNDISTRIBUTED .....</b>		<b>64,092</b>	<b>64,100</b>		
		<b>TOTAL RDT&amp;E .....</b>	<b>84,063,300</b>	<b>86,403,368</b>	<b>87,398,693</b>	<b>2,285,376</b>	<b>86,348,676</b>

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS.**

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>							
055	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	15,000	15,000	15,000		15,000
060	0603747A	SOLDIER SUPPORT AND SURVIVABILITY .....	3,000	3,000	3,000		3,000
<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES ....</b>			<b>18,000</b>	<b>18,000</b>	<b>18,000</b>		<b>18,000</b>
<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>							
122	0605032A	TRACTOR TIRE .....	5,000	5,000	5,000		5,000
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	21,540	21,540	21,540		21,540
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT .....	30,100	30,100	30,100		30,100
147	0303032A	TROJAN—RH12 .....	1,200	1,200	1,200		1,200
<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION .....</b>			<b>57,840</b>	<b>57,840</b>	<b>57,840</b>		<b>57,840</b>
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>							
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....	15,000	15,000	15,000		15,000
222	0305204A	TACTICAL UNMANNED AERIAL VEHICLES .....	7,492	7,492	7,492		7,492
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	15,000	15,000	15,000		15,000
228	0307665A	BIOMETRICS ENABLED INTELLIGENCE .....	6,036	6,036	6,036		6,036
<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>			<b>43,528</b>	<b>43,528</b>	<b>43,528</b>		<b>43,528</b>
<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY .....</b>			<b>119,368</b>	<b>119,368</b>	<b>119,368</b>		<b>119,368</b>
<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>							
041	0603527N	RETRACT LARCH .....	22,000	22,000	22,000		22,000
061	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	29,700	29,700	29,700		29,700
075	0603795N	LAND ATTACK TECHNOLOGY .....	2,100	2,100	2,100		2,100

SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
081	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM) .....	5,710	5,710	5,710		5,710
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES .....</b>	<b>59,510</b>	<b>59,510</b>	<b>59,510</b>		<b>59,510</b>
<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>							
103	0604230N	WARFARE SUPPORT SYSTEM .....	5,400	5,400	5,400		5,400
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION .....</b>	<b>5,400</b>	<b>5,400</b>	<b>5,400</b>		<b>5,400</b>
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>							
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM .....	11,600	11,600	11,600		11,600
211	0204574N	CRYPTOLOGIC DIRECT SUPPORT .....	1,200	1,200	1,200		1,200
253A	9999999999	CLASSIFIED PROGRAMS .....	89,855	89,855	89,855		89,855
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>	<b>102,655</b>	<b>102,655</b>	<b>102,655</b>		<b>102,655</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY .....</b>	<b>167,565</b>	<b>167,565</b>	<b>167,565</b>		<b>167,565</b>
<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>							
029	0603438F	SPACE CONTROL TECHNOLOGY .....	7,800	7,800	7,800		7,800
053	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	5,400	5,400	5,400		5,400
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES .....</b>	<b>13,200</b>	<b>13,200</b>	<b>13,200</b>		<b>13,200</b>
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>							
196	0207277F	ISR INNOVATIONS .....	5,750	5,750	5,750		5,750
214	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS .....	4,000	4,000	4,000		4,000
318A	9999999999	CLASSIFIED PROGRAMS .....	112,408	112,408	112,408		112,408
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>	<b>122,158</b>	<b>122,158</b>	<b>122,158</b>		<b>122,158</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF .....</b>	<b>135,358</b>	<b>135,358</b>	<b>135,358</b>		<b>135,358</b>

		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>				
024	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT .....	25,000	25,000	25,000	25,000
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT .....</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>
		<b>ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES</b>				
088	0603913C	ISRAELI COOPERATIVE PROGRAMS .....		507,646		
		Additional Cooperative funds, consistent with Title XVI authorizations		[507,646]		
		<b>OPERATIONAL SYSTEM DEVELOPMENT</b>				
253	1160408BB	OPERATIONAL ENHANCEMENTS .....	1,920	3,920	1,920	1,920
		Unfunded Requirement- Publicly Available Information (PAI) Capa- bility Acceleration.		[2,000]		
256	1160434BB	UNMANNED ISR .....	3,000	3,000	3,000	3,000
261A	9999999999	CLASSIFIED PROGRAMS .....	196,176	196,176	196,176	196,176
		<b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT .....</b>	<b>201,096</b>	<b>201,096</b>	<b>201,096</b>	<b>201,096</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW .....</b>	<b>226,096</b>	<b>735,742</b>	<b>226,096</b>	<b>226,096</b>
010	9999999999	UNDISTRIBUTED .....		-64,092	-64,100	
		ERI costs transfer from OCO to base .....		[-64,092]	[-64,100]	
		<b>TOTAL UNDISTRIBUTED .....</b>		<b>-64,092</b>	<b>-64,100</b>	
		<b>TOTAL RDT&amp;E .....</b>	<b>648,387</b>	<b>1,093,941</b>	<b>584,287</b>	<b>648,387</b>

## TITLE XLIII—OPERATION AND MAINTENANCE

### SEC. 4301. OPERATION AND MAINTENANCE.

SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)						
Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>OPERATION &amp; MAINTENANCE, ARMY</b>						
<b>OPERATING FORCES</b>						
010	MANEUVER UNITS .....	1,455,366	1,510,066	1,567,545	54,700	1,510,066
	Improve unit training and maintenance readiness .....		[54,700]	[112,179]	[54,700]	
020	MODULAR SUPPORT BRIGADES .....	105,147	112,847	118,020	7,700	112,847
	UFR: Readiness to execute NMS .....		[7,700]	[12,873]	[7,700]	
030	ECHELONS ABOVE BRIGADE .....	604,117	692,417	751,335	88,300	692,417
	UFR: NETCOM HQ .....			[13]		
	UFR: Readiness to execute NMS .....		[88,300]	[147,205]	[88,300]	
040	THEATER LEVEL ASSETS .....	793,217	820,517	836,222	36,734	829,951
	Decisive Action training and operations .....		[27,300]	[33,571]	[27,300]	
	UFR: Support Equipment .....			[9,434]	[9,434]	
050	LAND FORCES OPERATIONS SUPPORT .....	1,169,478	1,207,178	1,169,478	37,700	1,207,178
	Combat Training Center Operations and Maintenance .....		[37,700]		[37,700]	
060	AVIATION ASSETS .....	1,496,503	1,524,703	1,496,503	28,200	1,524,703
	Aviation and ISR Maintenance Requirements .....		[28,200]		[28,200]	
070	FORCE READINESS OPERATIONS SUPPORT .....	3,675,901	3,758,901	3,725,401	83,680	3,759,581
	SOUTHCOM—Maritime Patrol Aircraft Expansion .....		[38,500]		[38,500]	
	SOUTHCOM—Mission and Other Ship Operations .....		[18,000]		[18,000]	
	UFR: Funding to support 6k additional endstrength .....			[680]	[680]	
	UFR: Organizational Clothing & Indiv. Equipment maintenance .....		[26,500]	[44,215]	[26,500]	
	UFR: Support Equipment .....			[4,605]		



080	LAND FORCES SYSTEMS READINESS .....	466,720	466,720	471,592	4,872	471,592
	UFR: Medical equipment .....			[4,872]	[4,872]	
090	LAND FORCES DEPOT MAINTENANCE .....	1,443,516	1,490,116	1,521,185	296,600	1,740,116
	Realignment of depot operations from OCO .....				[250,000]	
	UFR: Depot Maintenance .....		[46,600]	[77,669]	[46,600]	
100	BASE OPERATIONS SUPPORT .....	8,080,357	8,093,557	8,171,076	13,200	8,093,557
	C4I / Cyber capabilities enabling support .....		[13,200]	[22,000]	[13,200]	
	UFR: Engineering Services .....			[36,949]		
	UFR: Support 6k additional endstrength .....			[31,770]		
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	3,401,155	4,030,202	4,002,972	679,227	4,080,382
	Demolition of excess facilities .....		[50,000]		[50,000]	
	Restore restoration and modernization shortfalls .....		[154,500]	[70,427]	[154,500]	
	Restore sustainment shortfalls .....		[424,547]	[481,210]	[424,547]	
	UFR: Support 6k additional endstrength .....			[50,180]	[50,180]	
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	443,790	443,790	443,790		443,790
140	ADDITIONAL ACTIVITIES .....		8,900		8,900	8,900
	Training, supplies, spares, and repair site support .....		[8,900]		[8,900]	
180	US AFRICA COMMAND .....	225,382	225,382	225,382		225,382
190	US EUROPEAN COMMAND .....	141,352	141,352	141,352		141,352
200	US SOUTHERN COMMAND .....	190,811	194,311	190,811	3,500	194,311
	Mission and Other Ship Operations .....		[3,500]		[3,500]	
210	US FORCES KOREA .....	59,578	59,578	59,578		59,578
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>23,752,390</b>	<b>24,780,537</b>	<b>24,892,242</b>	<b>1,343,313</b>	<b>25,095,703</b>
	<b>MOBILIZATION</b>					
220	STRATEGIC MOBILITY .....	346,667	347,791	347,791	1,124	347,791
	UFR: Readiness increase .....		[1,124]	[1,124]	[1,124]	
230	ARMY PREPOSITIONED STOCKS .....	422,108	427,346	427,346	5,238	427,346
	UFR: Readiness increase .....		[5,238]	[5,238]	[5,238]	
240	INDUSTRIAL PREPAREDNESS .....	7,750	7,750	7,750		7,750
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>776,525</b>	<b>782,887</b>	<b>782,887</b>	<b>6,362</b>	<b>782,887</b>

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>TRAINING AND RECRUITING</b>						
250	OFFICER ACQUISITION .....	137,556	137,556	137,556		137,556
260	RECRUIT TRAINING .....	58,872	58,872	60,264	1,392	60,264
	UFR: Recruit training .....			[1,392]	[1,392]	
270	ONE STATION UNIT TRAINING .....	58,035	58,035	59,921	1,886	59,921
	UFR: One Station Unit Training .....			[1,886]	[1,886]	
280	SENIOR RESERVE OFFICERS TRAINING CORPS .....	505,089	505,089	505,762	673	505,762
	UFR: Supports commissions for increase end strength .....			[673]	[673]	
290	SPECIALIZED SKILL TRAINING .....	1,015,541	1,018,685	1,030,834	18,437	1,033,978
	Leadership development and training .....		[3,144]		[3,144]	
	UFR: Supports increased capacity .....			[15,293]	[15,293]	
300	FLIGHT TRAINING .....	1,124,115	1,124,115	1,124,115		1,124,115
310	PROFESSIONAL DEVELOPMENT EDUCATION .....	220,688	220,688	220,688		220,688
320	TRAINING SUPPORT .....	618,164	621,690	621,690	3,526	621,690
	Department of the Army directed training .....		[3,526]	[3,526]	[3,526]	
330	RECRUITING AND ADVERTISING .....	613,586	613,586	624,259	10,673	624,259
	UFR: Supports increased capacity .....			[10,673]	[10,673]	
340	EXAMINING .....	171,223	171,223	171,223		171,223
350	OFF-DUTY AND VOLUNTARY EDUCATION .....	214,738	214,738	215,088	350	215,088
	UFR: Supports increased capacity .....			[350]	[350]	
360	CIVILIAN EDUCATION AND TRAINING .....	195,099	195,099	195,099		195,099
370	JUNIOR RESERVE OFFICER TRAINING CORPS .....	176,116	176,116	176,116		176,116
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>5,108,822</b>	<b>5,115,492</b>	<b>5,142,615</b>	<b>36,937</b>	<b>5,145,759</b>
<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>						
390	SERVICEWIDE TRANSPORTATION .....	555,502	613,402	652,065	154,463	709,965
	Logistics associated with increased end strength .....		[57,900]		[57,900]	

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	UFR: Supports transportation equipment .....			[96,563]	[96,563]	
400	CENTRAL SUPPLY ACTIVITIES .....	894,208	894,208	894,208		894,208
410	LOGISTIC SUPPORT ACTIVITIES .....	715,462	715,462	715,462		715,462
420	AMMUNITION MANAGEMENT .....	446,931	446,931	446,931		446,931
430	ADMINISTRATION .....	493,616	493,616	493,616		493,616
440	SERVICEWIDE COMMUNICATIONS .....	2,084,922	2,102,822	2,094,922	27,900	2,112,822
	Annual maintenance of Enterprise License Agreements .....		[17,900]		[17,900]	
	UFR: Army Regional Cyber Centers capabilities .....			[10,000]	[10,000]	
450	MANPOWER MANAGEMENT .....	259,588	259,588	259,588		259,588
460	OTHER PERSONNEL SUPPORT .....	326,387	326,387	326,387		326,387
470	OTHER SERVICE SUPPORT .....	1,087,602	1,078,602	1,046,202	-14,085	1,073,517
	Program decrease .....		[-9,000]	[-45,000]	[-14,085]	
	UFR: Funds DFAS increases .....			[3,600]		
480	ARMY CLAIMS ACTIVITIES .....	210,514	210,514	214,014	3,500	214,014
	UFR: Supports JAG increase needs .....			[3,500]	[3,500]	
490	REAL ESTATE MANAGEMENT .....	243,584	243,584	256,737	13,153	256,737
	UFR: Supports engineering services .....			[13,153]	[13,153]	
500	FINANCIAL MANAGEMENT AND AUDIT READINESS .....	284,592	292,992	284,592		284,592
	DISA migration cost and system support .....		[8,400]			
510	INTERNATIONAL MILITARY HEADQUARTERS .....	415,694	415,694	415,694		415,694
520	MISC. SUPPORT OF OTHER NATIONS .....	46,856	46,856	46,856		46,856
565	CLASSIFIED PROGRAMS .....	1,242,222	1,247,222	1,242,222	5,000	1,247,222
	Army Analytics Group .....		[5,000]		[5,000]	
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>9,307,680</b>	<b>9,387,880</b>	<b>9,389,496</b>	<b>189,931</b>	<b>9,497,611</b>
	<b>UNDISTRIBUTED</b>					
570	UNDISTRIBUTED .....		-426,100		-415,900	-415,900
	Excessive standard price for fuel .....		[-20,600]		[-31,100]	
	Foreign Currency adjustments .....		[-146,400]		[-146,400]	
	Historical unobligated balances .....		[-259,100]		[-238,400]	
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-426,100</b>		<b>-415,900</b>	

SEC. 4301. OPERATION AND MAINTENANCE  
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY</b> .....	<b>38,945,417</b>	<b>39,640,696</b>	<b>40,207,240</b>	<b>1,160,643</b>	<b>40,106,060</b>
	<b>OPERATION &amp; MAINTENANCE, ARMY RES</b>					
	<b>OPERATING FORCES</b>					
010	MODULAR SUPPORT BRIGADES .....	11,461	11,461	11,747	286	11,747
	UFR: ARNG Operational Demand Model to 82% .....			[286]	[286]	
020	ECHELONS ABOVE BRIGADE .....	577,410	593,053	593,053	15,643	593,053
	UFR: ARNG Operational Demand Model to 82% .....		[15,643]	[15,643]	[15,643]	
030	THEATER LEVEL ASSETS .....	117,298	122,016	122,016	4,718	122,016
	UFR: Operational Demand Model to 82% .....		[4,718]	[4,718]	[4,718]	
040	LAND FORCES OPERATIONS SUPPORT .....	552,016	564,934	564,934	12,918	564,934
	UFR: Operational Demand Model to 82% .....		[12,918]	[12,918]	[12,918]	
050	AVIATION ASSETS .....	80,302	81,461	81,461	1,159	81,461
	Increase aviation readiness .....		[1,159]	[1,159]	[1,159]	
060	FORCE READINESS OPERATIONS SUPPORT .....	399,035	399,258	403,635	4,823	403,858
	Pay and allowances for career development training .....		[223]		[223]	
	UFR: Support additional capacity .....			[4,600]	[4,600]	
070	LAND FORCES SYSTEMS READINESS .....	102,687	102,687	102,687		102,687
080	LAND FORCES DEPOT MAINTENANCE .....	56,016	56,016	56,016		56,016
090	BASE OPERATIONS SUPPORT .....	599,947	599,947	600,497	550	600,497
	UFR: Support 6k additional endstrength .....			[550]	[550]	
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	273,940	356,559	304,690	50,750	324,690
	Demolition of excess facilities .....		[25,000]		[20,000]	
	UFR: Address facility restoration backlog .....		[12,300]	[4,465]	[4,465]	
	UFR: Increased facilities sustainment .....		[45,319]	[26,285]	[26,285]	
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	22,909	22,909	22,909		22,909
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>2,793,021</b>	<b>2,910,301</b>	<b>2,863,645</b>	<b>90,847</b>	<b>2,883,868</b>

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	<b>ADMIN &amp; SRVWD ACTIVITIES</b>					
120	SERVICEWIDE TRANSPORTATION .....	11,116	11,116	11,116		11,116
130	ADMINISTRATION .....	17,962	17,962	17,962		17,962
140	SERVICEWIDE COMMUNICATIONS .....	18,550	20,950	20,950	2,400	20,950
	UFR: Equipment support .....		[2,400]	[2,400]	[2,400]	
150	MANPOWER MANAGEMENT .....	6,166	6,166	6,166		6,166
160	RECRUITING AND ADVERTISING .....	60,027	60,027	60,027		60,027
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>113,821</b>	<b>116,221</b>	<b>116,221</b>	<b>2,400</b>	<b>116,221</b>
	<b>UNDISTRIBUTED</b>					
190	UNDISTRIBUTED .....		-2,500		-3,800	-3,800
	Excessive standard price for fuel .....		[-2,500]		[-3,800]	
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-2,500</b>		<b>-3,800</b>	<b>-3,800</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES .....</b>	<b>2,906,842</b>	<b>3,024,022</b>	<b>2,979,866</b>	<b>89,447</b>	<b>2,996,289</b>
	<b>OPERATION &amp; MAINTENANCE, ARNG</b>					
	<b>OPERATING FORCES</b>					
010	MANEUVER UNITS .....	777,883	810,983	794,862	16,979	794,862
	UFR: Readiness increase .....		[33,100]	[16,979]	[16,979]	
020	MODULAR SUPPORT BRIGADES .....	190,639	190,639	190,639		190,639
030	ECHELONS ABOVE BRIGADE .....	807,557	819,457	820,656	11,900	819,457
	UFR: Operational Demand Model to 82% .....		[11,900]	[13,099]	[11,900]	
040	THEATER LEVEL ASSETS .....	85,476	93,376	98,569	7,900	93,376
	UFR: Operational Demand Model to 82% .....		[7,900]	[13,093]	[7,900]	
050	LAND FORCES OPERATIONS SUPPORT .....	36,672	38,897	38,897	2,225	38,897
	UFR: Increased aviation readiness .....		[2,225]	[2,225]	[2,225]	
060	AVIATION ASSETS .....	956,381	974,581	986,379	18,200	974,581
	Increase aviation readiness .....		[18,200]	[29,998]	[18,200]	
070	FORCE READINESS OPERATIONS SUPPORT .....	777,756	777,941	777,856	100	777,856
	UFR: Supports increased capacity .....		[185]	[100]	[100]	

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(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
080	LAND FORCES SYSTEMS READINESS .....	51,506	51,506	51,506		51,506
090	LAND FORCES DEPOT MAINTENANCE .....	244,942	244,942	244,942		244,942
100	BASE OPERATIONS SUPPORT .....	1,144,726	1,144,726	1,148,576	3,850	1,148,576
	UFR: Support increase end-strength .....			[3,850]	[3,850]	
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	781,895	955,795	876,734	119,839	901,734
	Demolition of excess facilities .....		[25,000]		[25,000]	
	UFR: Address facility restoration backlog .....		[35,200]	[20,108]	[20,108]	
	UFR: Facilities Sustainment improvement .....		[113,700]	[74,731]	[74,731]	
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	999,052	999,052	999,292	240	999,292
	UFR: Support increase end-strength .....			[240]	[240]	
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>6,854,485</b>	<b>7,101,895</b>	<b>7,028,908</b>	<b>181,233</b>	<b>7,035,718</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>					
130	SERVICEWIDE TRANSPORTATION .....	7,703	7,703	7,703		7,703
140	ADMINISTRATION .....	79,236	81,236	79,236	1,150	80,386
	Department of Defense State Partnership Program .....		[2,000]		[1,150]	
150	SERVICEWIDE COMMUNICATIONS .....	85,160	94,760	85,160	9,600	94,760
	Annual maintenance of Enterprise License Agreements .....		[9,600]		[9,600]	
160	MANPOWER MANAGEMENT .....	8,654	8,654	8,654		8,654
170	OTHER PERSONNEL SUPPORT .....	268,839	268,839	277,339	8,500	277,339
	UFR: Behavior Health Specialists .....			[8,500]	[8,500]	
180	REAL ESTATE MANAGEMENT .....	3,093	3,093	3,093		3,093
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>452,685</b>	<b>464,285</b>	<b>461,185</b>	<b>19,250</b>	<b>471,935</b>
	<b>UNDISTRIBUTED</b>					
190	UNDISTRIBUTED .....		-10,700		-16,100	-16,100
	Excessive standard price for fuel .....		[-10,700]		[-16,100]	

	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-10,700</b>		<b>-16,100</b>	<b>-16,100</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>	<b>7,307,170</b>	<b>7,555,480</b>	<b>7,490,093</b>	<b>184,383</b>	<b>7,491,553</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY</b>					
	<b>OPERATING FORCES</b>					
010	MISSION AND OTHER FLIGHT OPERATIONS .....	5,544,165	5,566,165	5,544,165	22,000	5,566,165
	Cbt logistics Mnt for TAO-187 .....		[22,000]		[22,000]	
020	FLEET AIR TRAINING .....	2,075,000	2,075,000	2,075,000		2,075,000
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES .....	46,801	46,801	46,801		46,801
040	AIR OPERATIONS AND SAFETY SUPPORT .....	119,624	119,624	119,624		119,624
050	AIR SYSTEMS SUPPORT .....	552,536	594,536	594,536	42,000	594,536
	UFR: Fund to Max Executable .....		[42,000]	[42,000]	[42,000]	
060	AIRCRAFT DEPOT MAINTENANCE .....	1,088,482	1,088,482	1,088,482		1,088,482
070	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	40,584	40,584	40,584		40,584
080	AVIATION LOGISTICS .....	723,786	843,786	843,786	120,000	843,786
	UFR: Fund to Max Executable .....		[120,000]	[120,000]	[120,000]	
090	MISSION AND OTHER SHIP OPERATIONS .....	4,067,334	4,067,334	4,089,334		4,067,334
	UFR: Combat Logistics Maintenance Funding TAO-187 .....			[22,000]		
100	SHIP OPERATIONS SUPPORT & TRAINING .....	977,701	977,701	977,701		977,701
110	SHIP DEPOT MAINTENANCE .....	7,839,358	7,848,858	7,839,358		7,839,358
	Western Pacific Ship Repair .....		[9,500]			
120	SHIP DEPOT OPERATIONS SUPPORT .....	2,193,851	2,193,851	2,193,851		2,193,851
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE .....	1,288,094	1,294,094	1,288,094	6,000	1,294,094
	Logistics support for legacy C41 systems .....		[6,000]		[6,000]	
150	SPACE SYSTEMS AND SURVEILLANCE .....	206,678	206,678	206,678		206,678
160	WARFARE TACTICS .....	621,581	622,581	622,581	1,000	622,581
	UFR: Operational range Clearance and Environmental Compliance .....		[1,000]	[1,000]	[1,000]	
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....	370,681	370,681	370,681		370,681
180	COMBAT SUPPORT FORCES .....	1,437,966	1,454,966	1,437,966	17,000	1,454,966
	Coastal Riverine Force meet operational requirements .....		[7,000]		[7,000]	
	COMPACFLT C41 Upgrade .....		[10,000]		[10,000]	

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(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT .....	162,705	162,705	162,705		162,705
210	COMBATANT COMMANDERS CORE OPERATIONS .....	65,108	65,108	65,108		65,108
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT .....	86,892	155,992	86,892	69,100	155,992
	Joint Training Capability and Exercise Programs .....		[64,100]		[64,100]	
	No-Notice Agile Logistics Exercise .....		[5,000]		[5,000]	
230	MILITARY INFORMATION SUPPORT OPERATIONS .....	8,427	8,427	8,427		8,427
240	CYBERSPACE ACTIVITIES .....	385,212	385,212	385,212		385,212
260	FLEET BALLISTIC MISSILE .....	1,278,456	1,278,456	1,278,456		1,278,456
280	WEAPONS MAINTENANCE .....	745,680	750,680	750,680	5,000	750,680
	UFR: Munitions wholeness .....		[5,000]	[5,000]	[5,000]	
290	OTHER WEAPON SYSTEMS SUPPORT .....	380,016	380,016	380,016		380,016
300	ENTERPRISE INFORMATION .....	914,428	914,428	882,428		914,428
	Under execution .....			[-32,000]		
310	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	1,905,679	2,319,879	2,447,860	385,200	2,290,879
	Demolition of excess facilities .....		[50,000]		[50,000]	
	NHHC Reduction .....			[-29,000]	[-29,000]	
	Restore restoration and modernization shortfalls .....		[87,200]	[218,000]	[87,200]	
	UFR: 88% of Facility Sustainment requirements .....		[277,000]	[293,181]	[277,000]	
	UFR: MPT&E Management System IT Modernization .....			[60,000]		
320	BASE OPERATING SUPPORT .....	4,333,688	4,356,688	4,384,688	23,000	4,356,688
	Operational range clearance .....		[11,000]	[11,000]	[11,000]	
	Port Operations Service Craft Maintenance .....		[12,000]	[12,000]	[12,000]	
	UFR: FSRM Increases .....			[28,000]		
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>39,460,513</b>	<b>40,189,313</b>	<b>40,211,694</b>	<b>690,300</b>	<b>40,150,813</b>
<b>MOBILIZATION</b>						
330	SHIP PREPOSITIONING AND SURGE .....	417,450	427,450	427,450	10,000	427,450



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	UFR: Strategic Sealift .....		[10,000]	[10,000]	[10,000]	
360	SHIP ACTIVATIONS/INACTIVATIONS .....	198,341	198,341	198,341		198,341
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS .....	66,849	66,849	66,849		66,849
390	COAST GUARD SUPPORT .....	21,870	21,870	21,870		21,870
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>704,510</b>	<b>714,510</b>	<b>714,510</b>	<b>10,000</b>	<b>714,510</b>
	<b>TRAINING AND RECRUITING</b>					
400	OFFICER ACQUISITION .....	143,924	143,924	143,924		143,924
410	RECRUIT TRAINING .....	8,975	8,975	8,975		8,975
420	RESERVE OFFICERS TRAINING CORPS .....	144,708	144,708	144,708		144,708
430	SPECIALIZED SKILL TRAINING .....	812,708	812,708	812,708		812,708
450	PROFESSIONAL DEVELOPMENT EDUCATION .....	180,448	182,448	180,448	2,000	182,448
	Naval Sea Cadets .....		[2,000]		[2,000]	
460	TRAINING SUPPORT .....	234,596	234,596	234,596		234,596
470	RECRUITING AND ADVERTISING .....	177,517	177,517	177,517		177,517
480	OFF-DUTY AND VOLUNTARY EDUCATION .....	103,154	103,154	103,154		103,154
490	CIVILIAN EDUCATION AND TRAINING .....	72,216	72,216	72,216		72,216
500	JUNIOR ROTC .....	53,262	53,262	53,262		53,262
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>1,931,508</b>	<b>1,933,508</b>	<b>1,931,508</b>	<b>2,000</b>	<b>1,933,508</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>					
510	ADMINISTRATION .....	1,135,429	1,126,429	1,135,429	-9,000	1,126,429
	Program decrease .....		[-9,000]		[-9,000]	
530	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT .....	149,365	149,365	149,365		149,365
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	386,749	386,749	386,749		386,749
590	SERVICEWIDE TRANSPORTATION .....	165,301	165,301	165,301		165,301
610	PLANNING, ENGINEERING, AND PROGRAM SUPPORT .....	311,616	311,616	311,616		311,616
620	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	665,580	665,580	665,580		665,580
660	INVESTIGATIVE AND SECURITY SERVICES .....	659,143	659,143	659,143		659,143
775	CLASSIFIED PROGRAMS .....	543,193	553,193	543,193		543,193
	Research and Technology Protection .....		[10,000]			
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>4,016,376</b>	<b>4,017,376</b>	<b>4,016,376</b>	<b>-9,000</b>	<b>4,007,376</b>

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(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>UNDISTRIBUTED</b>						
780	UNDISTRIBUTED .....		-356,800		-415,400	-415,400
	Excessive standard price for fuel .....		[-143,600]		[-216,600]	
	Foreign Currency adjustments .....		[-35,300]		[-35,300]	
	Historical unobligated balances .....		[-177,900]		[-163,500]	
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-356,800</b>		<b>-415,400</b>	<b>-415,400</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>	<b>46,112,907</b>	<b>46,497,907</b>	<b>46,874,088</b>	<b>277,900</b>	<b>46,390,807</b>
<b>OPERATION &amp; MAINTENANCE, MARINE CORPS</b>						
<b>OPERATING FORCES</b>						
010	OPERATIONAL FORCES .....	967,949	967,949	967,949		967,949
020	FIELD LOGISTICS .....	1,065,090	1,065,090	1,068,190	3,100	1,068,190
	UFR: Long Endurance Small UAS .....			[3,100]	[3,100]	
030	DEPOT MAINTENANCE .....	286,635	286,635	286,635		286,635
040	MARITIME PREPOSITIONING .....	85,577	85,577	85,577		85,577
050	CYBERSPACE ACTIVITIES .....	181,518	181,518	181,518		181,518
060	SUSTAINMENT, RESTORATION & MODERNIZATION .....	785,264	1,002,751	829,055	119,091	904,355
	Demolition of excess facilities .....		[50,000]		[40,000]	
	Restore restoration and modernization shortfalls .....		[35,300]		[35,300]	
	UFR: Facilities Sustainment to 80% .....		[132,187]	[43,791]	[43,791]	
070	BASE OPERATING SUPPORT .....	2,196,252	2,196,252	2,196,252		2,196,252
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>5,568,285</b>	<b>5,785,772</b>	<b>5,615,176</b>	<b>122,191</b>	<b>5,690,476</b>
<b>TRAINING AND RECRUITING</b>						
080	RECRUIT TRAINING .....	16,163	16,163	16,163		16,163

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090	OFFICER ACQUISITION .....	1,154	1,154	1,154		1,154
100	SPECIALIZED SKILL TRAINING .....	100,398	100,398	100,398		100,398
110	PROFESSIONAL DEVELOPMENT EDUCATION .....	46,474	46,474	46,474		46,474
120	TRAINING SUPPORT .....	405,039	405,039	405,039		405,039
130	RECRUITING AND ADVERTISING .....	201,601	201,601	201,601		201,601
140	OFF-DUTY AND VOLUNTARY EDUCATION .....	32,045	32,045	32,045		32,045
150	JUNIOR ROTC .....	24,394	24,394	24,394		24,394
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>827,268</b>	<b>827,268</b>	<b>827,268</b>		<b>827,268</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>					
160	SERVICEWIDE TRANSPORTATION .....	28,827	28,827	28,827		28,827
170	ADMINISTRATION .....	378,683	375,683	378,683	-3,000	375,683
	Program decrease .....		[-3,000]		[-3,000]	
190	ACQUISITION AND PROGRAM MANAGEMENT .....	77,684	77,684	77,684		77,684
215	CLASSIFIED PROGRAMS .....	52,661	52,661	52,661		52,661
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>537,855</b>	<b>534,855</b>	<b>537,855</b>	<b>-3,000</b>	<b>534,855</b>
	<b>UNDISTRIBUTED</b>					
220	UNDISTRIBUTED .....		-38,000		-36,900	-36,900
	Excessive standard price for fuel .....		[-1,800]		[-2,700]	
	Foreign Currency adjustments .....		[-11,400]		[-11,400]	
	Historical unobligated balances .....		[-24,800]		[-22,800]	
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-38,000</b>		<b>-36,900</b>	<b>-36,900</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b>	<b>6,933,408</b>	<b>7,109,895</b>	<b>6,980,299</b>	<b>82,291</b>	<b>7,015,699</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY RES</b>					
	<b>OPERATING FORCES</b>					
010	MISSION AND OTHER FLIGHT OPERATIONS .....	596,876	596,876	596,876		596,876
020	INTERMEDIATE MAINTENANCE .....	5,902	5,902	5,902		5,902
030	AIRCRAFT DEPOT MAINTENANCE .....	94,861	94,861	94,861		94,861
040	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	381	381	381		381

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Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
050	AVIATION LOGISTICS .....	13,822	13,822	13,822		13,822
060	SHIP OPERATIONS SUPPORT & TRAINING .....	571	571	571		571
070	COMBAT COMMUNICATIONS .....	16,718	16,718	16,718		16,718
080	COMBAT SUPPORT FORCES .....	118,079	118,079	118,079		118,079
090	CYBERSPACE ACTIVITIES .....	308	308	308		308
100	ENTERPRISE INFORMATION .....	28,650	28,650	28,650		28,650
110	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	86,354	97,854	91,354	9,500	95,854
	Restore restoration and modernization shortfalls .....		[1,500]		[1,500]	
	Restore sustainment shortfalls .....		[10,000]	[5,000]	[8,000]	
120	BASE OPERATING SUPPORT .....	103,596	103,596	103,596		103,596
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>1,066,118</b>	<b>1,077,618</b>	<b>1,071,118</b>	<b>9,500</b>	<b>1,075,618</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>					
130	ADMINISTRATION .....	1,371	1,371	1,371		1,371
140	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	13,289	13,289	13,289		13,289
160	ACQUISITION AND PROGRAM MANAGEMENT .....	3,229	3,229	3,229		3,229
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>17,889</b>	<b>17,889</b>	<b>17,889</b>		<b>17,889</b>
	<b>UNDISTRIBUTED</b>					
180	UNDISTRIBUTED .....		-9,800		-14,800	-14,800
	Excessive standard price for fuel .....		[-9,800]		[-14,800]	
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-9,800</b>		<b>-14,800</b>	<b>-14,800</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES</b> .....	<b>1,084,007</b>	<b>1,085,707</b>	<b>1,089,007</b>	<b>-5,300</b>	<b>1,078,707</b>
	<b>OPERATION &amp; MAINTENANCE, MC RESERVE</b>					
	<b>OPERATING FORCES</b>					

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010	OPERATING FORCES .....	103,468	103,468	103,468		103,468
020	DEPOT MAINTENANCE .....	18,794	18,794	18,794		18,794
030	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	32,777	40,023	33,854	4,977	37,754
	Restore restoration and modernization shortfalls .....		[3,900]		[3,900]	
	UFR: Facilities Sustainment to 80% .....		[3,346]	[1,077]	[1,077]	
040	BASE OPERATING SUPPORT .....	111,213	111,213	111,213		111,213
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>266,252</b>	<b>273,498</b>	<b>267,329</b>	<b>4,977</b>	<b>271,229</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>					
060	ADMINISTRATION .....	12,585	12,585	12,585		12,585
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>12,585</b>	<b>12,585</b>	<b>12,585</b>		<b>12,585</b>
	<b>UNDISTRIBUTED</b>					
080	UNDISTRIBUTED .....		-300		-500	-500
	Excessive standard price for fuel .....		[-300]		[-500]	
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-300</b>		<b>-500</b>	<b>-500</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MC RESERVE .....</b>	<b>278,837</b>	<b>285,783</b>	<b>279,914</b>	<b>4,477</b>	<b>283,314</b>
	<b>OPERATION &amp; MAINTENANCE, AIR FORCE</b>					
	<b>OPERATING FORCES</b>					
010	PRIMARY COMBAT FORCES .....	694,702	727,802	707,902	23,400	718,102
	Adversarial Air Training- mission qualification .....		[10,200]		[10,200]	
	Rocket system launch program .....		[8,000]			
	Training equipment shortfalls .....		[1,700]			
	UFR: NC3 & Other Nuclear Requirements .....		[9,000]	[9,000]	[9,000]	
	UFR: PACAF Contingency Response Group .....		[4,200]	[4,200]	[4,200]	
020	COMBAT ENHANCEMENT FORCES .....	1,392,326	1,450,526	1,576,426	226,300	1,618,626
	Air and Space Operations Center .....			[104,800]	[104,800]	
	Personnel recovery requirements .....		[500]			
	TARP contractor specialist .....		[800]			
	Training equipment shortfalls .....		[6,000]			

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SEC. 4301. OPERATION AND MAINTENANCE  
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
	Training specialist contract .....		[400]			
	UFR: Airmen Readiness Training .....		[8,300]	[8,900]	[8,900]	
	UFR: Cyber Requirements .....			[70,400]	[70,400]	
	Unified capabilities .....		[42,200]		[42,200]	
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....	1,128,640	1,179,940	1,272,940	102,500	1,231,140
	F-35 maintenance instructors .....		[49,700]	[93,100]	[49,700]	
	Readiness decision support enterprise .....		[1,600]		[1,600]	
	UFR: Contract Adversary Air .....			[51,200]	[51,200]	
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	2,755,367	2,854,567	2,915,967	99,200	2,854,567
	UFR: Airmen Readiness Training .....		[7,100]	[7,100]	[7,100]	
	UFR: WSS funded at 89% .....		[92,100]	[153,500]	[92,100]	
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	3,292,553	3,800,253	3,292,553	507,300	3,799,853
	Demolition of excess facilities .....		[50,000]		[50,000]	
	Restore restoration and modernization shortfalls .....		[153,300]		[153,300]	
	Restore sustainment shortfalls .....		[304,400]		[304,000]	
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	6,555,186	6,752,686	6,883,686	197,500	6,752,686
	UFR: E-4B Maintenance personnel .....		[1,000]	[1,000]	[1,000]	
	UFR: EC-130H Compass Call .....		[12,000]	[20,000]	[12,000]	
	UFR: Sustain 3 additional C-37B .....		[6,800]	[11,300]	[6,800]	
	UFR: Weapon Systems Sustainment .....		[177,700]	[296,200]	[177,700]	
070	FLYING HOUR PROGRAM .....	4,135,330	4,135,330	4,135,330		4,135,330
080	BASE SUPPORT .....	5,985,232	6,076,832	6,984,715	91,600	6,076,832
	Application hosting/MSO .....		[27,000]			
	Cloud migration .....		[25,600]			
	Enterprise svcs in FY18 .....		[39,000]			
	UFR: Cyber Requirements .....			[152,600]		
	UFR: Facility Restoration Modernization .....			[493,883]		

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				[146,000]	[91,600]	
				[190,000]		
				[6,700]		
				[10,300]		
090	GLOBAL C3I AND EARLY WARNING .....	847,516	975,216	932,216	125,700	973,216
	Aviation readiness shortfalls .....		[2,000]			
	Space based readiness shortfalls .....		[32,900]		[32,900]	
	UFR: Cyber Requirements .....		[35,300]	[10,700]	[35,300]	
	UFR: NC3 & Other Nuclear Requirements .....		[57,500]	[66,000]	[57,500]	
	UFR: SBIRS Requirements .....			[8,000]		
100	OTHER COMBAT OPS SPT PROGRAMS .....	1,131,817	1,233,817	1,173,017	34,900	1,166,717
	Anti-terrorism force protection .....		[10,000]			
	EOD training and readiness shortfalls .....		[5,400]			
	Installation processing nodes .....		[51,400]			
	ISR sustainment and readiness .....		[9,800]		[9,800]	
	Tailored OPIR intel products .....		[300]			
	UFR: Cyber Requirements .....		[15,000]	[18,300]	[15,000]	
	UFR: Eagle Vision sustainment .....			[6,100]		
	UFR: PACAF Contingency Response Group .....		[10,100]	[16,800]	[10,100]	
120	LAUNCH FACILITIES .....	175,457	175,457	175,457		175,457
130	SPACE CONTROL SYSTEMS .....	353,458	541,758	353,458	15,000	368,458
	Command and Control sustainment and readiness .....		[47,100]			
	Operationalizing commercial SSA .....		[15,000]		[15,000]	
	Space based sustainment and readiness shortfalls .....		[126,200]			
160	US NORTHCOM/NORAD .....	189,891	189,891	189,891		189,891
170	US STRATCOM .....	534,236	534,236	534,236		534,236
180	US CYBERCOM .....	357,830	357,830	357,830		357,830
190	US CENTCOM .....	168,208	168,208	168,208		168,208
200	US SOCOM .....	2,280	2,280	2,280		2,280
210	US TRANSCOM .....	533	533	533		533
215	CLASSIFIED PROGRAMS .....	1,091,655	1,091,655	1,091,655		1,091,655
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>30,792,217</b>	<b>32,248,817</b>	<b>32,748,300</b>	<b>1,423,400</b>	<b>32,215,617</b>

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>MOBILIZATION</b>						
220	AIRLIFT OPERATIONS .....	1,570,697	1,572,497	1,572,497	1,800	1,572,497
	UFR: sustain 3 additional C-37B .....		[1,800]	[1,800]	[1,800]	
230	MOBILIZATION PREPAREDNESS .....	130,241	188,441	176,691	35,600	165,841
	Basic Expeditionary Airfield Resources PACOM .....		[22,600]	[29,550]	[22,600]	
	BEAR PACOM .....		[22,600]			
	BEAR PACOM spares .....		[2,900]		[2,900]	
	PACAF Contingency response group .....		[10,100]	[16,900]	[10,100]	
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>1,700,938</b>	<b>1,760,938</b>	<b>1,749,188</b>	<b>37,400</b>	<b>1,738,338</b>
<b>TRAINING AND RECRUITING</b>						
270	OFFICER ACQUISITION .....	113,722	113,722	113,722		113,722
280	RECRUIT TRAINING .....	24,804	24,804	24,804		24,804
290	RESERVE OFFICERS TRAINING CORPS (ROTC) .....	95,733	95,733	95,733		95,733
320	SPECIALIZED SKILL TRAINING .....	395,476	395,476	395,476		395,476
330	FLIGHT TRAINING .....	501,599	501,599	501,599		501,599
340	PROFESSIONAL DEVELOPMENT EDUCATION .....	287,500	287,500	287,500		287,500
350	TRAINING SUPPORT .....	91,384	91,384	91,384		91,384
370	RECRUITING AND ADVERTISING .....	166,795	166,795	166,795		166,795
380	EXAMINING .....	4,134	4,134	4,134		4,134
390	OFF-DUTY AND VOLUNTARY EDUCATION .....	222,691	222,691	222,691		222,691
400	CIVILIAN EDUCATION AND TRAINING .....	171,974	171,974	176,974		171,974
	Pilot program for training students as aircraft technicians .....			[5,000]		
410	JUNIOR ROTC .....	60,070	60,070	60,070		60,070
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>2,135,882</b>	<b>2,135,882</b>	<b>2,140,882</b>		<b>2,135,882</b>



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	<b>ADMIN &amp; SRVWD ACTIVITIES</b>					
420	LOGISTICS OPERATIONS .....	805,453	805,453	805,453		805,453
430	TECHNICAL SUPPORT ACTIVITIES .....	127,379	127,379	127,379		127,379
470	ADMINISTRATION .....	911,283	911,283	911,283		911,283
480	SERVICEWIDE COMMUNICATIONS .....	432,172	422,172	432,172		432,172
	Program decrease .....		[−10,000]			
490	OTHER SERVICEWIDE ACTIVITIES .....	1,175,658	1,166,658	1,175,658	−5,000	1,170,658
	Program decrease .....		[−9,000]		[−5,000]	
500	CIVIL AIR PATROL .....	26,719	29,819	26,719	3,100	29,819
	Civil Air Patrol .....		[3,100]		[3,100]	
530	INTERNATIONAL SUPPORT .....	76,878	76,878	76,878		76,878
535	CLASSIFIED PROGRAMS .....	1,263,403	1,263,403	1,263,403		1,263,403
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>4,818,945</b>	<b>4,803,045</b>	<b>4,818,945</b>	<b>−1,900</b>	<b>4,817,045</b>
	<b>UNDISTRIBUTED</b>					
540	UNDISTRIBUTED .....		−389,600	129,100	−404,900	−404,900
	Excessive standard price for fuel .....		[−135,400]		[−204,200]	
	Foreign Currency adjustments .....		[−84,300]		[−84,300]	
	Historical unobligated balances .....		[−169,900]		[−156,300]	
	UFR: C&Y Tech Sustainment .....			[6,000]		
	UFR: Child and Youth Compliance .....			[35,000]	[35,000]	
	UFR: Food Service Capabilities .....			[43,200]		
	UFR: MWR Resiliency Capabilities .....			[40,000]		
	UFR: Violence Prevention Program .....			[4,900]	[4,900]	
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>−389,600</b>	<b>129,100</b>	<b>−404,900</b>	<b>−404,900</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE .....</b>	<b>39,447,982</b>	<b>40,559,082</b>	<b>41,586,415</b>	<b>1,054,000</b>	<b>40,501,982</b>
	<b>OPERATION &amp; MAINTENANCE, AF RESERVE</b>					
	<b>OPERATING FORCES</b>					
010	PRIMARY COMBAT FORCES .....	1,801,007	1,801,007	1,801,007		1,801,007
020	MISSION SUPPORT OPERATIONS .....	210,642	210,642	210,642		210,642

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**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	403,867	403,867	403,867		403,867
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	124,951	140,251	124,951	15,300	140,251
	Restore restoration and modernization shortfalls .....		[5,600]		[5,600]	
	Restore sustainment shortfalls .....		[9,700]		[9,700]	
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	240,835	258,635	266,635	43,600	284,435
	C-17 CLS workload .....		[5,700]		[5,700]	
	C-17 depot-level repairable .....		[12,100]		[12,100]	
	UFR: Weapon Systems Sustainment .....			[25,800]	[25,800]	
060	BASE SUPPORT .....	371,878	371,878	405,878	34,000	405,878
	UFR: Restore maintenance and repair .....			[34,000]	[34,000]	
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>3,153,180</b>	<b>3,186,280</b>	<b>3,212,980</b>	<b>92,900</b>	<b>3,246,080</b>
	<b>ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b>					
070	ADMINISTRATION .....	74,153	74,153	74,153		74,153
080	RECRUITING AND ADVERTISING .....	19,522	19,522	19,522		19,522
090	MILITARY MANPOWER AND PERS MGMT (ARPC) .....	12,765	12,765	12,765		12,765
100	OTHER PERS SUPPORT (DISABILITY COMP) .....	7,495	7,495	7,495		7,495
110	AUDIOVISUAL .....	392	392	392		392
	<b>SUBTOTAL ADMINISTRATION AND SERVICEWIDE ACTIVITIES .....</b>	<b>114,327</b>	<b>114,327</b>	<b>114,327</b>		<b>114,327</b>
	<b>UNDISTRIBUTED</b>					
120	UNDISTRIBUTED .....		-21,900		-33,000	-33,000
	Excessive standard price for fuel .....		[-21,900]		[-33,000]	
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-21,900</b>		<b>-33,000</b>	<b>-33,000</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RESERVE .....</b>	<b>3,267,507</b>	<b>3,278,707</b>	<b>3,327,307</b>	<b>59,900</b>	<b>3,327,407</b>

<b>OPERATION &amp; MAINTENANCE, ANG</b>					
<b>OPERATING FORCES</b>					
010	AIRCRAFT OPERATIONS .....	3,175,055	3,265,955	3,175,055	3,175,055
	Additional training man days .....		[54,900]		
	Two C-130 simulators .....		[36,000]		
020	MISSION SUPPORT OPERATIONS .....	746,082	801,682	812,082	764,582
	Additional training man days .....		[37,100]		
	Restore support operations .....		[18,500]	[66,000]	[18,500]
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	867,063	867,063	867,063	867,063
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	325,090	372,690	401,090	372,690
	Restore restoration and modernization shortfalls .....		[14,600]	[20,000]	[14,600]
	Restore sustainment shortfalls .....		[33,000]	[56,000]	[33,000]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	1,100,829	1,152,129	1,159,529	1,210,829
	C-130 propulsion improvements .....		[16,100]		[16,100]
	Maintenance for RC-26 a/c .....		[28,700]		[28,700]
	Sustain DCGS .....		[6,500]		[6,500]
	UFR: Increase Weapons System Sustainment .....			[58,700]	[58,700]
060	BASE SUPPORT .....	583,664	593,464	651,664	583,664
	Additional training man days .....		[9,800]		
	UFR: Facility Restoration Modernization .....			[68,000]	
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>6,797,783</b>	<b>7,052,983</b>	<b>7,066,483</b>	<b>6,973,883</b>
<b>ADMINISTRATION AND SERVICE-WIDE ACTIVITIES</b>					
070	ADMINISTRATION .....	44,955	44,955	44,955	44,955
080	RECRUITING AND ADVERTISING .....	97,230	97,230	52,230	97,230
	Advertising Reduction .....			[-45,000]	
	<b>SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES .....</b>	<b>142,185</b>	<b>142,185</b>	<b>97,185</b>	<b>142,185</b>
<b>UNDISTRIBUTED</b>					
090	UNDISTRIBUTED .....		-43,300		-65,300
	Excessive standard price for fuel .....		[-43,300]		[-65,300]
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>-43,300</b>		<b>-65,300</b>

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b> .....	<b>6,939,968</b>	<b>7,151,868</b>	<b>7,163,668</b>	<b>110,800</b>	<b>7,050,768</b>
	<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE</b>					
	<b>OPERATING FORCES</b>					
010	JOINT CHIEFS OF STAFF .....	440,853	440,853	440,853		440,853
020	JOINT CHIEFS OF STAFF—CE2T2 .....	551,511	551,511	551,511		551,511
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES .....	5,008,274	5,035,414	5,008,274	6,300	5,014,574
	Unfunded Requirement- Joint Task Force Platform Expansion .....		[6,300]		[6,300]	
	Unfunded Requirement- Publicly Available Information (PAI) Capability Acceleration .....		[20,840]			
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>6,000,638</b>	<b>6,027,778</b>	<b>6,000,638</b>	<b>6,300</b>	<b>6,006,938</b>
	<b>TRAINING AND RECRUITING</b>					
050	DEFENSE ACQUISITION UNIVERSITY .....	144,970	144,970	149,970	5,000	149,970
	Increase for curriculum development .....			[5,000]	[5,000]	
060	JOINT CHIEFS OF STAFF .....	84,402	84,402	84,402		84,402
080	SPECIAL OPERATIONS COMMAND/TRAINING AND RECRUITING .....	379,462	379,462	379,462		379,462
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>608,834</b>	<b>608,834</b>	<b>613,834</b>	<b>5,000</b>	<b>613,834</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>					
090	CIVIL MILITARY PROGRAMS .....	183,000	234,500	208,000	26,500	209,500
	National Guard Youth Challenge .....		[1,500]		[1,500]	
	National Guard Youth Challenge Program .....		[25,000]			
	STARBASE .....		[20,000]	[25,000]	[25,000]	
	World War I Centennial Commission .....		[5,000]			
110	DEFENSE CONTRACT AUDIT AGENCY .....	597,836	597,836	597,836		597,836

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120	DEFENSE CONTRACT MANAGEMENT AGENCY .....	1,439,010	1,439,010	1,439,010		1,439,010
130	DEFENSE HUMAN RESOURCES ACTIVITY .....	807,754	807,754	807,754		807,754
140	DEFENSE INFORMATION SYSTEMS AGENCY .....	2,009,702	2,009,702	2,009,702		2,009,702
160	DEFENSE LEGAL SERVICES AGENCY .....	24,207	24,207	24,207		24,207
170	DEFENSE LOGISTICS AGENCY .....	400,422	414,922	400,422	14,300	414,722
	Procurement Technical Assistance Program (PTAP) .....		[14,500]		[14,300]	
180	DEFENSE MEDIA ACTIVITY .....	217,585	215,085	217,585	-2,500	215,085
	Program decrease .....		[-2,500]		[-2,500]	
190	DEFENSE PERSONNEL ACCOUNTING AGENCY .....	131,268	131,268	131,268		131,268
200	DEFENSE SECURITY COOPERATION AGENCY .....	722,496	722,496	722,496		722,496
210	DEFENSE SECURITY SERVICE .....	683,665	703,665	683,665		683,665
	Joint Acquisition Protection and Exploitation Cell (JAPEC) .....		[20,000]			
230	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION .....	34,712	34,712	34,712		34,712
240	DEFENSE THREAT REDUCTION AGENCY .....	542,604	517,604	542,604	-3,800	538,804
	Efficiencies from DTRA/JIDO integration .....		[-25,000]		[-3,800]	
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....	2,794,389	2,844,389	2,829,389	50,000	2,844,389
	Impact aid for children with severe disabilities .....			[10,000]	[10,000]	
	Impact aid for schools with military dependent students .....		[50,000]		[40,000]	
270	MISSILE DEFENSE AGENCY .....	504,058	504,058	504,058		504,058
290	OFFICE OF ECONOMIC ADJUSTMENT .....	57,840	57,840	57,840		57,840
300	OFFICE OF THE SECRETARY OF DEFENSE .....	1,488,344	1,515,110	1,497,344	11,000	1,499,344
	CDC Study .....			[7,000]	[7,000]	
	Implementation of Military Housing Fall Prevention .....		[16,000]			
	Implementation of transparency of Defense Business System Data .....		[25,000]			
	Program decrease .....		[-17,234]			
	Readiness increase .....			[1,000]		
	Study on Air Force aircraft capacity and capabilities .....			[1,000]	[1,000]	
	Support for Commission to Assess the Threat from Electromagnetic Pulse At- tacks and Events .....		[3,000]		[3,000]	
310	SPECIAL OPERATIONS COMMAND/ADMIN & SVC-WIDE ACTIVITIES .....	94,273	94,273	94,273		94,273
320	WASHINGTON HEADQUARTERS SERVICES .....	436,776	436,776	436,776		436,776
325	CLASSIFIED PROGRAMS .....	14,830,139	14,830,139	14,830,139		14,830,139

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SEC. 4301. OPERATION AND MAINTENANCE (In Thousands of Dollars)						
Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....	<b>28,000,080</b>	<b>28,135,346</b>	<b>28,069,080</b>	<b>95,500</b>	<b>28,095,580</b>
	<b>UNDISTRIBUTED</b>					
330	UNDISTRIBUTED .....		-229,900		-193,900	-193,900
	Excessive standard price for fuel .....		[-6,500]		[-9,800]	
	Foreign Currency adjustments .....		[-19,400]		[-19,400]	
	Historical unobligated balances .....		[-179,000]		[-164,700]	
	Program decrease .....		[-25,000]			
	<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-229,900</b>		<b>-193,900</b>	<b>-193,900</b>
	<b>TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE</b> .....	<b>34,609,552</b>	<b>34,542,058</b>	<b>34,683,552</b>	<b>-87,100</b>	<b>34,522,452</b>
	<b>MISCELLANEOUS APPROPRIATIONS</b>					
010	US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE .....	14,538	14,538	14,538		14,538
020	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID .....	104,900	104,900	104,900		104,900
030	COOPERATIVE THREAT REDUCTION .....	324,600	324,600	324,600		324,600
050	ENVIRONMENTAL RESTORATION, ARMY .....	215,809	215,809	215,809		215,809
	Department of Defense Cleanup and Removal of Petroleum, Oil, and Lubricant associated with the Prinz Eugen .....		[6,000]			
	Program decrease .....		[-6,000]			
060	ENVIRONMENTAL RESTORATION, NAVY .....	281,415	323,649	323,000	42,234	323,649
	PFOA/PFOS Remediation .....		[30,000]	[41,585]	[42,234]	
	Program increase .....		[12,234]			
070	ENVIRONMENTAL RESTORATION, AIR FORCE .....	293,749	323,749	313,749	30,000	323,749
	PFOA/PFOS Remediation .....		[30,000]	[20,000]	[30,000]	
080	ENVIRONMENTAL RESTORATION, DEFENSE .....	9,002	9,002	9,002		9,002
090	ENVIRONMENTAL RESTORATION FORMERLY USED SITES .....	208,673	208,673	208,673		208,673

	<b>SUBTOTAL MISCELLANEOUS APPROPRIATIONS .....</b>	<b>1,452,686</b>	<b>1,524,920</b>	<b>1,514,271</b>	<b>72,234</b>	<b>1,524,920</b>
	<b>UNDISTRIBUTED</b>					
	<b>UNDISTRIBUTED</b>					
010	UNDISTRIBUTED .....		2,271,269	726,995		
	ERI costs transferred to base (except Ukraine assistance) .....		[2,271,269]	[2,121,300]		
	Foreign Currency Fluctuations .....			[-313,315]		
	Fuel Savings .....			[-1,090,990]		
	Training for National Guard personnel on wildfire response .....			[10,000]		
	<b>SUBTOTAL UNDISTRIBUTED .....</b>		<b>2,271,269</b>	<b>726,995</b>		
	<b>TOTAL UNDISTRIBUTED .....</b>		<b>2,271,269</b>	<b>726,995</b>		
	<b>TOTAL OPERATION &amp; MAINTENANCE .....</b>	<b>189,286,283</b>	<b>194,527,394</b>	<b>194,902,715</b>	<b>3,003,675</b>	<b>192,289,958</b>

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS.**

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>OPERATION &amp; MAINTENANCE, ARMY</b>						
<b>OPERATING FORCES</b>						
010	MANEUVER UNITS .....	828,225	828,225	828,225		828,225
030	ECHELONS ABOVE BRIGADE .....	25,474	25,474	25,474		25,474
040	THEATER LEVEL ASSETS .....	1,778,644	1,778,644	1,778,644		1,778,644
050	LAND FORCES OPERATIONS SUPPORT .....	260,575	260,575	260,575		260,575
060	AVIATION ASSETS .....	284,422	284,422	284,422		284,422
070	FORCE READINESS OPERATIONS SUPPORT .....	2,784,525	2,784,525	2,784,525		2,784,525
080	LAND FORCES SYSTEMS READINESS .....	502,330	502,330	502,330		502,330
090	LAND FORCES DEPOT MAINTENANCE .....	104,149	104,149	104,149		104,149
100	BASE OPERATIONS SUPPORT .....	80,249	80,249	80,249		80,249
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	32,000	32,000	32,000		32,000
140	ADDITIONAL ACTIVITIES .....	6,988,168	6,988,168	6,988,168		6,988,168
150	COMMANDERS EMERGENCY RESPONSE PROGRAM .....	5,000	5,000	5,000		5,000
160	RESET .....	864,926	864,926	864,926	-250,000	614,926
	Realignment of depot operations to base .....				[-250,000]	
180	US AFRICA COMMAND .....	186,567	186,567	186,567		186,567
190	US EUROPEAN COMMAND .....	44,250	44,250	44,250		44,250
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>14,769,504</b>	<b>14,769,504</b>	<b>14,769,504</b>	<b>-250,000</b>	<b>14,519,504</b>
<b>MOBILIZATION</b>						
230	ARMY PREPOSITIONED STOCKS .....	56,500	56,500	56,500		56,500
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>56,500</b>	<b>56,500</b>	<b>56,500</b>		<b>56,500</b>
<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>						



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390	SERVICEWIDE TRANSPORTATION .....	789,355	789,355	789,355	789,355
400	CENTRAL SUPPLY ACTIVITIES .....	16,567	16,567	16,567	16,567
410	LOGISTIC SUPPORT ACTIVITIES .....	6,000	6,000	6,000	6,000
420	AMMUNITION MANAGEMENT .....	5,207	5,207	5,207	5,207
460	OTHER PERSONNEL SUPPORT .....	107,091	107,091	107,091	107,091
490	REAL ESTATE MANAGEMENT .....	165,280	165,280	165,280	165,280
565	CLASSIFIED PROGRAMS .....	1,083,390	1,083,390	1,083,390	1,083,390
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>2,172,890</b>	<b>2,172,890</b>	<b>2,172,890</b>	<b>2,172,890</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY .....</b>	<b>16,998,894</b>	<b>16,998,894</b>	<b>16,998,894</b>	<b>-250,000 16,748,894</b>
	<b>OPERATION &amp; MAINTENANCE, ARMY RES</b>				
	<b>OPERATING FORCES</b>				
020	ECHELONS ABOVE BRIGADE .....	4,179	4,179	4,179	4,179
040	LAND FORCES OPERATIONS SUPPORT .....	2,132	2,132	2,132	2,132
060	FORCE READINESS OPERATIONS SUPPORT .....	779	779	779	779
090	BASE OPERATIONS SUPPORT .....	17,609	17,609	17,609	17,609
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>24,699</b>	<b>24,699</b>	<b>24,699</b>	<b>24,699</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES .....</b>	<b>24,699</b>	<b>24,699</b>	<b>24,699</b>	<b>24,699</b>
	<b>OPERATION &amp; MAINTENANCE, ARNG</b>				
	<b>OPERATING FORCES</b>				
010	MANEUVER UNITS .....	41,731	41,731	41,731	41,731
020	MODULAR SUPPORT BRIGADES .....	762	762	762	762
030	ECHELONS ABOVE BRIGADE .....	11,855	11,855	11,855	11,855
040	THEATER LEVEL ASSETS .....	204	204	204	204
060	AVIATION ASSETS .....	27,583	27,583	27,583	27,583
070	FORCE READINESS OPERATIONS SUPPORT .....	5,792	5,792	5,792	5,792
100	BASE OPERATIONS SUPPORT .....	18,507	18,507	18,507	18,507
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	937	937	937	937
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>107,371</b>	<b>107,371</b>	<b>107,371</b>	<b>107,371</b>

SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>ADMIN &amp; SRVWD ACTIVITIES</b>						
150	SERVICEMAN COMMUNICATIONS .....	740	740	740		740
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>740</b>	<b>740</b>	<b>740</b>		<b>740</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>	<b>108,111</b>	<b>108,111</b>	<b>108,111</b>		<b>108,111</b>
<b>AFGHANISTAN SECURITY FORCES FUND</b>						
<b>MINISTRY OF DEFENSE</b>						
010	SUSTAINMENT .....	2,660,855	2,660,855	2,660,855		2,660,855
020	INFRASTRUCTURE .....	21,000	21,000	21,000		21,000
030	EQUIPMENT AND TRANSPORTATION .....	684,786	684,786	684,786		684,786
040	TRAINING AND OPERATIONS .....	405,117	405,117	405,117		405,117
	<b>SUBTOTAL MINISTRY OF DEFENSE .....</b>	<b>3,771,758</b>	<b>3,771,758</b>	<b>3,771,758</b>		<b>3,771,758</b>
<b>MINISTRY OF INTERIOR</b>						
050	SUSTAINMENT .....	955,574	955,574	955,574		955,574
060	INFRASTRUCTURE .....	39,595	39,595	39,595		39,595
070	EQUIPMENT AND TRANSPORTATION .....	75,976	75,976	75,976		75,976
080	TRAINING AND OPERATIONS .....	94,612	94,612	94,612		94,612
	<b>SUBTOTAL MINISTRY OF INTERIOR .....</b>	<b>1,165,757</b>	<b>1,165,757</b>	<b>1,165,757</b>		<b>1,165,757</b>
	<b>TOTAL AFGHANISTAN SECURITY FORCES FUND .....</b>	<b>4,937,515</b>	<b>4,937,515</b>	<b>4,937,515</b>		<b>4,937,515</b>
<b>COUNTER-ISIS TRAIN &amp; EQUIP FUND</b>						
<b>COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)</b>						
010	IRAQ .....	1,269,000	1,269,000	1,269,000		1,269,000

020	SYRIA .....	500,000	500,000	500,000	500,000
	<b>SUBTOTAL COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF) .....</b>	<b>1,769,000</b>	<b>1,769,000</b>	<b>1,769,000</b>	<b>1,769,000</b>
	<b>TOTAL COUNTER-ISIS TRAIN &amp; EQUIP FUND .....</b>	<b>1,769,000</b>	<b>1,769,000</b>	<b>1,769,000</b>	<b>1,769,000</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY</b>				
	<b>OPERATING FORCES</b>				
010	MISSION AND OTHER FLIGHT OPERATIONS .....	412,710	412,710	412,710	412,710
020	FLEET AIR TRAINING .....	5,674	5,674	5,674	5,674
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES .....	1,750	1,750	1,750	1,750
040	AIR OPERATIONS AND SAFETY SUPPORT .....	2,989	2,989	2,989	2,989
050	AIR SYSTEMS SUPPORT .....	144,030	144,030	144,030	144,030
060	AIRCRAFT DEPOT MAINTENANCE .....	211,196	211,196	211,196	211,196
070	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	1,921	1,921	1,921	1,921
080	AVIATION LOGISTICS .....	102,834	102,834	102,834	102,834
090	MISSION AND OTHER SHIP OPERATIONS .....	871,453	871,453	871,453	871,453
100	SHIP OPERATIONS SUPPORT & TRAINING .....	19,627	19,627	19,627	19,627
110	SHIP DEPOT MAINTENANCE .....	2,483,179	2,548,179	2,483,179	2,483,179
	Repairs related to USS Fitzgerald .....		[65,000]		
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE .....	58,886	58,886	58,886	58,886
150	SPACE SYSTEMS AND SURVEILLANCE .....	4,400	4,400	4,400	4,400
160	WARFARE TACTICS .....	21,550	21,550	21,550	21,550
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....	21,104	21,104	21,104	21,104
180	COMBAT SUPPORT FORCES .....	611,936	611,936	611,936	611,936
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT .....	11,433	11,433	11,433	11,433
280	WEAPONS MAINTENANCE .....	371,611	371,611	371,611	371,611
290	OTHER WEAPON SYSTEMS SUPPORT .....	9,598	9,598	9,598	9,598
310	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	31,898	31,898	31,898	31,898
320	BASE OPERATING SUPPORT .....	230,246	230,246	230,246	230,246
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>5,630,025</b>	<b>5,695,025</b>	<b>5,630,025</b>	<b>5,630,025</b>

**MOBILIZATION**

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
360	SHIP ACTIVATIONS/INACTIVATIONS .....	1,869	1,869	1,869		1,869
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS .....	11,905	11,905	11,905		11,905
390	COAST GUARD SUPPORT .....	161,885	161,885	161,885		161,885
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>175,659</b>	<b>175,659</b>	<b>175,659</b>		<b>175,659</b>
	<b>TRAINING AND RECRUITING</b>					
430	SPECIALIZED SKILL TRAINING .....	43,369	43,369	43,369		43,369
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>43,369</b>	<b>43,369</b>	<b>43,369</b>		<b>43,369</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>					
510	ADMINISTRATION .....	3,217	3,217	3,217		3,217
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	7,356	7,356	7,356		7,356
590	SERVICEWIDE TRANSPORTATION .....	67,938	67,938	67,938		67,938
620	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	9,446	9,446	9,446		9,446
660	INVESTIGATIVE AND SECURITY SERVICES .....	1,528	1,528	1,528		1,528
775	CLASSIFIED PROGRAMS .....	12,751	12,751	12,751		12,751
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>102,236</b>	<b>102,236</b>	<b>102,236</b>		<b>102,236</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>	<b>5,951,289</b>	<b>6,016,289</b>	<b>5,951,289</b>		<b>5,951,289</b>
	<b>OPERATION &amp; MAINTENANCE, MARINE CORPS</b>					
	<b>OPERATING FORCES</b>					
010	OPERATIONAL FORCES .....	720,013	720,013	720,013		720,013
020	FIELD LOGISTICS .....	256,536	256,536	256,536		256,536
030	DEPOT MAINTENANCE .....	52,000	52,000	52,000		52,000
070	BASE OPERATING SUPPORT .....	17,529	17,529	17,529		17,529
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>1,046,078</b>	<b>1,046,078</b>	<b>1,046,078</b>		<b>1,046,078</b>

<b>TRAINING AND RECRUITING</b>					
120	TRAINING SUPPORT .....	29,421	29,421	29,421	29,421
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>29,421</b>	<b>29,421</b>	<b>29,421</b>	<b>29,421</b>
 <b>ADMIN &amp; SRVWD ACTIVITIES</b>					
160	SERVICEWIDE TRANSPORTATION .....	62,225	62,225	62,225	62,225
215	CLASSIFIED PROGRAMS .....	3,650	3,650	3,650	3,650
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>65,875</b>	<b>65,875</b>	<b>65,875</b>	<b>65,875</b>
	 <b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b>	 <b>1,141,374</b>	 <b>1,141,374</b>	 <b>1,141,374</b>	 <b>1,141,374</b>
 <b>OPERATION &amp; MAINTENANCE, NAVY RES</b>					
<b>OPERATING FORCES</b>					
030	AIRCRAFT DEPOT MAINTENANCE .....	14,964	14,964	14,964	14,964
080	COMBAT SUPPORT FORCES .....	9,016	9,016	9,016	9,016
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>23,980</b>	<b>23,980</b>	<b>23,980</b>	<b>23,980</b>
	 <b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES .....</b>	 <b>23,980</b>	 <b>23,980</b>	 <b>23,980</b>	 <b>23,980</b>
 <b>OPERATION &amp; MAINTENANCE, MC RESERVE</b>					
<b>OPERATING FORCES</b>					
010	OPERATING FORCES .....	2,548	2,548	2,548	2,548
040	BASE OPERATING SUPPORT .....	819	819	819	819
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>3,367</b>	<b>3,367</b>	<b>3,367</b>	<b>3,367</b>
	 <b>TOTAL OPERATION &amp; MAINTENANCE, MC RESERVE .....</b>	 <b>3,367</b>	 <b>3,367</b>	 <b>3,367</b>	 <b>3,367</b>
 <b>OPERATION &amp; MAINTENANCE, AIR FORCE</b>					
<b>OPERATING FORCES</b>					
010	PRIMARY COMBAT FORCES .....	248,235	248,235	248,235	248,235
020	COMBAT ENHANCEMENT FORCES .....	1,394,962	1,394,962	1,394,962	1,394,962

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Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....	5,450	5,450	5,450		5,450
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	699,860	699,860	699,860		699,860
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	113,131	113,131	113,131		113,131
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	2,039,551	2,077,551	2,039,551		2,039,551
	Restoration of Damaged U-2 Aircraft .....		[38,000]			
070	FLYING HOUR PROGRAM .....	2,059,363	2,059,363	2,059,363		2,059,363
080	BASE SUPPORT .....	1,088,946	1,088,946	1,088,946		1,088,946
090	GLOBAL C3I AND EARLY WARNING .....	15,274	15,274	15,274		15,274
100	OTHER COMBAT OPS SPT PROGRAMS .....	198,090	198,090	198,090		198,090
120	LAUNCH FACILITIES .....	385	385	385		385
130	SPACE CONTROL SYSTEMS .....	22,020	22,020	22,020		22,020
160	US NORTHCOM/NORAD .....	381	381	381		381
170	US STRATCOM .....	698	698	698		698
180	US CYBERCOM .....	35,239	35,239	35,239		35,239
190	US CENTCOM .....	159,520	159,520	159,520		159,520
200	US SOCOM .....	19,000	19,000	19,000		19,000
215	CLASSIFIED PROGRAMS .....	58,098	58,098	58,098		58,098
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>8,158,203</b>	<b>8,196,203</b>	<b>8,158,203</b>		<b>8,158,203</b>
	<b>MOBILIZATION</b>					
220	AIRLIFT OPERATIONS .....	1,430,316	1,430,316	1,430,316		1,430,316
230	MOBILIZATION PREPAREDNESS .....	213,827	213,827	213,827		213,827
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>1,644,143</b>	<b>1,644,143</b>	<b>1,644,143</b>		<b>1,644,143</b>
	<b>TRAINING AND RECRUITING</b>					
270	OFFICER ACQUISITION .....	300	300	300		300
280	RECRUIT TRAINING .....	298	298	298		298

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290	RESERVE OFFICERS TRAINING CORPS (ROTC) .....	90	90	90	90
320	SPECIALIZED SKILL TRAINING .....	25,675	25,675	25,675	25,675
330	FLIGHT TRAINING .....	879	879	879	879
340	PROFESSIONAL DEVELOPMENT EDUCATION .....	1,114	1,114	1,114	1,114
350	TRAINING SUPPORT .....	1,426	1,426	1,426	1,426
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>29,782</b>	<b>29,782</b>	<b>29,782</b>	<b>29,782</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>				
420	LOGISTICS OPERATIONS .....	151,847	151,847	151,847	151,847
430	TECHNICAL SUPPORT ACTIVITIES .....	8,744	8,744	8,744	8,744
470	ADMINISTRATION .....	6,583	6,583	6,583	6,583
480	SERVICEWIDE COMMUNICATIONS .....	129,508	129,508	129,508	129,508
490	OTHER SERVICEWIDE ACTIVITIES .....	84,110	84,110	84,110	84,110
530	INTERNATIONAL SUPPORT .....	120	120	120	120
535	CLASSIFIED PROGRAMS .....	53,255	53,255	53,255	53,255
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>434,167</b>	<b>434,167</b>	<b>434,167</b>	<b>434,167</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE .....</b>	<b>10,266,295</b>	<b>10,304,295</b>	<b>10,266,295</b>	<b>10,266,295</b>
	<b>OPERATION &amp; MAINTENANCE, AF RESERVE</b>				
	<b>OPERATING FORCES</b>				
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	52,323	52,323	52,323	52,323
060	BASE SUPPORT .....	6,200	6,200	6,200	6,200
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>58,523</b>	<b>58,523</b>	<b>58,523</b>	<b>58,523</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RESERVE .....</b>	<b>58,523</b>	<b>58,523</b>	<b>58,523</b>	<b>58,523</b>
	<b>OPERATION &amp; MAINTENANCE, ANG</b>				
	<b>OPERATING FORCES</b>				
020	MISSION SUPPORT OPERATIONS .....	3,468	3,468	3,468	3,468
060	BASE SUPPORT .....	11,932	11,932	11,932	11,932
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>15,400</b>	<b>15,400</b>	<b>15,400</b>	<b>15,400</b>

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Line	Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b> .....	<b>15,400</b>	<b>15,400</b>	<b>15,400</b>		<b>15,400</b>
	<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE</b>					
	<b>OPERATING FORCES</b>					
010	JOINT CHIEFS OF STAFF .....	4,841	4,841	4,841		4,841
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES .....	3,305,234	3,305,234	3,311,534		3,305,234
	UFR: Joint Task Force Platform Expansion .....			[6,300]		
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>3,310,075</b>	<b>3,310,075</b>	<b>3,316,375</b>		<b>3,310,075</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>					
110	DEFENSE CONTRACT AUDIT AGENCY .....	9,853	9,853	9,853		9,853
120	DEFENSE CONTRACT MANAGEMENT AGENCY .....	21,317	21,317	21,317		21,317
140	DEFENSE INFORMATION SYSTEMS AGENCY .....	64,137	64,137	64,137		64,137
160	DEFENSE LEGAL SERVICES AGENCY .....	115,000	115,000	115,000		115,000
180	DEFENSE MEDIA ACTIVITY .....	13,255	13,255	13,255		13,255
200	DEFENSE SECURITY COOPERATION AGENCY .....	2,312,000	2,162,000	2,562,000	-250,000	2,062,000
	Reduction to Coalition Support Funds .....			[-100,000]	[-100,000]	
	Transfer of funds to Ukraine Security Assistance .....		[-150,000]		[-150,000]	
	Ukraine Security Assistance Initiative .....			[350,000]		
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....	31,000	31,000	31,000		31,000
300	OFFICE OF THE SECRETARY OF DEFENSE .....	34,715	34,715	34,715		34,715
320	WASHINGTON HEADQUARTERS SERVICES .....	3,179	3,179	3,179		3,179
325	CLASSIFIED PROGRAMS .....	1,878,713	1,878,713	1,878,713		1,878,713
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....	<b>4,483,169</b>	<b>4,333,169</b>	<b>4,733,169</b>	<b>-250,000</b>	<b>4,233,169</b>
	<b>TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE</b> .....	<b>7,793,244</b>	<b>7,643,244</b>	<b>8,049,544</b>	<b>-250,000</b>	<b>7,543,244</b>



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	<b>UKRAINE SECURITY ASSISTANCE</b>				
	<b>UKRAINE SECURITY ASSISTANCE</b>				
010	UKRAINE SECURITY ASSISTANCE .....	150,000		350,000	350,000
	Program increase .....			[200,000]	
	Transfer from DSCA .....	[150,000]		[150,000]	
	<b>SUBTOTAL UKRAINE SECURITY ASSISTANCE .....</b>	<b>150,000</b>		<b>350,000</b>	<b>350,000</b>
	<b>TOTAL UKRAINE SECURITY ASSISTANCE .....</b>	<b>150,000</b>		<b>350,000</b>	<b>350,000</b>
	<b>UNDISTRIBUTED</b>				
	<b>UNDISTRIBUTED</b>				
010	UNDISTRIBUTED .....	-2,271,269	-2,121,300		
	ERI costs transferred from OCO to base (except Ukraine assistance) .....	[-2,271,269]	[-2,121,300]		
	<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>-2,271,269</b>	<b>-2,121,300</b>		
	<b>TOTAL UNDISTRIBUTED .....</b>	<b>-2,271,269</b>	<b>-2,121,300</b>		
	<b>TOTAL OPERATION &amp; MAINTENANCE .....</b>	<b>49,091,691</b>	<b>46,923,422</b>	<b>47,226,691</b>	<b>-150,000</b>
					<b>48,941,691</b>

## TITLE XLIV—MILITARY PERSONNEL

### SEC. 4401. MILITARY PERSONNEL.

SEC. 4401. MILITARY PERSONNEL (In Thousands of Dollars)					
Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>Military Personnel Appropriations</b> .....	<b>133,881,636</b>	<b>1,202,089</b>	<b>-138,913</b>	<b>127,350</b>	<b>134,008,986</b>
Defense Innovation Board software review .....			[1,000]	[1,000]	
Department of Defense State Partnership Program .....		[2,000]		[2,000]	
ERI costs transferred to base .....		[214,289]	[214,300]		
Freeze BAH reduction for Military Housing Privatization Initiative .....		[125,000]			
Historical unobligated balances .....		[-363,300]	[-1,083,000]	[-814,050]	
Increase Active Army end strength .....		[829,400]	[337,000]	[625,000]	
Increase Active Marine Corps end strength .....			[100,000]	[80,000]	
Increase Army National Guard end strength .....		[105,500]		[13,000]	
Increase Army Reserve end strength .....		[82,800]		[13,000]	
Military Personnel Pay Raise .....		[206,400]		[206,400]	
Public-Private partnership on military spousal employment .....			[1,000]	[1,000]	
UFR: ANG funds training man days .....			[170,800]		
UFR: Army readiness requirements .....			[107,987]		
UFR: ATFP Enhancement—2nd Pier Sentry (Mahan Report) .....			[12,000]		
 <b>Medicare-Eligible Retiree Health Fund Contributions</b> .....	 <b>7,804,427</b>	 <b>44,140</b>	 <b>0</b>	 <b>33,000</b>	 <b>7,837,427</b>
Accrual payment associated with increased end strength .....		[44,140]		[33,000]	
 <b>Total, Military Personnel</b> .....	 <b>141,686,063</b>	 <b>1,246,229</b>	 <b>-138,913</b>	 <b>160,350</b>	 <b>141,846,413</b>

**SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS.**

SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS (In Thousands of Dollars)					
Item	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
Military Personnel Appropriations .....	4,326,172	- 214,289	- 214,300	0	4,326,172
ERI costs transferred to base budget .....		[ - 214,289]	[ - 214,300]		
<b>Total, Military Personnel Appropriations .....</b>	<b>4,326,172</b>	<b>- 214,289</b>	<b>- 214,300</b>	<b>0</b>	<b>4,326,172</b>

## TITLE XLV—OTHER AUTHORIZATIONS

### SEC. 4501. OTHER AUTHORIZATIONS.

SEC. 4501. OTHER AUTHORIZATIONS (In Thousands of Dollars)					
Program Title	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>WORKING CAPITAL FUND, ARMY</b>					
INDUSTRIAL OPERATIONS .....	43,140	43,140	43,140		43,140
SUPPLY MANAGEMENT—ARMY .....	40,636	90,747	90,736		40,636
ERI costs transfer from OCO to base .....		[50,111]	[50,100]		
<b>TOTAL WORKING CAPITAL FUND, ARMY .....</b>	<b>83,776</b>	<b>133,887</b>	<b>133,876</b>		<b>83,776</b>
<b>WORKING CAPITAL FUND, AIR FORCE</b>					
<b>TRANSPORTATION</b>					
SUPPLY MANAGEMENT .....	66,462	66,462	66,462		66,462
<b>TOTAL WORKING CAPITAL FUND, AIR FORCE .....</b>	<b>66,462</b>	<b>66,462</b>	<b>66,462</b>		<b>66,462</b>
<b>WORKING CAPITAL FUND, DECA</b>					
COMMISSARY OPERATIONS .....	1,389,340	1,344,340	1,389,340		1,389,340
Civilian Personnel Compensation and Benefits .....		[−20,000]			
Commissary operations .....		[−25,000]			
<b>TOTAL WORKING CAPITAL FUND, DECA .....</b>	<b>1,389,340</b>	<b>1,344,340</b>	<b>1,389,340</b>		<b>1,389,340</b>
<b>WORKING CAPITAL FUND, DEFENSE-WIDE</b>					
<b>ENERGY MANAGEMENT—DEFENSE</b>					
SUPPLY CHAIN MANAGEMENT—DEFENSE .....	47,018	47,018	47,018		47,018
<b>TOTAL WORKING CAPITAL FUND, DEFENSE-WIDE .....</b>	<b>47,018</b>	<b>47,018</b>	<b>47,018</b>		<b>47,018</b>

<b>NATIONAL DEFENSE SEALIFT FUND</b>					
<b>NATIONAL DEF SEALIFT VESSEL</b>					
LG MED SPD RO/RO MAINTENANCE .....	135,800	135,800	135,800		135,800
DOD MOBILIZATION ALTERATIONS .....	11,197	11,197	11,197		11,197
TAH MAINTENANCE .....	54,453	54,453	54,453		54,453
RESEARCH AND DEVELOPMENT .....	18,622	18,622	18,622		18,622
READY RESERVE FORCES .....	289,255	296,255	296,255	7,000	296,255
Strategic Sealift SLEP .....		[7,000]	[7,000]	[7,000]	
<b>TOTAL NATIONAL DEFENSE SEALIFT FUND .....</b>	<b>509,327</b>	<b>516,327</b>	<b>516,327</b>	<b>7,000</b>	<b>516,327</b>
<b>CHEM AGENTS &amp; MUNITIONS DESTRUCTION</b>					
CHEM DEMILITARIZATION—O&M .....	104,237	104,237	104,237		104,237
CHEM DEMILITARIZATION—RDT&E .....	839,414	839,414	839,414		839,414
CHEM DEMILITARIZATION—PROC .....	18,081	18,081	18,081		18,081
<b>TOTAL CHEM AGENTS &amp; MUNITIONS DESTRUCTION .....</b>	<b>961,732</b>	<b>961,732</b>	<b>961,732</b>		<b>961,732</b>
<b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b>					
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE .....	674,001	701,001	674,001	31,000	705,001
Administrative Overhead .....		[-2,000]			
National Guard counter-drug programs .....		[10,000]		[10,000]	
SOUTHCOM ISR .....		[21,000]		[21,000]	
Travel, Infrastructure, Support .....		[-2,000]			
DRUG DEMAND REDUCTION PROGRAM .....	116,813	116,813	116,813		116,813
<b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF .....</b>	<b>790,814</b>	<b>817,814</b>	<b>790,814</b>	<b>31,000</b>	<b>821,814</b>
<b>OFFICE OF THE INSPECTOR GENERAL</b>					
OPERATION AND MAINTENANCE .....	334,087	334,087	329,087		334,087
Program decrease .....			[-5,000]		
RDT&E .....	2,800	2,800	2,800		2,800
<b>TOTAL OFFICE OF THE INSPECTOR GENERAL .....</b>	<b>336,887</b>	<b>336,887</b>	<b>331,887</b>		<b>336,887</b>

**SEC. 4501. OTHER AUTHORIZATIONS**  
(In Thousands of Dollars)

Program Title	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>DEFENSE HEALTH PROGRAM</b>					
IN-HOUSE CARE .....	9,457,768	9,475,768	9,457,768	8,000	9,465,768
Maintenance of inpatient capabilities of OCONUS MTFs .....		[10,000]			
Pre-mobilization health care under section 12304b .....		[8,000]		[8,000]	
PRIVATE SECTOR CARE .....	15,317,732	15,317,732	15,317,732		15,317,732
CONSOLIDATED HEALTH SUPPORT .....	2,193,045	2,193,045	2,193,045		2,193,045
INFORMATION MANAGEMENT .....	1,803,733	1,803,733	1,803,733		1,803,733
MANAGEMENT ACTIVITIES .....	330,752	321,752	330,752		330,752
Program decrease .....		[-9,000]			
EDUCATION AND TRAINING .....	737,730	737,730	737,730		737,730
BASE OPERATIONS/COMMUNICATIONS .....	2,255,163	2,255,163	2,255,163		2,255,163
RESEARCH .....	9,796	9,796	9,796		9,796
EXPLORATRY DEVELOPMENT .....	64,881	64,881	64,881		64,881
ADVANCED DEVELOPMENT .....	246,268	276,268	246,268		246,268
Program increase for hypoxia research .....		[5,000]			
Research of chronic traumatic encephalopathy .....		[25,000]			
DEMONSTRATION/VALIDATION .....	99,039	99,039	99,039		99,039
ENGINEERING DEVELOPMENT .....	170,602	170,602	170,602		170,602
MANAGEMENT AND SUPPORT .....	69,191	69,191	69,191		69,191
CAPABILITIES ENHANCEMENT .....	13,438	13,438	13,438		13,438
INITIAL OUTFITTING .....	26,978	26,978	26,978		26,978
REPLACEMENT & MODERNIZATION .....	360,831	360,831	360,831		360,831
<b>THEATER MEDICAL INFORMATION PROGRAM</b>					
JOINT OPERATIONAL MEDICINE INFORMATION SYSTEM .....	8,326	8,326	8,326		8,326
DOD HEALTHCARE MANAGEMENT SYSTEM MODERNIZATION .....	499,193	499,193	499,193		499,193
UNDISTRIBUTED .....		-157,600		-219,600	-219,600
Change to Pharmacy Copayments .....				[-62,000]	

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Foreign Currency adjustments .....		[−15,500]		[−15,500]	
Historical unobligated balances .....		[−142,100]		[−142,100]	
<b>TOTAL DEFENSE HEALTH PROGRAM .....</b>	<b>33,664,466</b>	<b>33,545,866</b>	<b>33,664,466</b>	<b>−211,600</b>	<b>33,452,866</b>
<b>TOTAL OTHER AUTHORIZATIONS .....</b>	<b>37,849,822</b>	<b>37,770,333</b>	<b>37,901,922</b>	<b>−173,600</b>	<b>37,676,222</b>

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**SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS.**

**SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Program Title	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>WORKING CAPITAL FUND, ARMY</b>					
<b>INDUSTRIAL OPERATIONS</b>					
SUPPLY MANAGEMENT—ARMY .....	50,111				50,111
ERI costs transfer from OCO to base .....		[-50,111]	[-50,111]		
<b>TOTAL WORKING CAPITAL FUND, ARMY .....</b>	<b>50,111</b>				<b>50,111</b>
<b>WORKING CAPITAL FUND, DEFENSE-WIDE</b>					
ENERGY MANAGEMENT—DEFENSE .....	70,000	70,000	70,000		70,000
SUPPLY CHAIN MANAGEMENT—DEFENSE .....	28,845	28,845	28,845		28,845
<b>TOTAL WORKING CAPITAL FUND, DEFENSE-WIDE .....</b>	<b>98,845</b>	<b>98,845</b>	<b>98,845</b>		<b>98,845</b>
<b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b>					
DRUG INTERDICTION AND COUNTER-DRUG ACTIVITIES, DEFENSE .....	196,300	196,300	196,300		196,300
<b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF .....</b>	<b>196,300</b>	<b>196,300</b>	<b>196,300</b>		<b>196,300</b>
<b>OFFICE OF THE INSPECTOR GENERAL</b>					
OPERATION AND MAINTENANCE .....	24,692	24,692	24,692		24,692
<b>TOTAL OFFICE OF THE INSPECTOR GENERAL .....</b>	<b>24,692</b>	<b>24,692</b>	<b>24,692</b>		<b>24,692</b>
<b>DEFENSE HEALTH PROGRAM</b>					
IN-HOUSE CARE .....	61,857	61,857	61,857		61,857
PRIVATE SECTOR CARE .....	331,968	331,968	331,968		331,968
CONSOLIDATED HEALTH SUPPORT .....	1,980	1,980	1,980		1,980
<b>TOTAL DEFENSE HEALTH PROGRAM .....</b>	<b>395,805</b>	<b>395,805</b>	<b>395,805</b>		<b>395,805</b>



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<b>TOTAL OTHER AUTHORIZATIONS</b> .....	<b>765,753</b>	<b>715,642</b>	<b>715,642</b>	<b>765,753</b>
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## TITLE XLVI—MILITARY CONSTRUCTION

### SEC. 4601. MILITARY CONSTRUCTION.

SEC. 4601. MILITARY CONSTRUCTION (In Thousands of Dollars)								
Account	State/ Country	Installation	Project Title	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
Army	ALABAMA	Fort Rucker	TRAINING SUPPORT FACILITY	38,000	38,000	38,000		38,000
Army	ARIZONA	Davis-Monthan AFB	GENERAL INSTRUCTION BUILDING	22,000	22,000	22,000		22,000
Army	ARIZONA	Fort Huachuca	GROUND TRANSPORT EQUIPMENT BUILDING	30,000	30,000	30,000		30,000
Army	CALIFORNIA	Fort Irwin	LAND ACQUISITION	3,000	3,000	3,000		3,000
Army	COLORADO	Fort Carson	AMMUNITION SUPPLY POINT	21,000	21,000	21,000		21,000
Army	COLORADO	Fort Carson	BATTLEFIELD WEATHER FACILITY	8,300	8,300	8,300		8,300
Army	FLORIDA	Eglin AFB	MULTIPURPOSE RANGE COMPLEX	18,000	18,000	18,000		18,000
Army	GEORGIA	Fort Benning	AIR TRAFFIC CONTROL TOWER	0	10,800	10,800	10,800	10,800
Army	GEORGIA	Fort Benning	TRAINING SUPPORT FACILITY	28,000	28,000	28,000		28,000
Army	GEORGIA	Fort Gordon	ACCESS CONTROL POINT	33,000	33,000	33,000		33,000
Army	GEORGIA	Fort Gordon	AUTOMATION-AIDED INSTRUCTIONAL BUILDING	18,500	18,500	18,500		18,500
Army	GERMANY	Stuttgart	COMMISSARY	40,000	40,000	40,000		40,000
Army	GERMANY	Wiesbaden	ADMINISTRATIVE BUILDING	43,000	43,000	43,000		43,000
Army	HAWAII	Fort Shafter	COMMAND AND CONTROL FACILITY, INCR 3	90,000	90,000	90,000		90,000
Army	HAWAII	Pohakuloa Training Area	OPERATIONAL READINESS TRAINING COMPLEX (BAR-RACKS)	0	0	25,000	25,000	25,000
Army	INDIANA	Crane Army Ammunition Activity	SHIPPING AND RECEIVING BUILDING	24,000	24,000	24,000		24,000
Army	KOREA	Kunsan AB	UNMANNED AERIAL VEHICLE HANGAR	53,000	53,000	53,000		53,000
Army	NEW YORK	U.S. Military Academy	CEMETERY	22,000	22,000	22,000		22,000
Army	SOUTH CAROLINA	Fort Jackson	RECEPTION BARRACKS COMPLEX, PH1	60,000	60,000	60,000		60,000
Army	SOUTH CAROLINA	Shaw AFB	MISSION TRAINING COMPLEX	25,000	25,000	25,000		25,000
Army	TEXAS	Camp Bullis	VEHICLE MAINTENANCE SHOP	13,600	13,600	13,600		13,600
Army	TEXAS	Fort Hood	BATTALION HEADQUARTERS COMPLEX	37,000	37,000	37,000		37,000

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Army	TEXAS	Fort Hood	VEHICLE MAINTENANCE SHOP	0	33,000	33,000	33,000	33,000
Army	TURKEY	Turkey Various	FORWARD OPERATING SITE	6,400	0	6,400	-6,400	0
Army	VIRGINIA	Fort Belvoir	SECURE ADMIN/OPERATIONS FACILITY, INCR 3	14,124	14,124	14,124		14,124
Army	VIRGINIA	Joint Base Langley-Eustis	AIRCRAFT MAINTENANCE INSTRUCTIONAL BLDG	34,000	34,000	34,000		34,000
Army	VIRGINIA	Joint Base Myer-Henderson	SECURITY FENCE	20,000	20,000	20,000		20,000
Army	WASHINGTON	Joint Base Lewis-McChord	CONFINEMENT FACILITY	66,000	66,000	0		66,000
Army	WASHINGTON	Yakima	FIRE STATION	19,500	19,500	19,500		19,500
Army	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	ERI: Planning and Design	0	0	15,700		0
Army	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	HOST NATION SUPPORT	28,700	28,700	28,700		28,700
Army	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	72,770	72,770	72,770		72,770
Army	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	PRIOR YEAR SAVINGS: UNSPECIFIED MINOR CONSTRUCTION, ARMY	0	-10,000	0		0
Army	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	31,500	41,500	31,500		31,500
<b>Military Construction, Army Total</b> .....				<b>920,394</b>	<b>957,794</b>	<b>938,894</b>	<b>62,400</b>	<b>982,794</b>
Navy	ARIZONA	Yuma	ENLISTED DINING FACILITY & COMMUNITY BLDGS	36,358	36,358	36,358		36,358
Navy	CALIFORNIA	Barstow	COMBAT VEHICLE REPAIR FACILITY	36,539	36,539	36,539		36,539
Navy	CALIFORNIA	Camp Pendleton	AMMUNITION SUPPLY POINT UPGRADE	61,139	61,139	61,139		61,139
Navy	CALIFORNIA	Coronado	UNDERSEA RESCUE COMMAND OPERATIONS BUILDING	0	36,000	36,000	36,000	36,000
Navy	CALIFORNIA	Lemoore	F/A 18 AVIONICS REPAIR FACILITY REPLACEMENT	60,828	60,828	60,828		60,828
Navy	CALIFORNIA	Miramar	AIRCRAFT MAINTENANCE HANGAR (INC 2)	39,600	39,600	39,600		39,600
Navy	CALIFORNIA	Miramar	F-35 SIMULATOR FACILITY	0	47,600	47,574	47,600	47,600
Navy	CALIFORNIA	San Diego	P440 PIER 8 REPLACEMENT	0	0	108,000		0
Navy	CALIFORNIA	Twentynine Palms	POTABLE WATER TREATMENT/BLENDING FACILITY	55,099	55,099	55,099		55,099
Navy	DISTRICT OF COLUMBIA	NSA Washington	ELECTRONICS SCIENCE AND TECHNOLOGY LABORATORY	37,882	37,882	37,882		37,882
Navy	DISTRICT OF COLUMBIA	NSA Washington	WASHINGTON NAVY YARD AT/FP	60,000	14,810	0	-60,000	0
Navy	DJIBOUTI	Camp Lemonier	AIRCRAFT PARKING APRON EXPANSION	13,390	0	13,390	-13,390	0

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**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

Account	State/ Country	Installation	Project Title	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
Navy	FLORIDA	Mayport	ADVANCED WASTEWATER TREATMENT PLANT (AWWTP)	74,994	74,994	74,994		74,994
Navy	FLORIDA	Mayport	MISSILE MAGAZINES	9,824	9,824	9,824		9,824
Navy	FLORIDA	Mayport	P426 LITTORAL COMBAT SHIP (LCS) SUPPORT FACILITY (LSF)	0	0	81,000		0
Navy	FLORIDA	Mayport	P427 LITTORAL COMBAT SHIP (LCS) TRAINING FACILITY (LSF)	0	0	29,000		0
Navy	GEORGIA	Albany	COMBAT VEHICLE WAREHOUSE	0	43,300	43,308	43,300	43,300
Navy	GREECE	Souda Bay	STRATEGIC AIRCRAFT PARKING APRON EXPANSION	22,045	22,045	22,045		22,045
Navy	GUAM	Joint Region Marianas	AIRCRAFT MAINTENANCE HANGAR #2	75,233	75,233	75,233		75,233
Navy	GUAM	Joint Region Marianas	CORROSION CONTROL HANGAR	66,747	66,747	66,747		66,747
Navy	GUAM	Joint Region Marianas	MALS FACILITIES	49,431	49,431	49,431		49,431
Navy	GUAM	Joint Region Marianas	NAVY-COMMERCIAL TIE-IN HARDENING	37,180	37,180	37,180		37,180
Navy	GUAM	Joint Region Marianas	WATER WELL FIELD	56,088	56,088	56,088		56,088
Navy	HAWAII	Joint Base Pearl Harbor-Hickam	SEWER LIFT STATION & RELIEF SEWER LINE	73,200	73,200	73,200		73,200
Navy	HAWAII	Kaneohe Bay	LHD PAD CONVERSIONS MV-22 LANDING PADS	19,012	19,012	19,012		19,012
Navy	HAWAII	Kaneohe Bay	MOKAPU GATE ENTRY CONTROL AT/FP COMPLIANCE	0	0	26,492	26,492	26,492
Navy	HAWAII	Wahiawa	COMMUNICATIONS/CRYPTO FACILITY	65,864	65,864	65,864		65,864
Navy	JAPAN	Iwakuni	KC130J ENLISTED AIRCREW TRAINER FACILITY	21,860	21,860	21,860		21,860
Navy	MAINE	Kittery	PAINT, BLAST, AND RUBBER FACILITY	61,692	61,692	61,692		61,692
Navy	NORTH CAROLINA	Camp Lejeune	BACHELOR ENLISTED QUARTERS	37,983	37,983	37,983		37,983
Navy	NORTH CAROLINA	Camp Lejeune	WATER TREATMENT PLANT REPLACEMENT HADNOT PT	65,784	65,784	65,784		65,784
Navy	NORTH CAROLINA	Cherry Point Marine Corps Air Station	F-35B VERTICAL LIFT FAN TEST FACILITY	15,671	15,671	15,671		15,671
Navy	NORTH CAROLINA	Camp Lejeune	RADIO BN COMPLEX, PHASE 2	0	0	64,292		0
Navy	VIRGINIA	Dam Neck	ISR OPERATIONS FACILITY EXPANSION	29,262	29,262	29,262		29,262
Navy	VIRGINIA	Joint Expeditionary Base Little Creek—Story	ACU-4 ELECTRICAL UPGRADES	2,596	2,596	2,596		2,596

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Navy	VIRGINIA	Marine Corps Base Quantico	TBS FIRE STATION BUILDING 533 REPLACEMENT	0	0	23,738	23,738	23,738
Navy	VIRGINIA	Norfolk	CHAMBERS FIELD MAGAZINE RECAP PH 1	34,665	34,665	34,665		34,665
Navy	VIRGINIA	Portsmouth	SHIP REPAIR TRAINING FACILITY	72,990	72,990	72,990		72,990
Navy	VIRGINIA	Yorktown	BACHELOR ENLISTED QUARTERS	36,358	36,358	36,358		36,358
Navy	WASHINGTON	Indian Island	MISSILE MAGAZINES	44,440	44,440	44,440		44,440
Navy	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	ERI: Planning and Design	0	0	18,500		0
Navy	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	219,069	219,069	228,069		219,069
Navy	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	PRIOR YEAR SAVINGS: UNSPECIFIED MINOR CONSTRUCTION	0	-10,000	0		0
Navy	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	23,842	23,842	23,842		23,842
<b>Military Construction, Navy Total</b>				<b>1,616,665</b>	<b>1,674,985</b>	<b>2,043,569</b>	<b>103,740</b>	<b>1,720,405</b>
AF	ALASKA	Eielson AFB	F-35A ADAL CONVENTIONAL MUNITIONS FACILITY	2,500	2,500	2,500		2,500
AF	ALASKA	Eielson AFB	F-35A AGE FACILITY / FILLSTAND	21,000	21,000	21,000		21,000
AF	ALASKA	Eielson AFB	F-35A CONSOLIDATED MUNITIONS ADMIN FACILITY	27,000	27,000	27,000		27,000
AF	ALASKA	Eielson AFB	F-35A EXTEND UTILIDUCT TO SOUTH LOOP	48,000	48,000	48,000		48,000
AF	ALASKA	Eielson AFB	F-35A OSS/WEAPONS/INTEL FACILITY	11,800	11,800	11,800		11,800
AF	ALASKA	Eielson AFB	F-35A R-11 FUEL TRUCK SHELTER	9,600	9,600	9,600		9,600
AF	ALASKA	Eielson AFB	F-35A SATELLITE DINING FACILITY	8,000	8,000	8,000		8,000
AF	ALASKA	Eielson AFB	REPAIR CENTRAL HEAT/POWER PLANT BOILER PH 4	41,000	41,000	41,000		41,000
AF	ARKANSAS	Little Rock AFB	DORMITORY—168 PN	0	0	20,000	20,000	20,000
AF	AUSTRALIA	Darwin	APR—BULK FUEL STORAGE TANKS	76,000	76,000	76,000		76,000
AF	CALIFORNIA	Travis Air Force Base	KC-46A ADAL B14 FUEL CELL HANGAR	0	1,400	0		0
AF	CALIFORNIA	Travis Air Force Base	KC-46A AIRCRAFT 3-BAY MAINTENANCE HANGAR	0	107,000	0	107,000	107,000
AF	CALIFORNIA	Travis Air Force Base	KC-46A ALTER B181/185/187 SQUAD OPS/AMU	0	6,400	0		0
AF	CALIFORNIA	Travis Air Force Base	KC-46A ALTER B811 CORROSION CONTROL HANGAR	0	7,700	0	7,700	7,700
AF	COLORADO	Buckley Air Force Base	SBIRS OPERATIONS FACILITY	38,000	38,000	38,000		38,000
AF	COLORADO	Fort Carson	13 ASOS EXPANSION	13,000	13,000	13,000		13,000
AF	COLORADO	U.S. Air Force Academy	AIR FORCE CYBERWORX	30,000	30,000	30,000		30,000
AF	ESTONIA	Amari Air Base	ERI: POL CAPACITY PHASE II	0	0	4,700		0
AF	ESTONIA	Amari Air Base	ERI: TACTICAL FIGHTER AIRCRAFT PARKING APRON	0	0	9,200		0
AF	FLORIDA	Eglin AFB	F-35A ARMAMENT RESEARCH FAC ADDITION (B614)	8,700	8,700	8,700		8,700

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AF	FLORIDA	Eglin AFB	LONG-RANGE STAND-OFF ACQUISITION FAC	38,000	38,000	38,000		38,000
AF	FLORIDA	Eglin AFB	DORMITORIES (288 RM)	0	44,000	44,000	44,000	44,000
AF	FLORIDA	MacDill AFB	KC-135 BEDDOWN OG/MXG HQ	8,100	8,100	8,100		8,100
AF	FLORIDA	Tyndall Air Force Base	FIRE STATION	0	17,000	17,000	17,000	17,000
AF	GEORGIA	Robins AFB	COMMERCIAL VEHICLE VISITOR CONTROL FACILITY	9,800	9,800	9,800		9,800
AF	HUNGARY	Kecskemet AB	ERI: AIRFIELD UPGRADES	0	0	12,900		0
AF	HUNGARY	Kecskemet AB	ERI: CONSTRUCT PARALLEL TAXIWAY	0	0	30,000		0
AF	HUNGARY	Kecskemet AB	ERI: INCREASE POL STORAGE CAPACITY	0	0	12,500		0
AF	ICELAND	Keflavik	ERI: AIRFIELD UPGRADES	0	0	14,400		0
AF	ITALY	Aviano AB	GUARDIAN ANGEL OPERATIONS FACILITY	27,325	0	27,325	-27,325	0
AF	KANSAS	McConnell AFB	COMBAT ARMS FACILITY	17,500	17,500	17,500		17,500
AF	LATVIA	Lielvarde Air Base	ERI: EXPAND STRATEGIC RAMP PARKING	0	0	3,850		0
AF	LUXEMBOURG	Sanem	ERI: ECAOS DEPLOYABLE AIRBASE SYSTEM STOR- AGE	0	0	67,400		0
AF	MARIANA ISLANDS	Tinian	APR LAND ACQUISITION	12,900	12,900	12,900		12,900
AF	MARYLAND	Joint Base Andrews	PAR LAND ACQUISITION	17,500	17,500	17,500		17,500
AF	MARYLAND	Joint Base Andrews	PRESIDENTIAL AIRCRAFT RECAP COMPLEX	254,000	124,000	58,000	-154,000	100,000
AF	MASSACHUSETTS	Hanscom AFB	VANDENBERG GATE COMPLEX	11,400	11,400	11,400		11,400
AF	NEVADA	Nellis AFB	RED FLAG 5TH GEN FACILITY ADDITION	23,000	23,000	23,000		23,000
AF	NEVADA	Nellis AFB	VIRTUAL WARFARE CENTER OPERATIONS FACILITY	38,000	38,000	38,000		38,000
AF	NEW JERSEY	McGuire-Dix-Lakehurst	KC-46A ADAL B1749 FOR ATGL & LST SERVICING	0	2,000	0	2,000	2,000
AF	NEW JERSEY	McGuire-Dix-Lakehurst	KC-46A ADAL B1816 FOR SUPPLY	0	6,900	0	6,900	6,900
AF	NEW JERSEY	McGuire-Dix-Lakehurst	KC-46A ADAL B2319 FOR BOOM OPERATOR TRAIN- ER	0	6,100	0	6,100	6,100
AF	NEW JERSEY	McGuire-Dix-Lakehurst	KC-46A ADAL B2324 REGIONAL MX TRAINING FAC	0	18,000	0	18,000	18,000
AF	NEW JERSEY	McGuire-Dix-Lakehurst	KC-46A ADAL B3209 FOR FUSELAGE TRAINER	0	3,300	0	3,300	3,300
AF	NEW JERSEY	McGuire-Dix-Lakehurst	KC-46A ADD TO B1837 FOR BODY TANKS STORAGE	0	2,300	0	2,300	2,300
AF	NEW JERSEY	McGuire-Dix-Lakehurst	KC-46A AEROSPACE GROUND EQUIPMENT STORAGE	0	4,100	0	4,100	4,100
AF	NEW JERSEY	McGuire-Dix-Lakehurst	KC-46A ALTER APRON & FUEL HYDRANTS	0	17,000	0	17,000	17,000
AF	NEW JERSEY	McGuire-Dix-Lakehurst	KC-46A ALTER BLDGS FOR OPS AND TFI AMU-AMXS	0	9,000	0	9,000	9,000

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AF	NEW JERSEY	McGuire-Dix-Lakehurst	KC-46A ALTER FACILITIES FOR MAINTENANCE	0	5,800	0	5,800	5,800
AF	NEW JERSEY	McGuire-Dix-Lakehurst	KC-46A TWO-BAY GENERAL PURPOSE MAINTENANCE HANGAR	0	72,000	0	72,000	72,000
AF	NEW MEXICO	Cannon AFB	DANGEROUS CARGO PAD RELOCATE CATM	42,000	42,000	42,000		42,000
AF	NEW MEXICO	Holloman AFB	RPA FIXED GROUND CONTROL STATION FACILITY	4,250	4,250	4,250		4,250
AF	NEW MEXICO	Kirtland Air Force Base	FIRE STATION	0	9,300	9,300	9,300	9,300
AF	NORTH DAKOTA	Minot AFB	INDOOR FIRING RANGE	27,000	27,000	27,000		27,000
AF	NORWAY	Rygge	ERI: REPLACE/EXPAND QUICK REACTION ALERT PAD	0	0	10,300		0
AF	OHIO	Wright-Patterson AFB	FIRE/CRASH RESCUE STATION	0	0	6,800	6,800	6,800
AF	OKLAHOMA	Altus AFB	FIRE RESCUE CENTER	0	0	16,000	16,000	16,000
AF	OKLAHOMA	Altus AFB	KC-46A FTU FUSELAGE TRAINER PHASE 2	4,900	4,900	4,900		4,900
AF	QATAR	Al Udeid	CONSOLIDATED SQUADRON OPERATIONS FACILITY	15,000	0	15,000	-15,000	0
AF	ROMANIA	Campia Turzii	ERI: UPGRADE UTILITIES INFRASTRUCTURE	0	0	2,950		0
AF	SLOVAKIA	Malacky	ERI: AIRFIELD UPGRADES	0	0	4,000		0
AF	SLOVAKIA	Malacky	ERI: INCREASE POL STORAGE CAPACITY	0	0	20,000		0
AF	SLOVAKIA	Sliac Airport	ERI: AIRFIELD UPGRADES	0	0	22,000		0
AF	TEXAS	Joint Base San Antonio	AIR TRAFFIC CONTROL TOWER	10,000	10,000	10,000		10,000
AF	TEXAS	Joint Base San Antonio	BMT CLASSROOMS/DINING FACILITY 4	38,000	38,000	38,000		38,000
AF	TEXAS	Joint Base San Antonio	BMT RECRUIT DORMITORY 7	90,130	90,130	90,130		90,130
AF	TEXAS	Joint Base San Antonio	CAMP BULLIS DINING FACILITY	18,500	18,500	18,500		18,500
AF	TURKEY	Incirlık AB	DORMITORY—216 PN	25,997	0	25,997	-25,997	0
AF	UNITED KINGDOM	Royal Air Force Fairford	EIC RC-135 INFRASTRUCTURE	2,150	2,150	2,150		2,150
AF	UNITED KINGDOM	Royal Air Force Fairford	EIC RC-135 INTEL AND SQUAD OPS FACILITY	38,000	38,000	38,000		38,000
AF	UNITED KINGDOM	Royal Air Force Fairford	EIC RC-135 RUNWAY OVERRUN RECONFIGURATION	5,500	5,500	5,500		5,500
AF	UNITED KINGDOM	Royal Air Force Lakenheath	CONSOLIDATED CORROSION CONTROL FACILITY	20,000	20,000	20,000		20,000
AF	UNITED KINGDOM	Royal Air Force Lakenheath	F-35A 6-BAY HANGAR	24,000	24,000	24,000		24,000
AF	UNITED KINGDOM	Royal Air Force Lakenheath	F-35A F-15 PARKING	10,800	10,800	10,800		10,800
AF	UNITED KINGDOM	Royal Air Force Lakenheath	F-35A FIELD TRAINING DETACHMENT FACILITY	12,492	12,492	12,492		12,492
AF	UNITED KINGDOM	Royal Air Force Lakenheath	F-35A FLIGHT SIMULATOR FACILITY	22,000	22,000	22,000		22,000
AF	UNITED KINGDOM	Royal Air Force Lakenheath	F-35A INFRASTRUCTURE	6,700	6,700	6,700		6,700

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Account	State/ Country	Installation	Project Title	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
AF	UNITED KINGDOM	Royal Air Force Lakenheath	F-35A SQUADRON OPERATIONS AND AMU	41,000	41,000	41,000		41,000
AF	UTAH	Hill AFB	UTTR CONSOLIDATED MISSION CONTROL CENTER	28,000	28,000	28,000		28,000
AF	WORLDWIDE	Unspecified Worldwide Locations	KC-46A MAIN OPERATING BASE 4	269,000	0	253,000	-269,000	0
AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	ERI: PLANNING AND DESIGN	0	0	56,630		0
AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	97,852	97,852	97,852		97,852
AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	0	0	56,400	56,400	56,400
AF	WORLDWIDE UN-SPECIFIED	Various Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	31,400	31,400	31,400		31,400
AF	WYOMING	F. E. Warren AFB	CONSOLIDATED HELO/TRF OPS/AMU AND ALERT FAC	62,000	62,000	62,000		62,000
<b>Military Construction, Air Force Total</b>				<b>1,738,796</b>	<b>1,610,774</b>	<b>1,967,126</b>	<b>-60,622</b>	<b>1,678,174</b>
Def-Wide	ALASKA	Fort Greely	MISSILE FIELD #4	200,000				200,000
Def-Wide	CALIFORNIA	Camp Pendleton	AMBULATORY CARE CENTER REPLACEMENT	26,400	26,400	26,400		26,400
Def-Wide	CALIFORNIA	Camp Pendleton	SOF MARINE BATTALION COMPANY/TEAM FACILITIES	9,958	9,958	9,958		9,958
Def-Wide	CALIFORNIA	Camp Pendleton	SOF MOTOR TRANSPORT FACILITY EXPANSION	7,284	7,284	7,284		7,284
Def-Wide	CALIFORNIA	Coronado	SOF BASIC TRAINING COMMAND	96,077	96,077	96,077		96,077
Def-Wide	CALIFORNIA	Coronado	SOF LOGISTICS SUPPORT UNIT ONE OPS FAC. #3	46,175	46,175	46,175		46,175
Def-Wide	CALIFORNIA	Coronado	SOF SEAL TEAM OPS FACILITY	50,265	50,265	50,265		50,265
Def-Wide	CALIFORNIA	Coronado	SOF SEAL TEAM OPS FACILITY	66,218	66,218	66,218		66,218
Def-Wide	COLORADO	Schriever AFB	AMBULATORY CARE CENTER/DENTAL ADD./ALT.	10,200	10,200	10,200		10,200
Def-Wide	CONUS CLASSIFIED	Classified Location	BATTALION COMPLEX, PH 1	64,364	64,364	64,364		64,364
Def-Wide	FLORIDA	Eglin AFB	SOF SIMULATOR FACILITY	5,000	5,000	5,000		5,000
Def-Wide	FLORIDA	Eglin AFB	UPGRADE OPEN STORAGE YARD	4,100	4,100	4,100		4,100
Def-Wide	FLORIDA	Hurlburt Field	SOF COMBAT AIRCRAFT PARKING APRON	34,700	34,700	34,700		34,700



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Def-Wide	FLORIDA	Hurlburt Field	SOF SIMULATOR & FUSELAGE TRAINER FACILITY	11,700	11,700	11,700		11,700
Def-Wide	GEORGIA	Fort Gordon	BLOOD DONOR CENTER REPLACEMENT	10,350	10,350	10,350		10,350
Def-Wide	GERMANY	Rhine Ordnance Barracks	MEDICAL CENTER REPLACEMENT INCR 7	106,700	106,700	106,700		106,700
Def-Wide	GERMANY	Spangdahlem AB	SPANGDAHLEM ELEMENTARY SCHOOL REPLACEMENT	79,141	79,141	79,141		79,141
Def-Wide	GERMANY	Stuttgart	ROBINSON BARRACKS ELEM. SCHOOL REPLACEMENT	46,609	46,609	46,609		46,609
Def-Wide	GREECE	Souda Bay	CONSTRUCT HYDRANT SYSTEM	18,100	18,100	18,100		18,100
Def-Wide	GUAM	Andersen AFB	CONSTRUCT TRUCK LOAD & UNLOAD FACILITY	23,900	23,900	23,900		23,900
Def-Wide	HAWAII	Kunia	NSAH KUNIA TUNNEL ENTRANCE	5,000	5,000	5,000		5,000
Def-Wide	ITALY	Sigonella	CONSTRUCT HYDRANT SYSTEM	22,400	0	22,400	-22,400	0
Def-Wide	ITALY	Vicenza	VICENZA HIGH SCHOOL REPLACEMENT	62,406	62,406	62,406		62,406
Def-Wide	JAPAN	Iwakuni	CONSTRUCT BULK STORAGE TANKS PH 1	30,800	30,800	30,800		30,800
Def-Wide	JAPAN	Kadena AB	SOF MAINTENANCE HANGAR	3,972	3,972	3,972		3,972
Def-Wide	JAPAN	Kadena AB	SOF SPECIAL TACTICS OPERATIONS FACILITY	27,573	27,573	27,573		27,573
Def-Wide	JAPAN	Okinawa	REPLACE MOORING SYSTEM	11,900	11,900	11,900		11,900
Def-Wide	JAPAN	Sasebo	UPGRADE FUEL WHARF	45,600	45,600	45,600		45,600
Def-Wide	JAPAN	Torri Commo Station	SOF TACTICAL EQUIPMENT MAINTENANCE FAC	25,323	25,323	25,323		25,323
Def-Wide	JAPAN	Yokota AB	AIRFIELD APRON	10,800	10,800	10,800		10,800
Def-Wide	JAPAN	Yokota AB	HANGAR/AIRCRAFT MAINTENANCE UNIT	12,034	12,034	12,034		12,034
Def-Wide	JAPAN	Yokota AB	OPERATIONS AND WAREHOUSE FACILITIES	8,590	8,590	8,590		8,590
Def-Wide	JAPAN	Yokota AB	SIMULATOR FACILITY	2,189	2,189	2,189		2,189
Def-Wide	MARYLAND	Bethesda Naval Hospital	MEDICAL CENTER ADDITION/ALTERATION INCR 2	123,800	123,800	123,800		123,800
Def-Wide	MARYLAND	Fort Meade	NSAW RECAPITALIZE BUILDING #2 INCR 3	313,968	313,968	313,968		313,968
Def-Wide	MISSOURI	Fort Leonard Wood	BLOOD PROCESSING CENTER REPLACEMENT	11,941	0	11,941		11,941
Def-Wide	MISSOURI	Fort Leonard Wood	HOSPITAL REPLACEMENT	250,000	150,000	50,000	-150,000	100,000
Def-Wide	MISSOURI	St. Louis	NEXT NGA WEST (N2W) COMPLEX, PHASE 1	381,000	200,000	50,000	-206,000	175,000
Def-Wide	NEW MEXICO	Cannon AFB	SOF C-130 AGE FACILITY	8,228	8,228	8,228		8,228
Def-Wide	NORTH CAROLINA	Camp Lejeune	AMBULATORY CARE CENTER ADDITION/ALTERATION	15,300	15,300	15,300		15,300
Def-Wide	NORTH CAROLINA	Camp Lejeune	AMBULATORY CARE CENTER/DENTAL CLINIC	22,000	22,000	22,000		22,000
Def-Wide	NORTH CAROLINA	Camp Lejeune	AMBULATORY CARE CENTER/DENTAL CLINIC	21,400	21,400	21,400		21,400
Def-Wide	NORTH CAROLINA	Camp Lejeune	SOF HUMAN PERFORMANCE TRAINING CENTER	10,800	10,800	10,800		10,800
Def-Wide	NORTH CAROLINA	Camp Lejeune	SOF MOTOR TRANSPORT MAINTENANCE EXPANSION	20,539	20,539	20,539		20,539
Def-Wide	NORTH CAROLINA	Fort Bragg	SOF HUMAN PERFORMANCE TRAINING CTR	20,260	20,260	20,260		20,260
Def-Wide	NORTH CAROLINA	Fort Bragg	SOF SUPPORT BATTALION ADMIN FACILITY	13,518	13,518	13,518		13,518
Def-Wide	NORTH CAROLINA	Fort Bragg	SOF TACTICAL EQUIPMENT MAINTENANCE FACILITY	20,000	20,000	20,000		20,000
Def-Wide	NORTH CAROLINA	Fort Bragg	SOF TELECOMM RELIABILITY IMPROVEMENTS	4,000	4,000	4,000		4,000
Def-Wide	NORTH CAROLINA	Seymour Johnson AFB	CONSTRUCT TANKER TRUCK DELIVERY SYSTEM	20,000	20,000	20,000		20,000

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Account	State/ Country	Installation	Project Title	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
Def-Wide	PUERTO RICO	Punta Borinquen	RAMEY UNIT SCHOOL REPLACEMENT	61,071	61,071	61,071		61,071
Def-Wide	SOUTH CAROLINA	Shaw AFB	CONSOLIDATE FUEL FACILITIES	22,900	22,900	22,900		22,900
Def-Wide	TEXAS	Fort Bliss	BLOOD PROCESSING CENTER	8,300	0	8,300		8,300
Def-Wide	TEXAS	Fort Bliss	HOSPITAL REPLACEMENT INCR 8	251,330	251,330	251,330		251,330
Def-Wide	UNITED KINGDOM	Menwith Hill Station	RAFMH MAIN GATE REHABILITATION	11,000	11,000	11,000		11,000
Def-Wide	UTAH	Hill AFB	REPLACE POL FACILITIES	20,000	20,000	20,000		20,000
Def-Wide	VIRGINIA	Joint Expeditionary Base Little Creek—Story	SOF SATEC RANGE EXPANSION	23,000	23,000	23,000		23,000
Def-Wide	VIRGINIA	Norfolk	REPLACE HAZARDOUS MATERIALS WAREHOUSE	18,500	18,500	18,500		18,500
Def-Wide	VIRGINIA	Pentagon	PENTAGON CORR 8 PEDESTRIAN ACCESS CONTROL PT	8,140	8,140	8,140		8,140
Def-Wide	VIRGINIA	Pentagon	S.E. SAFETY TRAFFIC AND PARKING IMPROVEMENTS	28,700	28,700	28,700		28,700
Def-Wide	VIRGINIA	Pentagon	SECURITY UPDATES	13,260	13,260	13,260		13,260
Def-Wide	VIRGINIA	Portsmouth	REPLACE HAZARDOUS MATERIALS WAREHOUSE	22,500	22,500	22,500		22,500
Def-Wide	WORLDWIDE UN- SPECIFIED	Unspecified Worldwide Lo- cations	CONTINGENCY CONSTRUCTION	10,000	0	10,000	-10,000	0
Def-Wide	WORLDWIDE UN- SPECIFIED	Unspecified Worldwide Lo- cations	ENERGY RESILIENCE AND CONSERV. INVEST. PROG.	150,000	150,000	176,500	15,000	165,000
Def-Wide	WORLDWIDE UN- SPECIFIED	Unspecified Worldwide Lo- cations	ERCIP DESIGN	10,000	10,000	10,000		10,000
Def-Wide	WORLDWIDE UN- SPECIFIED	Unspecified Worldwide Lo- cations	EXERCISE RELATED MINOR CONSTRUCTION	11,490	11,490	11,490		11,490
Def-Wide	WORLDWIDE UN- SPECIFIED	Unspecified Worldwide Lo- cations	PLANNING & DESIGN	23,012	23,012	23,012		23,012
Def-Wide	WORLDWIDE UN- SPECIFIED	Unspecified Worldwide Lo- cations	PLANNING & DESIGN MDA EAST COAST SITE	0	10,000	0		0
Def-Wide	WORLDWIDE UN- SPECIFIED	Unspecified Worldwide Lo- cations	PLANNING AND DESIGN	0	0	1,150		0
Def-Wide	WORLDWIDE UN- SPECIFIED	Unspecified Worldwide Lo- cations	PLANNING AND DESIGN	0	0	1,900		0

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Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	39,746	39,746	39,746	39,746	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	40,220	40,220	40,220	40,220	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	1,150	1,150	1,150	1,150	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	1,942	1,942	1,942	1,942	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	26,147	26,147	26,147	26,147	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	20,000	20,000	20,000	20,000	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	13,500	13,500	13,500	13,500	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PRIOR YEAR SAVINGS: DEFENSE WIDE UNSPECIFIED MINOR CONSTRUCTION	0	-27,440	0	0	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	8,000	8,000	8,000	8,000	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	3,000	3,000	3,000	3,000	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	3,000	3,000	3,000	3,000	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	3,000	3,000	3,000	3,000	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	7,384	7,384	7,384	7,384	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	10,000	10,000	10,000	10,000	
Def-Wide	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	2,039	2,039	2,039	2,039	
<b>Military Construction, Defense-Wide Total</b>				<b>3,314,913</b>	<b>2,763,832</b>	<b>2,613,463</b>	<b>-373,400</b>	<b>2,941,513</b>
NATO	WORLDWIDE UN-SPECIFIED	NATO Security Investment Program	NATO SECURITY INVESTMENT PROGRAM	154,000	177,932	154,000	154,000	

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NATO	WORLDWIDE UN-SPECIFIED	NATO Security Investment Program	PRIOR YEAR SAVINGS: NATO SECURITY INVESTMENT PROGRAM	0	-25,000	0		0
<b>NATO Security Investment Program Total</b>				<b>154,000</b>	<b>152,932</b>	<b>154,000</b>	<b>0</b>	<b>154,000</b>
Army NG	DELAWARE	New Castle	COMBINED SUPPORT MAINTENANCE SHOP	36,000	36,000	36,000		36,000
Army NG	IDAHO	MTC Gowen	ENLISTED BARRACKS TRANSIENT TRAINING	0	9,000	9,000	9,000	9,000
Army NG	IDAHO	Orchard Training Area	DIGITAL AIR/GROUND INTEGRATION RANGE	22,000	22,000	22,000		22,000
Army NG	IOWA	Camp Dodge	VEHICLE MAINTENANCE INSTRUCTIONAL FACILITY	0	0	8,500	8,500	8,500
Army NG	KANSAS	Fort Leavenworth	ENLISTED BARRACKS TRANSIENT TRAINING	0	0	19,000	19,000	19,000
Army NG	MAINE	Presque Isle	NATIONAL GUARD READINESS CENTER	17,500	17,500	17,500		17,500
Army NG	MARYLAND	Sykesville	NATIONAL GUARD READINESS CENTER	19,000	19,000	19,000		19,000
Army NG	MINNESOTA	Arden Hills	NATIONAL GUARD READINESS CENTER	39,000	39,000	39,000		39,000
Army NG	MISSOURI	Springfield	AIRCRAFT MAINTENANCE HANGAR (ADDITION)	0	32,000	32,000	32,000	32,000
Army NG	NEW MEXICO	Las Cruces	NATIONAL GUARD READINESS CENTER ADDITION	8,600	8,600	8,600		8,600
Army NG	VIRGINIA	Fort Belvoir	READINESS CENTER ADD/ALT	0	15,000	15,000	15,000	15,000
Army NG	VIRGINIA	Fort Pickett	TRAINING AIDS CENTER	4,550	4,550	4,550		4,550
Army NG	WASHINGTON	Tumwater	NATIONAL GUARD READINESS CENTER	31,000	31,000	31,000		31,000
Army NG	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	16,271	16,271	16,271		16,271
Army NG	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	16,731	16,731	16,731		16,731
<b>Military Construction, Army National Guard Total</b>				<b>210,652</b>	<b>266,652</b>	<b>294,152</b>	<b>83,500</b>	<b>294,152</b>
Army Res	CALIFORNIA	Fallbrook	ARMY RESERVE CENTER	36,000	36,000	36,000		36,000
Army Res	DELAWARE	Newark	ARMY RESERVE CENTER	0	0	19,500		0
Army Res	OHIO	Wright-Patterson AFB	AREA MAINTENANCE SUPPORT ACTIVITY	0	0	9,100		0
Army Res	PUERTO RICO	Aguadilla	ARMY RESERVE CENTER	12,400	12,400	12,400		12,400
Army Res	PUERTO RICO	Fort Buchanan	RESERVE CENTER	0	26,000	0	26,000	26,000
Army Res	WASHINGTON	Lewis-McCord	RESERVE CENTER	0	30,000	30,000	30,000	30,000
Army Res	WISCONSIN	Fort McCoy	AT/MOB DINING FACILITY-1428 PN	13,000	13,000	13,000		13,000

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Army Res	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	6,887	6,887	6,887		6,887
Army Res	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	5,425	5,425	5,425		5,425
<b>Military Construction, Army Reserve Total</b>				<b>73,712</b>	<b>129,712</b>	<b>132,312</b>	<b>56,000</b>	<b>129,712</b>
N/MC Res	CALIFORNIA	Lemoore	NAVAL OPERATIONAL SUPPORT CENTER LEMOORE	17,330	17,330	17,330		17,330
N/MC Res	GEORGIA	Fort Gordon	NAVAL OPERATIONAL SUPPORT CENTER FORT GORDON	17,797	17,797	17,797		17,797
N/MC Res	NEW JERSEY	Joint Base McGuire-Dix-Lakehurst	AIRCRAFT APRON, TAXIWAY & SUPPORT FACILITIES	11,573	11,573	11,573		11,573
N/MC Res	TEXAS	Fort Worth	KC130-J EACTS FACILITY	12,637	12,637	12,637		12,637
N/MC Res	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING & DESIGN	4,430	4,430	4,430		4,430
N/MC Res	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	1,504	1,504	1,504		1,504
<b>Military Construction, Naval Reserve Total</b>				<b>65,271</b>	<b>65,271</b>	<b>65,271</b>	<b>0</b>	<b>65,271</b>
Air NG	CALIFORNIA	March AFB	TFI CONSTRUCT RPA FLIGHT TRAINING UNIT	15,000	15,000	15,000		15,000
Air NG	COLORADO	Peterson AFB	SPACE CONTROL FACILITY	8,000	8,000	8,000		8,000
Air NG	CONNECTICUT	Bradley IAP	CONSTRUCT BASE ENTRY COMPLEX	7,000	7,000	7,000		7,000
Air NG	INDIANA	Fort Wayne International Airport	ADD TO BUILDING 764 FOR WEAPONS RELEASE	0	1,900	0		0
Air NG	INDIANA	Hulman Regional Airport	CONSTRUCT SMALL ARMS RANGE	0	8,000	8,000	8,000	8,000
Air NG	KENTUCKY	Louisville IAP	ADD/ALTER RESPONSE FORCES FACILITY	9,000	9,000	9,000		9,000
Air NG	MISSISSIPPI	Jackson International Airport	CONSTRUCT SMALL ARMS RANGE	0	8,000	8,000	8,000	8,000
Air NG	MISSOURI	Rosecrans Memorial Airport	REPLACE COMMUNICATIONS FACILITY	10,000	10,000	10,000		10,000
Air NG	NEW YORK	Hancock Field	ADD TO FLIGHT TRAINING UNIT, BUILDING 641	6,800	6,800	6,800		6,800
Air NG	OHIO	Rickenbacker International Airport	CONSTRUCT SMALL ARMS RANGE	0	8,000	0		0
Air NG	OHIO	Toledo Express Airport	NORTHCOM—CONSTRUCT ALERT HANGAR	15,000	15,000	15,000		15,000
Air NG	OKLAHOMA	Tulsa International Airport	CONSTRUCT SMALL ARMS RANGE	0	8,000	8,000	8,000	8,000
Air NG	OREGON	Klamath Falls IAP	CONSTRUCT CORROSION CONTROL HANGAR	10,500	10,500	10,500		10,500
Air NG	OREGON	Klamath Falls IAP	CONSTRUCT INDOOR RANGE	8,000	8,000	8,000		8,000

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Air NG	SOUTH DAKOTA	Joe Foss Field	AIRCRAFT MAINTENANCE SHOPS	12,000	12,000	12,000		12,000
Air NG	TENNESSEE	McGhee-Tyson Airport	REPLACE KC-135 MAINTENANCE HANGAR AND SHOPS	25,000	25,000	25,000		25,000
Air NG	WISCONSIN	Dane County Regional Airport/Truax Field	CONSTRUCT SMALL ARMS RANGE	0	8,000	0	8,000	8,000
Air NG	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	18,000	18,000	18,000		18,000
Air NG	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING AND DESIGN	0	0	2,000	2,000	2,000
Air NG	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	17,191	17,191	17,191		17,191
<b>Military Construction, Air National Guard Total .....</b>				<b>161,491</b>	<b>203,391</b>	<b>187,491</b>	<b>34,000</b>	<b>195,491</b>
AF Res	FLORIDA	Patrick AFB	GUARDIAN ANGEL FACILITY	25,000	25,000	25,000		25,000
AF Res	GEORGIA	Robins Air Force Base	CONSOLIDATED MISSION COMPLEX PHASE 2	0	32,000	32,000	32,000	32,000
AF Res	GUAM	Joint Region Marianas	RESERVE MEDICAL TRAINING FACILITY	5,200	5,200	5,200		5,200
AF Res	HAWAII	Joint Base Pearl Harbor-Hickam	CONSOLIDATED TRAINING FACILITY	5,500	5,500	5,500		5,500
AF Res	MASSACHUSETTS	Westover ARB	INDOOR SMALL ARMS RANGE	10,000	10,000	10,000		10,000
AF Res	MASSACHUSETTS	Westover ARB	MAINTENANCE FACILITY SHOPS	0	0	51,100		0
AF Res	MINNESOTA	Minneapolis-St. Paul IAP	INDOOR SMALL ARMS RANGE	0	9,000	9,000	9,000	9,000
AF Res	NORTH CAROLINA	Seymour Johnson AFB	KC-46A ADAL FOR ALT MISSION STORAGE	6,400	6,400	6,400		6,400
AF Res	TEXAS	NAS JRB Fort Worth	MUNITIONS TRAINING/ADMIN FACILITY	0	3,100	3,100	3,100	3,100
AF Res	UTAH	Hill AFB	ADD/ALTER LIFE SUPPORT FACILITY	3,100	3,100	3,100		3,100
AF Res	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING & DESIGN	0	0	13,500		0
AF Res	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING & DESIGN	4,725	4,725	4,725	13,500	18,225
AF Res	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNSPECIFIED MINOR CONSTRUCTION	3,610	3,610	3,610		3,610

<b>Military Construction, Air Force Reserve Total .....</b>				<b>63,535</b>	<b>107,635</b>	<b>172,235</b>	<b>57,600</b>	<b>121,135</b>
FH Con Army	GEORGIA	Fort Gordon	FAMILY HOUSING NEW CONSTRUCTION	6,100	6,100	6,100		6,100
FH Con Army	GERMANY	Baumholder	CONSTRUCTION IMPROVEMENTS	34,156	34,156	34,156		34,156
FH Con Army	GERMANY	South Camp Vilseck	FAMILY HOUSING NEW CONSTRUCTION (36 UNITS)	22,445	22,445	22,445		22,445
FH Con Army	KOREA	Camp Humphreys	FAMILY HOUSING NEW CONSTRUCTION INCR 2	34,402	34,402	34,402		34,402
FH Con Army	KWAJALEIN	Kwajalein Atoll	FAMILY HOUSING REPLACEMENT CONSTRUCTION	31,000	31,000	0		31,000
FH Con Army	MASSACHUSETTS	Natick	FAMILY HOUSING REPLACEMENT CONSTRUCTION	21,000	21,000	21,000		21,000
FH Con Army	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING & DESIGN	33,559	33,559	33,559		33,559
FH Con Army	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PRIOR YEAR SAVINGS: FAMILY HOUSING CONSTRUCTION, ARMY	0	-18,000	0		0
<b>Family Housing Construction, Army Total .....</b>				<b>182,662</b>	<b>164,662</b>	<b>151,662</b>	<b>0</b>	<b>182,662</b>
FH Ops Army	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	FURNISHINGS	12,816	12,816	12,816		12,816
FH Ops Army	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	HOUSING PRIVATIZATION SUPPORT	20,893	20,893	20,893		20,893
FH Ops Army	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	LEASING	148,538	148,538	148,538		148,538
FH Ops Army	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MAINTENANCE	57,708	57,708	57,708		57,708
FH Ops Army	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MANAGEMENT	37,089	37,089	37,089		37,089
FH Ops Army	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MISCELLANEOUS	400	400	400		400
FH Ops Army	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	SERVICES	8,930	8,930	8,930		8,930
FH Ops Army	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UTILITIES	60,251	60,251	60,251		60,251
<b>Family Housing Operation And Maintenance, Army Total .....</b>				<b>346,625</b>	<b>346,625</b>	<b>346,625</b>	<b>0</b>	<b>346,625</b>
FH Con Navy	BAHRAIN ISLAND	SW Asia	CONSTRUCT ON-BASE GFOQ	2,138	2,138	2,138		2,138
FH Con Navy	MARIANA ISLANDS	Guam	REPLACE ANDERSEN HOUSING PH II	40,875	40,875	0		40,875
FH Con Navy	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	CONSTRUCTION IMPROVEMENTS	36,251	36,251	36,251		36,251

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FH Con Navy	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING & DESIGN	4,418	4,418	4,418		4,418
FH Con Navy	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PRIOR YEAR SAVINGS: FAMILY HOUSING CONSTRUCTION, N/MC	0	-8,000	0		0
<b>Family Housing Construction, Navy And Marine Corps Total</b>				<b>83,682</b>	<b>75,682</b>	<b>42,807</b>	<b>0</b>	<b>83,682</b>
FH Ops Navy	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	FURNISHINGS	14,529	14,529	14,529		14,529
FH Ops Navy	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	HOUSING PRIVATIZATION SUPPORT	27,587	27,587	27,587		27,587
FH Ops Navy	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	LEASING	61,921	61,921	61,921		61,921
FH Ops Navy	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MAINTENANCE	95,104	95,104	95,104		95,104
FH Ops Navy	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MANAGEMENT	50,989	50,989	50,989		50,989
FH Ops Navy	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MISCELLANEOUS	336	336	336		336
FH Ops Navy	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	SERVICES	15,649	15,649	15,649		15,649
FH Ops Navy	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UTILITIES	62,167	62,167	62,167		62,167
<b>Family Housing Operation And Maintenance, Navy And Marine Corps Total</b>				<b>328,282</b>	<b>328,282</b>	<b>328,282</b>	<b>0</b>	<b>328,282</b>
FH Con AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	CONSTRUCTION IMPROVEMENTS	80,617	80,617	80,617		80,617
FH Con AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PLANNING & DESIGN	4,445	4,445	4,445		4,445
FH Con AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	PRIOR YEAR SAVINGS: FAMILY HOUSING CONSTRUCTION	0	-20,000	0		0



<b>Family Housing Construction, Air Force Total .....</b>				<b>85,062</b>	<b>65,062</b>	<b>85,062</b>	<b>0</b>	<b>85,062</b>
FH Ops AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	FURNISHINGS	29,424	29,424	29,424		29,424
FH Ops AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	HOUSING PRIVATIZATION	21,569	21,569	21,569		21,569
FH Ops AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	LEASING	16,818	16,818	16,818		16,818
FH Ops AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MAINTENANCE	134,189	134,189	134,189		134,189
FH Ops AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MANAGEMENT	53,464	53,464	53,464		53,464
FH Ops AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MISCELLANEOUS	1,839	1,839	1,839		1,839
FH Ops AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	SERVICES	13,517	13,517	13,517		13,517
FH Ops AF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UTILITIES	47,504	47,504	47,504		47,504
<b>Family Housing Operation And Maintenance, Air Force Total .....</b>				<b>318,324</b>	<b>318,324</b>	<b>318,324</b>	<b>0</b>	<b>318,324</b>
FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	FURNISHINGS	6	6	6		6
FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	FURNISHINGS	641	641	641		641
FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	FURNISHINGS	407	407	407		407
FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	LEASING	12,390	12,390	12,390		12,390
FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	LEASING	39,716	39,716	39,716		39,716
FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MAINTENANCE	655	655	655		655
FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MAINTENANCE	567	567	567		567

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FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	MANAGEMENT	319	319	319		319
FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	SERVICES	14	14	14		14
FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UTILITIES	268	268	268		268
FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UTILITIES	86	86	86		86
FH Ops DW	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UTILITIES	4,100	4,100	4,100		4,100
<b>Family Housing Operation And Maintenance, Defense-Wide Total</b>				<b>59,169</b>	<b>59,169</b>	<b>59,169</b>	<b>0</b>	<b>59,169</b>
FHIF	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	ADMINISTRATIVE EXPENSES—FHIF	2,726	2,726	2,726		2,726
<b>DoD Family Housing Improvement Fund Total</b>				<b>2,726</b>	<b>2,726</b>	<b>2,726</b>	<b>0</b>	<b>2,726</b>
UHIF	WORLDWIDE UN-SPECIFIED	Unaccompanied Housing Improvement Fund	ADMINISTRATIVE EXPENSES—UHIF	623	623	623		623
<b>Unaccompanied Housing Improvement Fund Total</b>				<b>623</b>	<b>623</b>	<b>623</b>	<b>0</b>	<b>623</b>
BRAC	WORLDWIDE UN-SPECIFIED	Base Realignment & Closure, Army	BASE REALIGNMENT AND CLOSURE	58,000	58,000	58,000		58,000
<b>Base Realignment and Closure—Army Total</b>				<b>58,000</b>	<b>58,000</b>	<b>58,000</b>	<b>0</b>	<b>58,000</b>
BRAC	WORLDWIDE UN-SPECIFIED	Base Realignment & Closure, Navy	BASE REALIGNMENT & CLOSURE	93,474	128,474	93,474	35,000	128,474
BRAC	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	DON-100: PLANNING, DESIGN AND MANAGEMENT	8,428	8,428	8,428		8,428
BRAC	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	DON-101: VARIOUS LOCATIONS	23,753	23,753	23,753		23,753

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BRAC	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	DON-138: NAS BRUNSWICK, ME	647	647	647	647
BRAC	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	DON-157: MCSA KANSAS CITY, MO	40	40	40	40
BRAC	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	DON-172: NWS SEAL BEACH, CONCORD, CA	5,355	5,355	5,355	5,355
BRAC	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	DON-84: JRB WILLOW GROVE & CAMBRIA REG AP	4,737	4,737	4,737	4,737
BRAC	WORLDWIDE UN-SPECIFIED	Unspecified Worldwide Locations	UNDISTRIBUTED	7,210	7,210	7,210	7,210
<b>Base Realignment and Closure—Navy Total</b> .....				<b>143,644</b>	<b>178,644</b>	<b>143,644</b>	<b>35,000</b> <b>178,644</b>
<b>Total, Military Construction</b> .....				<b>9,928,228</b>	<b>9,530,777</b>	<b>10,105,437</b>	<b>-1,782</b> <b>9,926,446</b>

**SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS.**

**SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Account	State/ Country	Installation	Project Title	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
Army	GUANTANAMO BAY, CUBA	Guantanamo Bay	OCO: BARRACKS	115,000	115,000	115,000		115,000
Army	TURKEY	Various Locations	FORWARD OPERATING SITE	0	6,400	0	6,400	6,400
Army	WORLDWIDE UN- SPECIFIED	Unspecified Worldwide Lo- cations	ERI: PLANNING AND DESIGN	15,700	15,700	0		15,700
Army	WORLDWIDE UN- SPECIFIED	Unspecified Worldwide Lo- cations	OCO: PLANNING AND DESIGN	9,000	9,000	9,000		9,000
<b>Military Construction, Army Total</b>				<b>139,700</b>	<b>146,100</b>	<b>124,000</b>	<b>6,400</b>	<b>146,100</b>
Navy	DJIBOUTI	Camp Lemonier	AIRCRAFT PARKING APRON EXPANSION	0	13,390	0	13,390	13,390
Navy	WORLDWIDE UN- SPECIFIED	Unspecified Worldwide Lo- cations	ERI: PLANNING AND DESIGN	18,500	18,500	0		18,500
<b>Military Construction, Navy Total</b>				<b>18,500</b>	<b>31,890</b>	<b>0</b>	<b>13,390</b>	<b>31,890</b>
AF	ESTONIA	Amari Air Base	ERI: POL CAPACITY PHASE II	4,700	4,700	0	0	4,700
AF	ESTONIA	Amari Air Base	ERI: TACTICAL FIGHTER AIRCRAFT PARKING APRON	9,200	9,200	0	0	9,200
AF	HUNGARY	Kecskemet AB	ERI: AIRFIELD UPGRADES	12,900	0	0		12,900
AF	HUNGARY	Kecskemet AB	ERI: CONSTRUCT PARALLEL TAXIWAY	30,000	0	0		30,000
AF	HUNGARY	Kecskemet AB	ERI: INCREASE POL STORAGE CAPACITY	12,500	0	0		12,500
AF	ICELAND	Keflavik	ERI: AIRFIELD UPGRADES	14,400	14,400	0		14,400
AF	ITALY	Aviano AB	GUARDIAN ANGEL OPERATIONS FACILITY	0	27,325	0	27,325	27,325
AF	JORDAN	Azraq	OCO: MSAB DEVELOPMENT	143,000	143,000	143,000		143,000
AF	LATVIA	Lielvarde Air Base	ERI: EXPAND STRATEGIC RAMP PARKING	3,850	3,850	0		3,850
AF	LUXEMBOURG	Sanem	ERI: ECAOS DEPLOYABLE AIRBASE SYSTEM STOR- AGE	67,400	67,400	0		67,400
AF	NORWAY	Rygge	ERI: REPLACE/EXPAND QUICK REACTION ALERT PAD	10,300	0	0		10,300
AF	QATAR	Al Udeid	CONSOLIDATED SQUADRON OPERATIONS FACILITY	0	15,000	0	15,000	15,000
AF	ROMANIA	Campia Turzii	ERI: UPGRADE UTILITIES INFRASTRUCTURE	2,950	2,950	0		2,950

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AF	SLOVAKIA	Malacky	ERI: AIRFIELD UPGRADES	4,000	0	0		4,000
AF	SLOVAKIA	Malacky	ERI: INCREASE POL STORAGE CAPACITY	20,000	0	0		20,000
AF	SLOVAKIA	Sliac Airport	ERI: AIRFIELD UPGRADES	22,000	0	0		22,000
AF	TURKEY	Incirlik AB	DORMITORY—216PN	0	25,997	0	25,997	25,997
AF	TURKEY	Incirlik AB	OCO: RELOCATE BASE MAIN ACCESS CONTROL POINT	14,600	14,600	14,600		14,600
AF	TURKEY	Incirlik AB	OCO: REPLACE PERIMETER FENCE	8,100	8,100	8,100		8,100
AF	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	ERI: PLANNING AND DESIGN	56,630	56,630	0		56,630
AF	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	OCO—PLANNING AND DESIGN	41,500	41,500	41,500		41,500
<b>Military Construction, Air Force Total</b>				<b>478,030</b>	<b>434,652</b>	<b>207,200</b>	<b>68,322</b>	<b>546,352</b>
Def-Wide	ITALY	Sigonella	CONSTRUCT HYDRANT SYSTEM	0	22,400	0	22,400	22,400
Def-Wide	WORLDWIDE UNSPECIFIED	Unspecified Worldwide Locations	ERI: PLANNING AND DESIGN	1,900	1,900	0		1,900
<b>Military Construction, Defense-Wide Total</b>				<b>1,900</b>	<b>24,300</b>	<b>0</b>	<b>22,400</b>	<b>24,300</b>
<b>Total, Military Construction</b>				<b>638,130</b>	<b>636,942</b>	<b>331,200</b>	<b>110,512</b>	<b>748,642</b>

## TITLE XLVII—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

### SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS.

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS  
(In Thousands of Dollars)

Program	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>Discretionary Summary By Appropriation</b>					
<b>Energy And Water Development, And Related Agencies</b>					
<b>Appropriation Summary:</b>					
<b>Energy Programs</b>					
Nuclear Energy .....	133,000	0	0	0	133,000
<b>Atomic Energy Defense Activities</b>					
<b>National nuclear security administration:</b>					
Weapons activities .....	10,239,344	184,200	273,600	138,131	10,377,475
Defense nuclear nonproliferation .....	1,793,310	80,000	250,297	90,000	1,883,310
Naval reactors .....	1,479,751	0	38,000	0	1,431,551
Federal salaries and expenses .....	418,595	-11,000	0	-11,000	407,595
<b>Total, National nuclear security administration .....</b>	<b>13,931,000</b>	<b>253,200</b>	<b>561,897</b>	<b>217,131</b>	<b>14,099,931</b>
<b>Environmental and other defense activities:</b>					
Defense environmental cleanup .....	5,537,186	70,000	0	-97,080	5,440,106
Other defense activities .....	815,512	3,000	0	488	816,000
Defense nuclear waste disposal .....	30,000	0	0	0	30,000
<b>Total, Environmental &amp; other defense activities .....</b>	<b>6,382,698</b>	<b>73,000</b>	<b>0</b>	<b>-96,592</b>	<b>6,286,106</b>

<b>Total, Atomic Energy Defense Activities</b> .....	<b>20,313,698</b>	<b>326,200</b>	<b>561,897</b>	<b>120,539</b>	<b>20,386,037</b>
<b>Total, Discretionary Funding</b> .....	<b>20,446,698</b>	<b>326,200</b>	<b>561,897</b>	<b>120,539</b>	<b>20,519,037</b>
<b>Nuclear Energy</b>					
Idaho sitewide safeguards and security .....	133,000				133,000
<b>Total, Nuclear Energy</b> .....	<b>133,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>133,000</b>
<b>Weapons Activities</b>					
<b>Directed stockpile work</b>					
<b>Life extension programs</b>					
B61 Life extension program .....	788,572				788,572
W76 Life extension program .....	224,134				224,134
W88 Alteration program .....	332,292				332,292
W80-4 Life extension program .....	399,090				399,090
<b>Total, Life extension programs</b> .....	<b>1,744,088</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,744,088</b>
<b>Stockpile systems</b>					
B61 Stockpile systems .....	59,729				59,729
W76 Stockpile systems .....	51,400				51,400
W78 Stockpile systems .....	60,100				60,100
W80 Stockpile systems .....	80,087				80,087
B83 Stockpile systems .....	35,762				35,762
W87 Stockpile systems .....	83,200				83,200
W88 Stockpile systems .....	131,576				131,576
<b>Total, Stockpile systems</b> .....	<b>501,854</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>501,854</b>
<b>Weapons dismantlement and disposition</b>					
Operations and maintenance .....	52,000				52,000
<b>Stockpile services</b>					
Production support .....	470,400				470,400

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Program	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
Research and development support .....	31,150				31,150
R&D certification and safety .....	196,840		20,900		196,840
Program increase for technology maturation .....			[20,900]		
Management, technology, and production .....	285,400				285,400
<b>Total, Stockpile services .....</b>	<b>983,790</b>	<b>0</b>	<b>20,900</b>	<b>0</b>	<b>983,790</b>
<b>Strategic materials</b>					
Uranium sustainment .....	20,579				20,579
Plutonium sustainment .....	210,367				210,367
Tritium sustainment .....	198,152				198,152
Domestic uranium enrichment .....	60,000				60,000
Strategic materials sustainment .....	206,196				206,196
<b>Total, Strategic materials .....</b>	<b>695,294</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>695,294</b>
<b>Total, Directed stockpile work .....</b>	<b>3,977,026</b>	<b>0</b>	<b>20,900</b>	<b>0</b>	<b>3,977,026</b>
<b>Research, development, test and evaluation (RDT&amp;E)</b>					
<b>Science</b>					
Advanced certification .....	57,710				57,710
Primary assessment technologies .....	89,313				89,313
Dynamic materials properties .....	122,347				122,347
Advanced radiography .....	37,600				37,600
Secondary assessment technologies .....	76,833	-2,000			76,833
Program decrease .....		[-2,000]			
Academic alliances and partnerships .....	52,963				52,963
Enhanced Capabilities for Subcritical Experiments .....	50,755		15,000		50,755
Radiography project completion .....			[15,000]		
<b>Total, Science .....</b>	<b>487,521</b>	<b>-2,000</b>	<b>15,000</b>	<b>0</b>	<b>487,521</b>



<b>Engineering</b>				
Enhanced surety .....	39,717		12,300	39,717
Program increase for technology maturation .....			[12,300]	
Weapon systems engineering assessment technology .....	23,029			23,029
Nuclear survivability .....	45,230	4,000		45,230
Program increase .....		[4,000]		
Enhanced surveillance .....	45,147			45,147
Stockpile Responsiveness .....	40,000		10,000	40,000
Program increase .....			[10,000]	
<b>Total, Engineering .....</b>	<b>193,123</b>	<b>4,000</b>	<b>22,300</b>	<b>193,123</b>
<b>Inertial confinement fusion ignition and high yield</b>				
Ignition .....	79,575	-3,000		77,932
Program decrease .....		[-3,000]		
Support of other stockpile programs .....	23,565			23,565
Diagnostics, cryogenics and experimental support .....	77,915			77,915
Pulsed power inertial confinement fusion .....	7,596			7,596
Joint program in high energy density laboratory plasmas .....	9,492			9,492
Facility operations and target production .....	334,791	-3,000	12,000	334,791
Program decrease .....		[-3,000]		
Support increased shot rates .....			[12,000]	
<b>Total, Inertial confinement fusion and high yield .....</b>	<b>532,934</b>	<b>-6,000</b>	<b>12,000</b>	<b>531,291</b>
<b>Advanced simulation and computing</b>				
Advanced simulation and computing .....	709,244			709,244
<b>Construction:</b>				
18-D-670, Exascale Class Computer Cooling Equipment, LNL .....	22,000			22,000
18-D-620, Exascale Computing Facility Modernization Project .....	3,000			3,000
<b>Total, Construction .....</b>	<b>25,000</b>	<b>0</b>	<b>0</b>	<b>25,000</b>
<b>Total, Advanced simulation and computing .....</b>	<b>734,244</b>	<b>0</b>	<b>0</b>	<b>734,244</b>

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS  
(In Thousands of Dollars)

Program	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>Advanced manufacturing</b>					
Additive manufacturing .....	12,000		12,000		12,000
Program increase for research and infrastructure .....			[12,000]		
Component manufacturing development .....	38,644		36,400		38,644
Improve production efficiency .....			[36,400]		
Processing technology development .....	29,896			5,000	34,896
Program increase .....				[5,000]	
<b>Total, Advanced manufacturing .....</b>	<b>80,540</b>	<b>0</b>	<b>48,400</b>	<b>5,000</b>	<b>85,540</b>
<b>Total, RDT&amp;E .....</b>	<b>2,028,362</b>	<b>-4,000</b>	<b>97,700</b>	<b>3,357</b>	<b>2,031,719</b>
<b>Infrastructure and operations (formerly RTBF)</b>					
Operations of facilities .....	868,000			-19,530	848,470
Safety and environmental operations .....	116,000				116,000
Maintenance and repair of facilities .....	360,000	35,000	50,000	35,000	395,000
Program increase to address high-priority preventative maintenance .....		[35,000]	[50,000]	[35,000]	
Recapitalization .....	427,342	115,000	100,000	115,000	542,342
Program increase to address high-priority deferred maintenance .....		[115,000]	[100,000]	[115,000]	
<b>Construction:</b>					
18-D-680, Material Staging Facility, PX .....	0	5,200		5,200	5,200
Project initiation .....		[5,200]		[5,200]	
18-D-660, Fire Station, Y-12 .....	28,000				28,000
18-D-650, Tritium Production Capability, SRS .....	6,800				6,800
17-D-640 U1a Complex Enhancements Project, NNSS .....	22,100				22,100
17-D-630 Expand Electrical Distribution System, LLNL .....	6,000				6,000
16-D-515 Albuquerque complex project .....	98,000				98,000
15-D-613 Emergency Operations Center, Y-12 .....	7,000				7,000

07-D-220 Radioactive liquid waste treatment facility upgrade project, LANL .....	2,100				2,100
07-D-220-04 Transuranic liquid waste facility, LANL .....	17,895				17,895
06-D-141 Uranium processing facility Y-12, Oak Ridge, TN .....	663,000				663,000
04-D-125 Chemistry and metallurgy research facility replacement project, LANL .....	180,900				180,900
<b>Total, Construction</b> .....	<b>1,031,795</b>	<b>5,200</b>	<b>0</b>	<b>5,200</b>	<b>1,036,995</b>
<b>Total, Infrastructure and operations</b> .....	<b>2,803,137</b>	<b>155,200</b>	<b>150,000</b>	<b>135,670</b>	<b>2,938,807</b>
<b>Secure transportation asset</b>					
Operations and equipment .....	219,464			-33,896	185,568
Program decrease .....				[-33,896]	
Program direction .....	105,600				105,600
<b>Total, Secure transportation asset</b> .....	<b>325,064</b>	<b>0</b>	<b>0</b>	<b>-33,896</b>	<b>291,168</b>
<b>Defense nuclear security</b>					
Operations and maintenance .....	686,977	33,000	5,000	28,000	714,977
Support to physical security infrastructure recapitalization and CSTART .....		[33,000]		[28,000]	
Reduce deferred maintenance backlog .....			[5,000]		
<b>Construction:</b>					
17-D-710 West end protected area reduction project, Y-12 .....	0			5,000	5,000
Program increase .....				[5,000]	
<b>Total, Defense nuclear security</b> .....	<b>686,977</b>	<b>33,000</b>	<b>5,000</b>	<b>33,000</b>	<b>719,977</b>
Information technology and cybersecurity .....	186,728				186,728
Legacy contractor pensions .....	232,050				232,050
<b>Total, Weapons Activities</b> .....	<b>10,239,344</b>	<b>184,200</b>	<b>273,600</b>	<b>138,131</b>	<b>10,377,475</b>
<b>Defense Nuclear Nonproliferation</b>					
<b>Defense Nuclear Nonproliferation Programs</b>					
<b>Global material security</b>					
International nuclear security .....	46,339		20,000		46,339
Enhanced nuclear security .....			[20,000]		

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Program	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
Radiological security .....	146,340		20,000	20,000	166,340
Protection and safe disposal of radioactive sources .....			[20,000]	[20,000]	
Nuclear smuggling detection .....	144,429	-5,000	60,000	-5,000	139,429
Program decrease .....		[-5,000]		[-5,000]	
Radiation detection .....			[60,000]		
<b>Total, Global material security .....</b>	<b>337,108</b>	<b>-5,000</b>	<b>100,000</b>	<b>15,000</b>	<b>352,108</b>
<b>Material management and minimization</b>					
HEU reactor conversion .....	125,500				125,500
Nuclear material removal .....	32,925	5,000			32,925
Acceleration of priority programs .....		[5,000]			
Material disposition .....	173,669				173,669
<b>Total, Material management &amp; minimization .....</b>	<b>332,094</b>	<b>5,000</b>	<b>0</b>	<b>0</b>	<b>332,094</b>
Nonproliferation and arms control .....	129,703		70,297		129,703
Verification .....			[70,297]		
Defense nuclear nonproliferation R&D .....	446,095	5,000		5,000	451,095
Acceleration of low-yield detection experiments and 3D printing efforts .....		[5,000]		[5,000]	
<b>Nonproliferation Construction:</b>					
18-D-150 Surplus Plutonium Disposition Project .....	9,000				9,000
99-D-143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS .....	270,000	70,000	80,000	70,000	340,000
Program increase .....		[70,000]	[80,000]	[70,000]	
<b>Total, Nonproliferation construction .....</b>	<b>279,000</b>	<b>70,000</b>	<b>80,000</b>	<b>70,000</b>	<b>349,000</b>
<b>Total, Defense Nuclear Nonproliferation Programs .....</b>	<b>1,524,000</b>	<b>75,000</b>	<b>250,297</b>	<b>90,000</b>	<b>1,614,000</b>
Low Enriched Uranium R&D for Naval Reactors .....	0	5,000			0

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Direct support to low-enriched uranium R&D for Naval Reactors .....		[5,000]			
Legacy contractor pensions .....	40,950				40,950
Nuclear counterterrorism and incident response program .....	277,360				277,360
Rescission of prior year balances .....	-49,000				-49,000
<b>Total, Defense Nuclear Nonproliferation .....</b>	<b>1,793,310</b>	<b>80,000</b>	<b>250,297</b>	<b>90,000</b>	<b>1,883,310</b>
<b>Naval Reactors</b>					
Naval reactors development .....	473,267				473,267
Columbia-Class reactor systems development .....	156,700				156,700
S8G Prototype refueling .....	190,000				190,000
Naval reactors operations and infrastructure .....	466,884		38,000		466,884
Reduce deferred maintenance backlog .....			[38,000]		
<b>Construction:</b>					
15-D-904 NRF Overpack Storage Expansion 3 .....	13,700				13,700
15-D-903 KL Fire System Upgrade .....	15,000				15,000
14-D-901 Spent fuel handling recapitalization project, NRF .....	116,000				116,000
<b>Total, Construction .....</b>	<b>144,700</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>144,700</b>
Program direction .....	48,200			-1,549	46,651
Program decrease .....				[-1,549]	
<b>Total, Naval Reactors .....</b>	<b>1,479,751</b>	<b>0</b>	<b>38,000</b>	<b>0</b>	<b>1,431,551</b>
<b>Federal Salaries And Expenses</b>					
Program direction .....	418,595	-11,000		-11,000	407,595
Program decrease to support maximum of 1,690 employees .....		[-11,000]		[-11,000]	
<b>Total, Office Of The Administrator .....</b>	<b>418,595</b>	<b>-11,000</b>	<b>0</b>	<b>-11,000</b>	<b>407,595</b>
<b>Defense Environmental Cleanup</b>					
<b>Closure sites:</b>					

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS  
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Program	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
Closure sites administration .....	4,889				4,889
<b>Hanford site:</b>					
River corridor and other cleanup operations .....	58,692	35,000		35,000	93,692
Acceleration of priority programs .....		[35,000]		[35,000]	
Central plateau remediation .....	637,879	8,000		4,371	642,250
Acceleration of priority programs .....		[8,000]		[4,371]	
Richland community and regulatory support .....	5,121				5,121
<b>Construction:</b>					
18-D-404 WESF Modifications and Capsule Storage .....	6,500				6,500
15-D-401 Containerized sludge removal annex, RL .....	8,000				8,000
<b>Total, Construction</b> .....	<b>14,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14,500</b>
<b>Total, Hanford site</b> .....	<b>716,192</b>	<b>43,000</b>	<b>0</b>	<b>39,371</b>	<b>755,563</b>
<b>Idaho National Laboratory:</b>					
SNF stabilization and disposition—2012 .....	19,975				19,975
Solid waste stabilization and disposition .....	170,101				170,101
Radioactive liquid tank waste stabilization and disposition .....	111,352				111,352
Soil and water remediation—2035 .....	44,727				44,727
Idaho community and regulatory support .....	4,071				4,071
<b>Total, Idaho National Laboratory</b> .....	<b>350,226</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,226</b>
<b>NNSA sites</b>					
Lawrence Livermore National Laboratory .....	1,175				1,175
Separations Process Research Unit .....	1,800				1,800
Nevada .....	60,136				60,136
Sandia National Laboratories .....	2,600				2,600

Los Alamos National Laboratory .....	191,629				191,629
<b>Total, NNSA sites and Nevada off-sites .....</b>	<b>257,340</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>257,340</b>
<b>Oak Ridge Reservation:</b>					
<b>OR Nuclear facility D &amp; D</b>					
OR-0041—D&D - Y-12 .....	29,369				29,369
OR-0042—D&D -ORNL .....	48,110				48,110
<b>Construction:</b>					
17—D—401 On-site waste disposal facility .....	5,000				5,000
14—D—403 Outfall 200 Mercury Treatment facility .....	17,100				17,100
<b>Total, OR Nuclear facility D &amp; D .....</b>	<b>99,579</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>99,579</b>
<b>U233 Disposition Program</b>					
U233 Disposition Program .....	33,784				33,784
OR cleanup and disposition .....	66,632				66,632
OR reservation community and regulatory support .....	4,605				4,605
OR Solid waste stabilization and disposition technology development .....	3,000				3,000
<b>Total, Oak Ridge Reservation .....</b>	<b>207,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>207,600</b>
<b>Office of River Protection:</b>					
<b>Waste treatment and immobilization plant</b>					
<b>Construction:</b>					
01—D—416 A-D WTP Subprojects A-D .....	655,000				655,000
01—D—416 E—Pretreatment Facility .....	35,000				35,000
<b>Total, 01—D—416 Construction .....</b>	<b>690,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>690,000</b>
WTP Commissioning .....	8,000				8,000
<b>Total, Waste treatment and immobilization plant .....</b>	<b>698,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>698,000</b>
<b>Tank farm activities</b>					
Rad liquid tank waste stabilization and disposition .....	713,311				713,311
<b>Construction:</b>					
15—D—409 Low activity waste pretreatment system, ORP .....	93,000				93,000

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS  
(In Thousands of Dollars)

Program	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
<b>Total, Tank farm activities</b> .....	<b>806,311</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>806,311</b>
<b>Total, Office of River protection</b> .....	<b>1,504,311</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,504,311</b>
<b>Savannah River Sites:</b>					
Nuclear Material Management .....	323,482	27,000		27,000	350,482
Acceleration of priority programs .....		[27,000]		[27,000]	
<b>Environmental Cleanup</b>					
Environmental Cleanup .....	159,478				159,478
<b>Construction:</b>					
08-D-402, Emergency Operations Center .....	500				500
<b>Total, Environmental Cleanup</b> .....	<b>159,978</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>159,978</b>
SR community and regulatory support .....	11,249				11,249
<b>Radioactive liquid tank waste:</b>					
Radioactive liquid tank waste stabilization and disposition .....	597,258				597,258
<b>Construction:</b>					
18-D-401, SDU #8/9 .....	500				500
17-D-402—Saltstone Disposal Unit #7 .....	40,000				40,000
05-D-405 Salt waste processing facility, Savannah River Site .....	150,000				150,000
<b>Total, Construction</b> .....	<b>190,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>190,500</b>
<b>Total, Radioactive liquid tank waste</b> .....	<b>787,758</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>787,758</b>
<b>Total, Savannah River site</b> .....	<b>1,282,467</b>	<b>27,000</b>	<b>0</b>	<b>27,000</b>	<b>1,309,467</b>
<b>Waste Isolation Pilot Plant</b>					
Operations and maintenance .....	206,617				206,617



Central characterization project .....	22,500				22,500
Transportation .....	21,854				21,854
<b>Construction:</b>					
15-D-411 Safety significant confinement ventilation system, WIPP .....	46,000				46,000
15-D-412 Exhaust shaft, WIPP .....	19,600				19,600
<b>Total, Construction</b> .....	<b>65,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,600</b>
<b>Total, Waste Isolation Pilot Plant</b> .....	<b>316,571</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>316,571</b>
Program direction .....	300,000				300,000
Program support .....	6,979				6,979
WCF Mission Related Activities .....	22,109			-20,109	2,000
Program decrease .....				[-20,109]	
Minority Serving Institution Partnership .....	6,000				6,000
<b>Safeguards and Security</b>					
Oak Ridge Reservation .....	16,500				16,500
Paducah .....	14,049				14,049
Portsmouth .....	12,713				12,713
Richland/Hanford Site .....	75,600				75,600
Savannah River Site .....	142,314				142,314
Waste Isolation Pilot Project .....	5,200				5,200
West Valley .....	2,784				2,784
<b>Total, Safeguards and Security</b> .....	<b>269,160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>269,160</b>
Cyber Security .....	43,342			-43,342	0
Program decrease .....				[-43,342]	
Technology development .....	25,000				25,000
HQEF-0040—Excess Facilities .....	225,000			-100,000	125,000
Program decrease .....				[-100,000]	
<b>Total, Defense Environmental Cleanup</b> .....	<b>5,537,186</b>	<b>70,000</b>	<b>0</b>	<b>-97,080</b>	<b>5,440,106</b>
<b>Other Defense Activities</b>					
<b>Environment, health, safety and security</b>					

SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS  
(In Thousands of Dollars)

Program	FY 2018 Request	House Authorized	Senate Authorized	Conference Change	Conference Authorized
Environment, health, safety and security .....	130,693			-1,747	128,946
Program decrease .....				[-1,747]	
Program direction .....	68,765			-765	68,000
Program decrease .....				[-765]	
<b>Total, Environment, Health, safety and security .....</b>	<b>199,458</b>	<b>0</b>	<b>0</b>	<b>-2,512</b>	<b>196,946</b>
<b>Independent enterprise assessments</b>					
Independent enterprise assessments .....	24,068				24,068
Program direction .....	50,863				50,863
<b>Total, Independent enterprise assessments .....</b>	<b>74,931</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>74,931</b>
Specialized security activities .....	237,912	3,000		3,000	240,912
Classified topic .....		[3,000]		[3,000]	
<b>Office of Legacy Management</b>					
Legacy management .....	137,674				137,674
Program direction .....	16,932				16,932
<b>Total, Office of Legacy Management .....</b>	<b>154,606</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>154,606</b>
<b>Defense-related activities</b>					
<b>Defense related administrative support</b>					
Chief financial officer .....	48,484				48,484
Chief information officer .....	91,443				91,443
Project management oversight and assessments .....	3,073				3,073
<b>Total, Defense related administrative support .....</b>	<b>143,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>139,927</b>
Office of hearings and appeals .....	5,605				5,605

November 7, 2017 (1:25 p.m.)

<b>Subtotal, Other defense activities</b> .....	<b>815,512</b>	<b>3,000</b>	<b>0</b>	<b>488</b>	<b>816,000</b>
<b>Total, Other Defense Activities</b> .....	<b>815,512</b>	<b>3,000</b>	<b>0</b>	<b>488</b>	<b>816,000</b>
<b>Defense Nuclear Waste Disposal</b>					
Yucca mountain and interim storage .....	30,000				30,000
<b>Total, Defense Nuclear Waste Disposal</b> .....	<b>30,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,000</b>

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## LEGISLATIVE PROVISIONS NOT ADOPTED

### *Overseas contingency operations for base requirements*

The House bill contained four provisions relating to overseas contingency operations for base requirements. Those are procurement for overseas contingency operations for base requirements (sec. 4103), research, development, test, and evaluation for overseas contingency operations for base requirements (sec. 4203), operation and maintenance for overseas contingency operations for base requirements (sec. 4303), and military personnel for overseas contingency operations for base requirements (sec. 4403).

The Senate amendment contained no similar provision.  
The House recesses.

# H.R. 2810

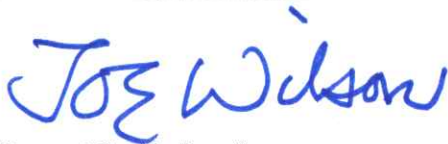
*Managers on the part of the  
HOUSE*

*Managers on the part of the  
SENATE*

From the Committee on Armed Services, for consideration of the House bill and the Senate amendment, and modifications committed to conference:



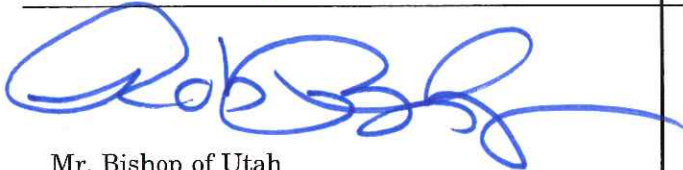
Mr. Thornberry



Mr. Wilson of South Carolina



Mr. LoBiondo



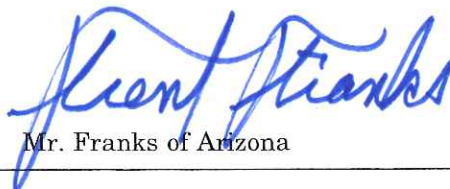
Mr. Bishop of Utah



Mr. Turner





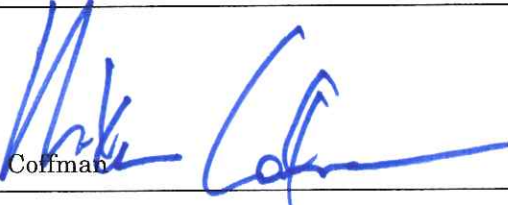

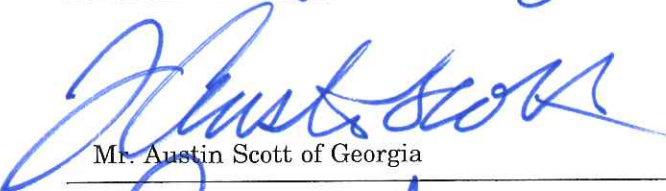
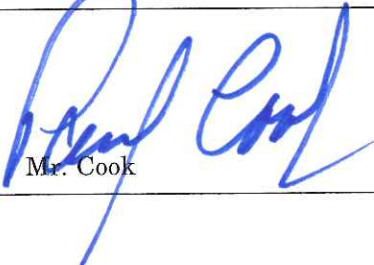


Mr. Rogers of Alabama



Mr. Franks of Arizona

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
 Mr. Shuster	
 Mr. Conaway	
 Mr. Lamborn	
 Mr. Wittman	
 Mr. Coffman	
 Mrs. Hartzler	
 Mr. Austin Scott of Georgia	
 Mr. Cook	

### H.R. 2810—Continued

*Managers on the part of the  
HOUSE*

*Managers on the part of the  
SENATE*



Ms. Stefanik

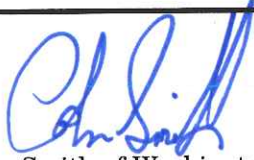

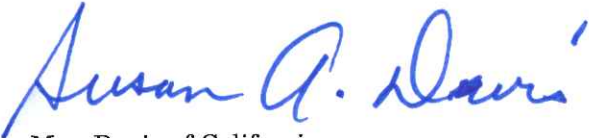

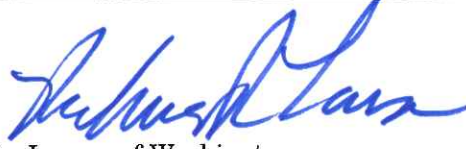

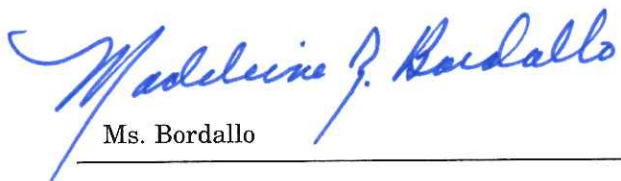



Mr. Knight



Mr. Bacon

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
 Mr. Smith of Washington	
 Mr. Brady of Pennsylvania	
 Mrs. Davis of California	
 Mr. Langevin	
 Mr. Larsen of Washington	
 Mr. Cooper	
 Ms. Bordallo	
 Mr. Courtney	



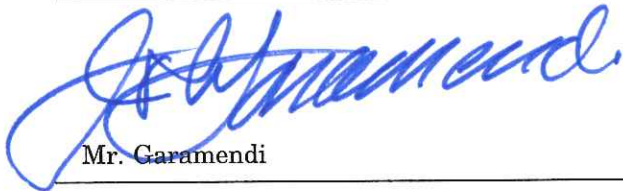
### H.R. 2810—Continued

*Managers on the part of the  
HOUSE*

*Managers on the part of the  
SENATE*



Ms. Tsongas



Mr. Garamendi



~~Mr. Spain~~



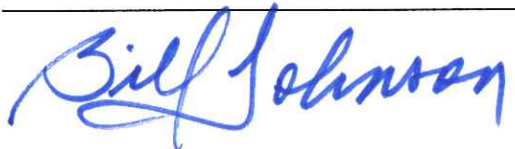


Mr. Veasey

~~Mr. Cabard~~


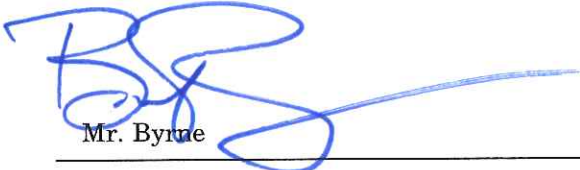

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Permanent Select Committee on Intelligence, for consideration of matters within the jurisdiction of that committee under clause 11 of rule X:	
 Mr. Nunes	
 Mr. Stewart	
<del>Mr. Schiff</del>	

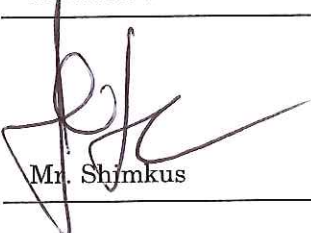
## H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on the Budget, for consideration of sec. 1262 of the House bill, and sec. 4 of the Senate amendment, and modifications committed to conference:	
 Mr. Johnson of Ohio	
 Mr. Bergman	
	


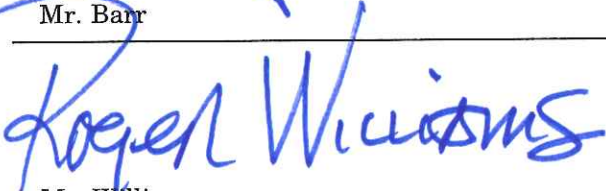

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Education and the Workforce, for consideration of secs. 221, 551, 555, and 3509 of the House bill, and secs. 236, 551-53, 3116, 5508, and 6001 of the Senate amendment, and modifications committed to conference:	
 Ms. Foxx	
 Mr. Byrne	
 Mr. Scott of Virginia	


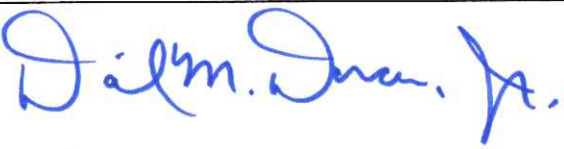

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Energy and Commerce, for consideration of secs. 313, 314, 601, 723, 727, 729, 732, 3118, and 3122 of the House bill, and secs. 601, 701, 725, 732, 1089A, 1625, and 3114 of the Senate amendment, and modifications committed to conference:	
 Mr. Shimkus	
<del>Mr. Barton</del>	
<del>Mr. Pallone</del>	



### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Financial Services, for consideration of sec. 862 of the Senate amendment, and modifications committed to conference:	
 Mr. Barr	
 Mr. Williams	
	

### H.R. 2810—Continued




<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
<p>From the Committee on Foreign Affairs, for consideration of secs. 864, 1032, 1039, 1040, 1058, 1201, 1203-05, 1211, 1222, 1223, 1231, 1232, 1234, 1243, 1246, 1247, 1265, 1270A, 1272, 1276, 1278, 1280, 1301, 1302, 1521, 1522, 1687, 2841, and 3117 of the House bill, and secs. 111, 861, 867, 1011, 1203-05, 1212, 1213, 1231-33, 1241-45, 1250, 1261-63, 1270B, 1270C, 1282, 1283, 1301, 1302, 1531, and 1651 of the Senate amendment, and modifications committed to conference:</p>	
 Mr. Royce of California	
 Mr. Donovan	
 Mr. Engel	

### H.R. 2810—Continued




<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on the Judiciary, for consideration of secs. 515, 1062, 1063, 1067, 1080, 1695, 2843, and 3510 of the House bill, and secs. 520A, 529, 1035, 1081, 1083, 1217, 1264, and 14013 of the Senate amendment, and modifications committed to conference:	
 Mr. Goodlatte	
 Mr. Issa	
<del>Mr. Conyers</del>	






### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
<p>From the Committee on Natural Resources, for consideration of secs. 601, 1062, 1265, 2827, 2828, 2831, 2832, 2844, subtitle F of title XXVIII, and sec. 2863 of the House bill, and secs. 311, 338, 601, 1263, 1264, 2850, and 12801 of the Senate amendment, and modifications committed to conference:</p>	
<p> Mr. Westerman</p>	
<p> Ms. Cheney</p>	
<p></p>	


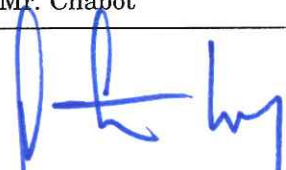

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Oversight and Government Reform, for consideration of secs. 323, 501, 801, 803, 859-860A, 873, and 1101-09 of the House bill, and secs. 218, 544, 557, 801, 812, 821, 822, 829, 852, 902, 931, 934, 938, 1045, 1093, 1094, 1101, 1102, 1104-06, 1111-13, 2821, 2822, 6005, 6012, 10804, 11023-25, and 11603 of the Senate amendment, and modifications committed to conference:	
 Mr. Meadows	
 Mr. Ross	
	




### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Science, Space, and Technology, for consideration of sec. 223 of the House bill and secs. 897, 898, 1662-64, and 6002 of the Senate amendment, and modifications committed to conference:	
 Mr. Smith of Texas	
 Mr. Lucas	
 Ms. Eddie Bernice Johnson of Texas	




### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Small Business, for consideration of secs. 801, 860B, 867, 1701-04, 1711-13, 1721-23, 1731-37, and 1741 of the House bill, and secs. 854, 862, 897, 898, 899C, 10801, and 10802 of the Senate amendment, and modifications committed to conference:	
 Mr. Chabot	
 Mr. Kelly of Mississippi	
	

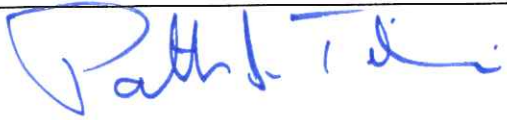


### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Transportation and Infrastructure, for consideration of secs 122, 311, 546, 601, 1082, 1617, 1695, 3501, 3502, 3505, and 3507-10 of the House bill, and secs. 331, 601, 1048, 6002, 13501, 13502, 13508, 13513, 13607, and 14013 of the Senate amendment, and modifications committed to conference:	
 Mr. Graves of Missouri	
 Mr. Hunter	
 Mrs. Bustos	

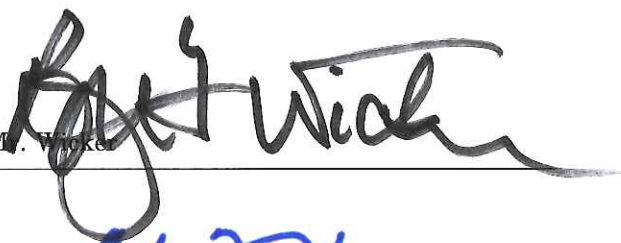
### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Veterans' Affairs, for consideration of secs. 572, 573, 576, 578, 1077, and 2841 of the House bill, and secs. 731, 1084, 1088, 1264, 11001, 11008, and 14004 of the Senate amendment, and modifications committed to conference:	
 Mr. Roe of Tennessee	
 Mr. Bilirakis	
 Mr. Walz	

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
From the Committee on Ways and Means, for consideration of sec. 701 of the Senate amendment, and modifications committed to conference:	
 Mr. Tiberi	
 Mrs. Walorski	
 Mr. Neal	

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
	 Mr. McCain
	 Mr. Inhofe
	 Mr. Wick
	 Mrs. Fischer
	 Mr. Cotton
	 Mr. Rounds
	 Mrs. Ernst
	 Mr. Tillis






### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
	 Mr. Sullivan
	 Mr. Perdue
	 Mr. Cruz
	 Mr. Graham
	 Mr. Sasse
	 Mr. Strange
	 Mr. Reed
	 Mr. Nelson

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
	 Mrs. McCaskill
	 Mrs. Shaheen
	
	 Mr. Blumenthal
	 Mr. Donnelly
	 Ms. Hirono
	 Mr. Kaine
	 Mr. King

### H.R. 2810—Continued

<i>Managers on the part of the HOUSE</i>	<i>Managers on the part of the SENATE</i>
	 Mr. Heinrich
	 Ms. Warren
	 Mr. Peters