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Air Station

From: Commanding Officer
To: Distribution List

Subj: OIL/FUEL POLLUTION PREVENTION AND ABATEMENT SPILL CONTINGENCY PLAN FOR AIRCRAFT OPERATING AREAS

Ref: (a) Resource Conservation and Recovery Act (RCRA) of 1976 (NOTAL)
(b) Clean Water Act (NOTAL)
(c) MCO P11000.8A
(d) BO 11090.1B

Encl: (1) Fuel and Other Hazardous Material Spill Contingency Plan

1. Purpose. To promulgate procedures for the prevention and abatement of spills of fuel or other hazardous substances (to include hydraulic fluids, brake fluids, etc.) within aircraft operating areas at Marine Corps Air Station, New River.

2. Policy. It is the continuing policy of this command to actively participate in environmental pollution abatement, and to take positive action to abate and correct discharges of fuel and other hazardous substances. The intent of this policy is to carry out the provisions of references (a) through (d), and to preclude the pollution of the environment by containing spills before they reach ground or water.

3. Responsibilities.

a. Officer-in-Charge, Aircraft Firefighting and Rescue Division (AFRD):

North Carolina
Western Longleaf Pine Station
Forest Service
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Station

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These Comments
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UNITED STATES MARINE CORPS
Marine Corps Air Station
New River, Jacksonville
North Carolina 28545-5001

ASO 11090.2
GSO

Air Station Order 11090.2

From: Commanding Officer
To: Distribution List

Subj: OIL/FUEL POLLUTION PREVENTION AND ABATEMENT SPILL CONTIN-
GENCY PLAN FOR AIRCRAFT OPERATING AREAS

Ref: (a) Resource Conservation and Recovery Act (RCRA) of 1976
(NOTAL)
(b) Clean Water Act (NOTAL)
(c) MCO P11000.8A
(d) BO 11090.1B

Encl: (1) Fuel and Other Hazardous Material Spill Contingency
Plan

1. Purpose. To promulgate procedures for the prevention and abate-
ment of spills of fuel or other hazardous substances (to include
hydraulic fluids, brake fluids, etc.) within aircraft operating
areas at Marine Corps Air Station, New River.

2. Policy. It is the continuing policy of this command to actively
participate in environmental pollution abatement, and to take posi-
tive action to abate and correct discharges of fuel and other hazard-
ous substances. The intent of this policy is to carry out the
provisions of references (a) through (d), and to preclude the pollu-
tion of the environment by containing spills before they reach ground
or water.

3. Responsibilities.

a. Officer-in-Charge, Aircraft Firefighting and Rescue Division
(AFRD):

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 551

PROFESSOR [Name]

LECTURE NOTES

CHAPTER 1

1.1

1.2

1.3

1.4

1.5

1.6

1.7

1.8

(1) Provide initial response and assume responsibility for spill containment and cleanup. AFRD will coordinate all spill response activities within aircraft operating areas. Notify Base Fire Department Dispatcher, as early as possible, of support required from Marine Corps Base.

(2) Make appropriate initial notifications and after-action reports as specified in enclosure (1).

(3) Provide sorbent matting to squadron cleanup crews.

b. Base Fire Chief, Camp Lejeune:

(1) After initial notification of a spill from AFRD, advise necessary officials at Camp Lejeune.

(2) Ensure that fire fighting personnel do not enter aircraft operating areas unless specifically requested to do so by OIC, AFRD.

(3) Coordinate requests by AFRD for spill response support from Base organizations.

c. Commanding Officers/Aircraft Maintenance Officers:

(1) Take all steps possible to eliminate the accidental discharge of fuel and other hazardous substances.

(2) Ensure all personnel are knowledgeable of the provisions of enclosure (1).

(3) Ensure that all spills are reported immediately.

(4) Provide necessary manpower to contain and clean up spills occurring as a result of operations under their cognizance.

d. Officer-in-Charge, Fuel Division will establish procedures to prevent spills during refueling/defueling operations.

4. Concurrence. Having received the concurrence of the Commanding General, Marine Corps Base, Camp Lejeune, and the Commanding Officers,

1. Introduction

The purpose of this document is to provide a comprehensive overview of the project's objectives and scope.

This document is organized as follows:

- 1. Introduction
- 2. Objectives
- 3. Scope
- 4. Methodology
- 5. Results
- 6. Conclusion

The following sections describe the project's goals and the approach used to achieve them.

The project aims to develop a system that can effectively manage and analyze large datasets.

The methodology employed involves a combination of data collection, analysis, and reporting.

The results of the project demonstrate a significant improvement in data processing efficiency.

In conclusion, the project has successfully met its objectives and is ready for implementation.

The following table provides a summary of the project's key findings and recommendations.

It is recommended that the project be implemented in a phased manner to ensure stability.

The project team is committed to providing ongoing support and maintenance for the system.

The project has been completed successfully and is ready for deployment.

The project has been completed successfully and is ready for deployment.

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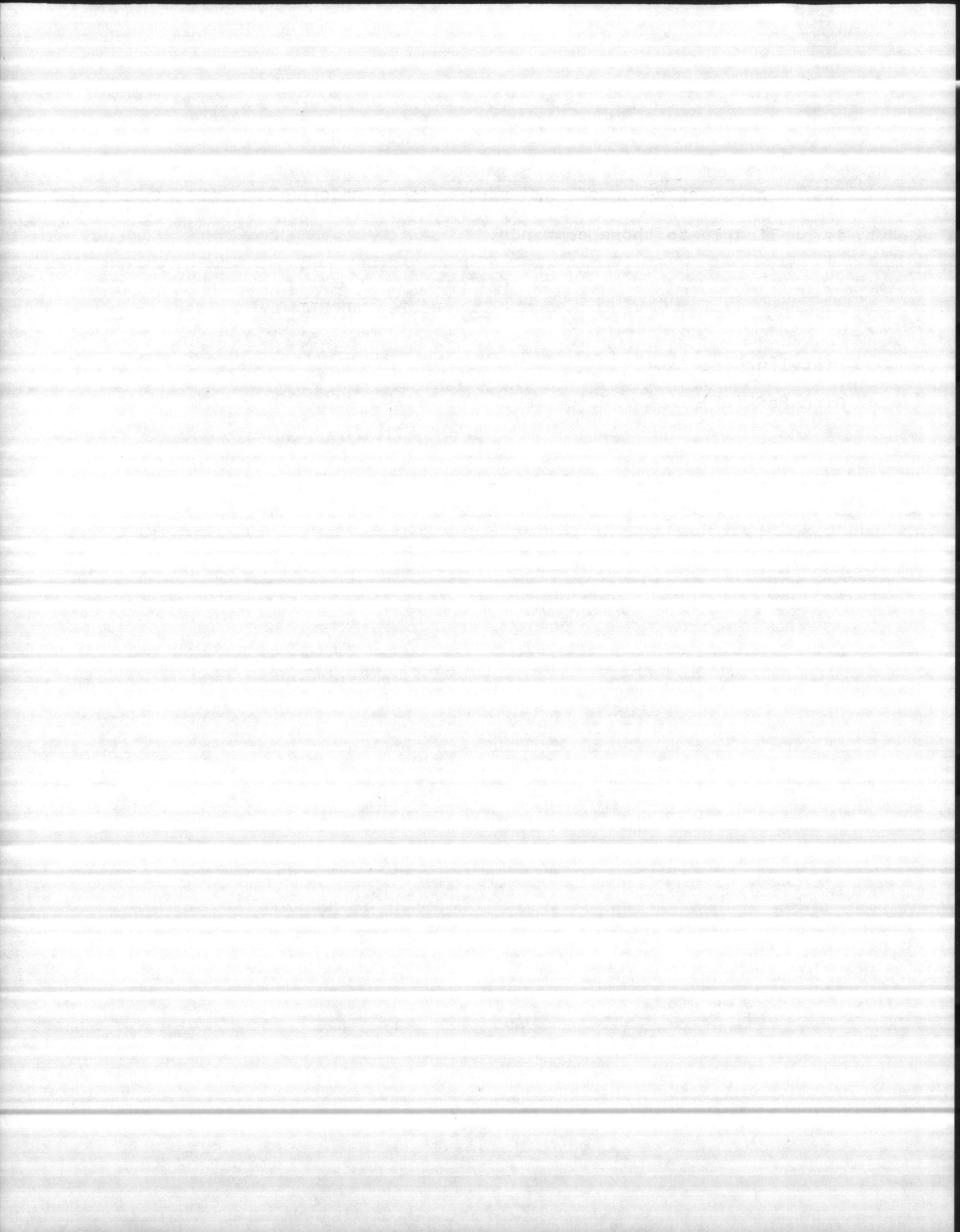
The project has been completed successfully and is ready for deployment.

Marine Aircraft Group-26, and Marine Aircraft Group-29, this Order is applicable to those commands.

B. D. WADDELL

Distribution: A

Grnd Saf (25)



FUEL AND OTHER HAZARDOUS MATERIAL SPILL CONTINGENCY PLAN

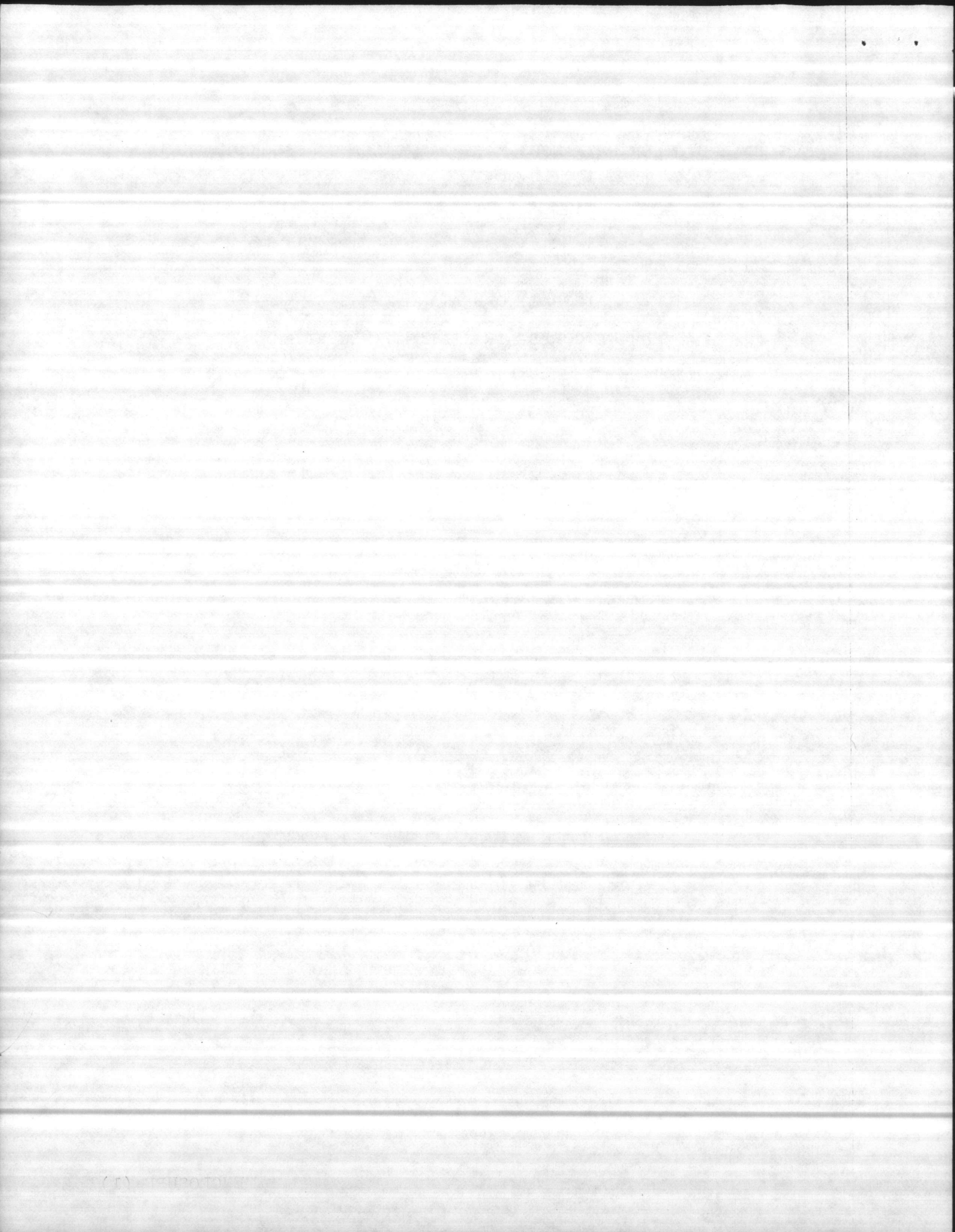
FOR

AIRCRAFT OPERATING AREAS
MARINE CORPS AIR STATION, NEW RIVER

PREPARED

SEPTEMBER, 1985

ENCLOSURE (1)



1. Reporting of Spills. All spills of fuel or hazardous materials shall be reported immediately to the Aircraft Firefighting and Rescue Division (AFRD), extensions 6629/6224. The report shall include mat number, aircraft number, substance spilled and the approximate amount.

2. Response to Spill

a. Aircraft Firefighting and Rescue Division:

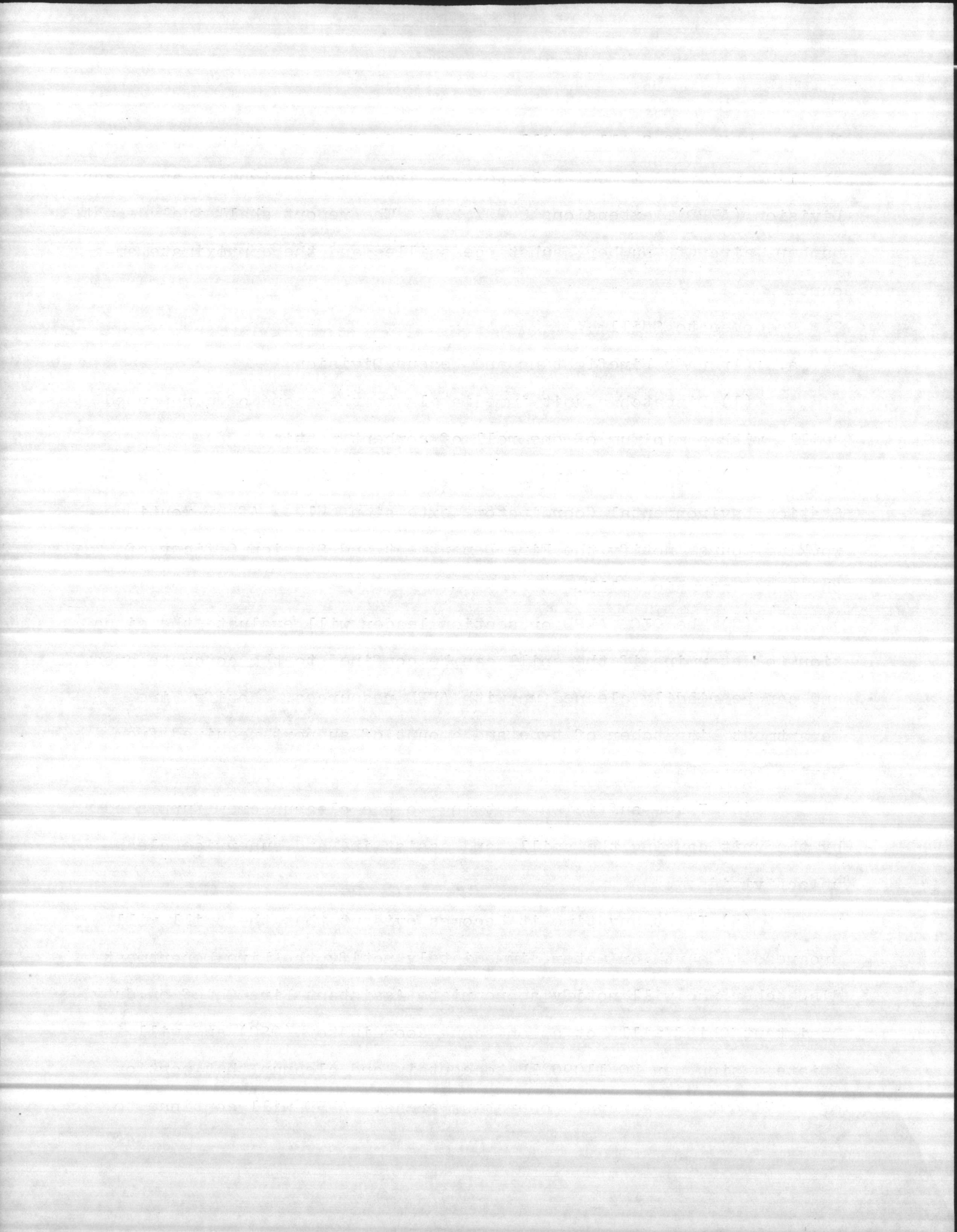
(1) Dispatch a unit immediately to the scene of a reported spill, with a minimum of one roll of sorbent matting.

(2) Notify the Fire Department, extension 3333, and the Station Environmental Coordinator, extension 6518. After routine working hours, notify the Fire Department and Station Officer of the Day, extension 6111.

(3) The OIC, AFRD or section leader will evaluate the situation to determine if the spill can be confined to the concrete area and can be readily cleaned up with AFRD resources. Notify Fire Department Dispatcher of type and amount of support required from Marine Corps Base.

(4) Issue sufficient matting to the cleanup crew furnished by the unit causing the spill, and assist in, and supervise cleanup activities.

(5) If at any time it becomes evident that the spill will progress to earth or water, immediately notify the Fire Department dispatcher who will notify appropriate Assistant Fire Chief on duty. Assistant Chief will act as on-scene coordinator (OSC) and will initiate action per BO 11090.1B to contain and cleanup that portion of spill outside aircraft operating areas. AFRD will continue to



coordinate containment/cleanup within aircraft operating areas. OIC, AFRD and OSC will work closely together to ensure efficient, safe use of available resources.

(6) Make a follow-up call to the Fire Department informing them of clean-up completion, and estimated gallons of fuel spilled and recovered.

(7) Complete an Accidental Fuel Spillage Report (Appendix A) and submit it to the Station Environmental Coordinator.

b. Base Fire Department:

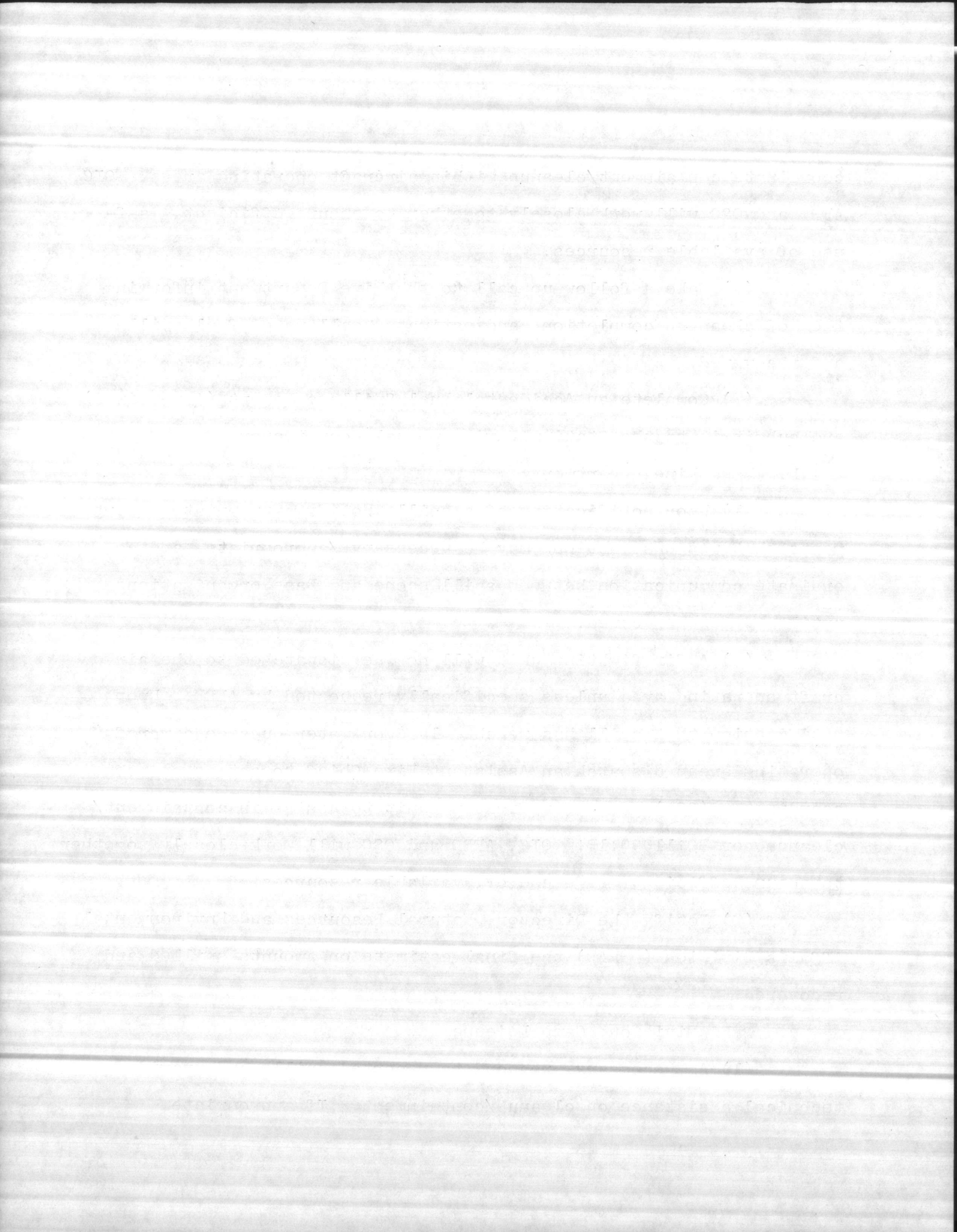
(1) Upon notification of a spill, notify appropriate departments that response actions may be necessary /appropriate, and coordinate communication between spill scene and Base organizations until emergency secured.

(2) A firefighting unit will not be dispatched to the aircraft operating area unless specifically requested by AFRD. Upon notification that spill has reached land or water outside aircraft operating area, dispatch an Assistant Fire Chief to act as on-scene coordinator (OSC) and a firefighting unit to assist in containment/cleanup per BO 11090.1B. OIC, AFRD and OSC will work closely together to ensure efficient, safe use of available resources.

(3) Notify the Director, Natural Resources and Environmental Affairs Division (NREAD) the final estimate on amounts spilled and recovered.

c. NREA Division, Camp Lejeune:

(1) As necessary, respond to reported spills and provide technical assistance on cleanup/containment. If appropriate,



assume responsibilities as OSC from the Fire Department.

(2) Report spills to appropriate State and Federal agencies.

d. Base Maintenance Officer, Camp Lejeune. Respond immediately to the request of the Base Fire Department dispatcher for manpower, equipment and supplies per BO 11090.1B.

3. Spill containment and cleanup:

a. Reporting. Call AFRD, 6629/6224.

b. Containment procedures:

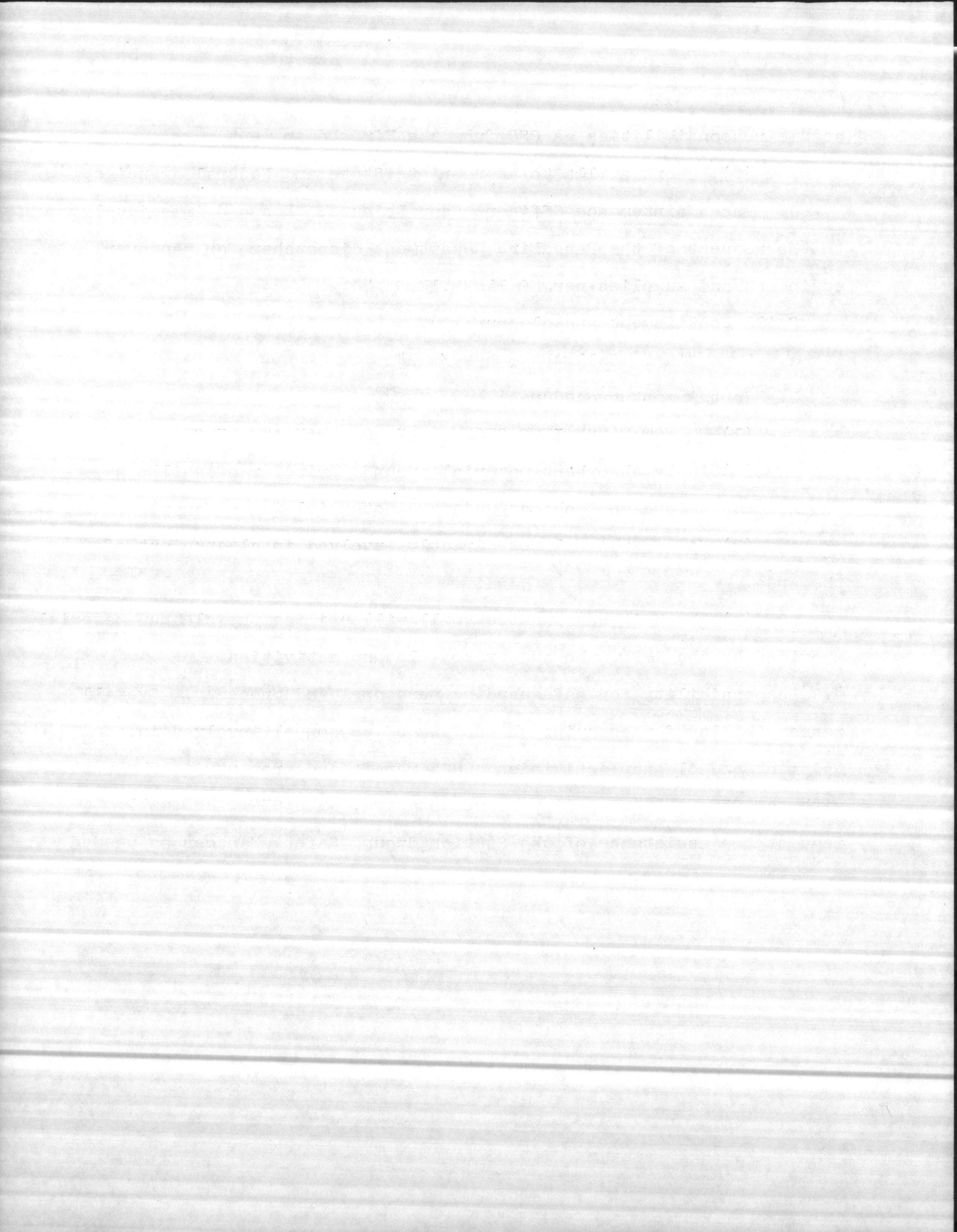
(1) DO NOT FLUSH INTO STORM DRAIN OR DRAINAGE DITCH.

(2) Apply absorbent material around perimeter of spill, ensuring that a foreign - object - damage potential is not created.

(3) Keep personnel not directly involved in cleanup out of the area.

(4) The unit causing the spill will utilize the cleanup material provided by the AFRD, who supervises cleanup activities.

4. Responsibility for safeguarding personnel and property. Overall responsibility for ensuring the safety of personnel involved in containment and cleanup activities and aircraft and property nearby rests with the OIC, AFRD or senior representative. The OIC, AFRD will request the assistance of the Station Ground Safety Manager as needed.



UNITED STATES MARINE CORPS
Aircraft Firefighting and Rescue Division
Marine Corps Air Station
New River, Jacksonville
North Carolina 28545

214
11090

DATE

REPORT #

MEMORANDUM

From: Officer in Charge
To: Environmental Coordinator

Subj: ACCIDENTAL FUEL SPILLAGE REPORT

1. Reporting. Spills of fuel, oil or other hazardous substances will be reported immediately to the Station Environmental Coordinator (phone 6506) and the Base Fire Department (phone 3333). After normal working hours, spills will be reported in the same manner, with the exception that the Station Officer-of-the-Day vice the Station Environmental Coordinator, will be notified (6524). The report is as follows:

a. Type of fuel spilled: _____ Amount _____

b. Amount recovered: _____

c. Place: SQD: _____ A/C: _____
MAT#: _____ JU: _____

d. Time, date: _____

e. Specific cause of spill: _____

f. Did fuel reach storm drains and/or ditches? _____

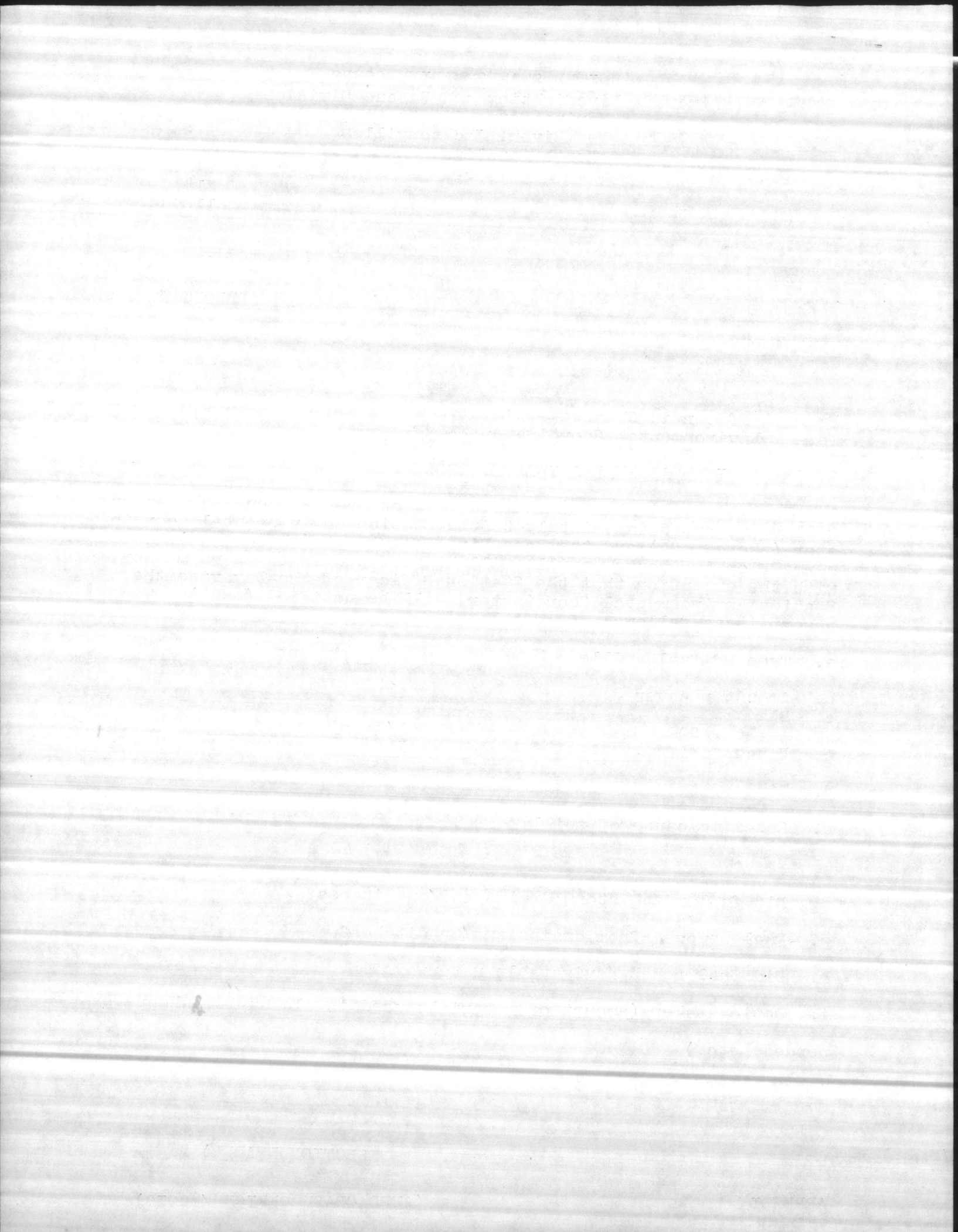
g. Fuel removed from drains and/or ditches? _____

h. Did fuel reach navigatable waterways? _____

i. Action taken (amount of materials used in cleanup, manhours expended, etc.) _____

j. Name of person notified: _____ OOD S-4

SECTION LEADER)





UNITED STATES MARINE CORPS

MARINE CORPS AIR STATION
NEW RIVER, JACKSONVILLE
NORTH CAROLINA 28545-5001

IN REPLY REFER TO:

ASO 11090.2
GSO

Air Station Order 11090.2

From: Commanding Officer
To: Distribution List

Subj: OIL/FUEL POLLUTION PREVENTION AND ABATEMENT SPILL
CONTINGENCY PLAN FOR AIRCRAFT OPERATING AREAS

Ref: (a) Resource Conservation and Recovery Act (RCRA) of 1976
(NOTAL)
(b) Clean Water Act (NOTAL)
(c) MCO P11000.8A
(d) BO 11090.1B

Encl: (1) Fuel and other hazardous material spill contingency
plan

1. Purpose. To promulgate procedures for the prevention and abatement of spills of fuel or other hazardous substances (to include hydraulic fluids, brake fluids, etc) within aircraft operating areas at Marine Corps Air Station, New River.

2. Policy. It is the continuing policy of this command to actively participate in environmental pollution abatement, and to take positive action to abate and correct discharges of fuel and other hazardous substances. The intent of this policy is to carry out the provisions of references (a) through (d), and to preclude the pollution of the environment by containing spills before they reach ground or water.

3. Responsibilities.

a. Officer-in-Charge, Aircraft Firefighting and Rescue
Division (AFRD).

(1) Provide initial response and assume responsibility for spill containment and cleanup. AFRD will be coordinate all spill response activities within Aircraft Operating Areas. Notify Base fire Department Dispatcher, as early as possible, of support required from MARINE CORPS Base.

1

2

~~of On Scene Coordinator (OSC) in accordance with procedures outlined in enclosure (1).~~

- (2) Make appropriate initial notifications and after-action reports as specified in enclosure (1).
- (3) Provide sorbent matting to squadron clean-up crews.

b. Base Fire Chief, Camp Lejeune.

- (1) After initial notification of a spill from AFRD, advise necessary officials at Camp Lejeune.

(2) ~~Respond to the spill scene only if requested by the Operating Areas unless specifically requested to do so by OIC, AFRD.~~ *Ensure that fire fighting personnel do not enter aircraft*

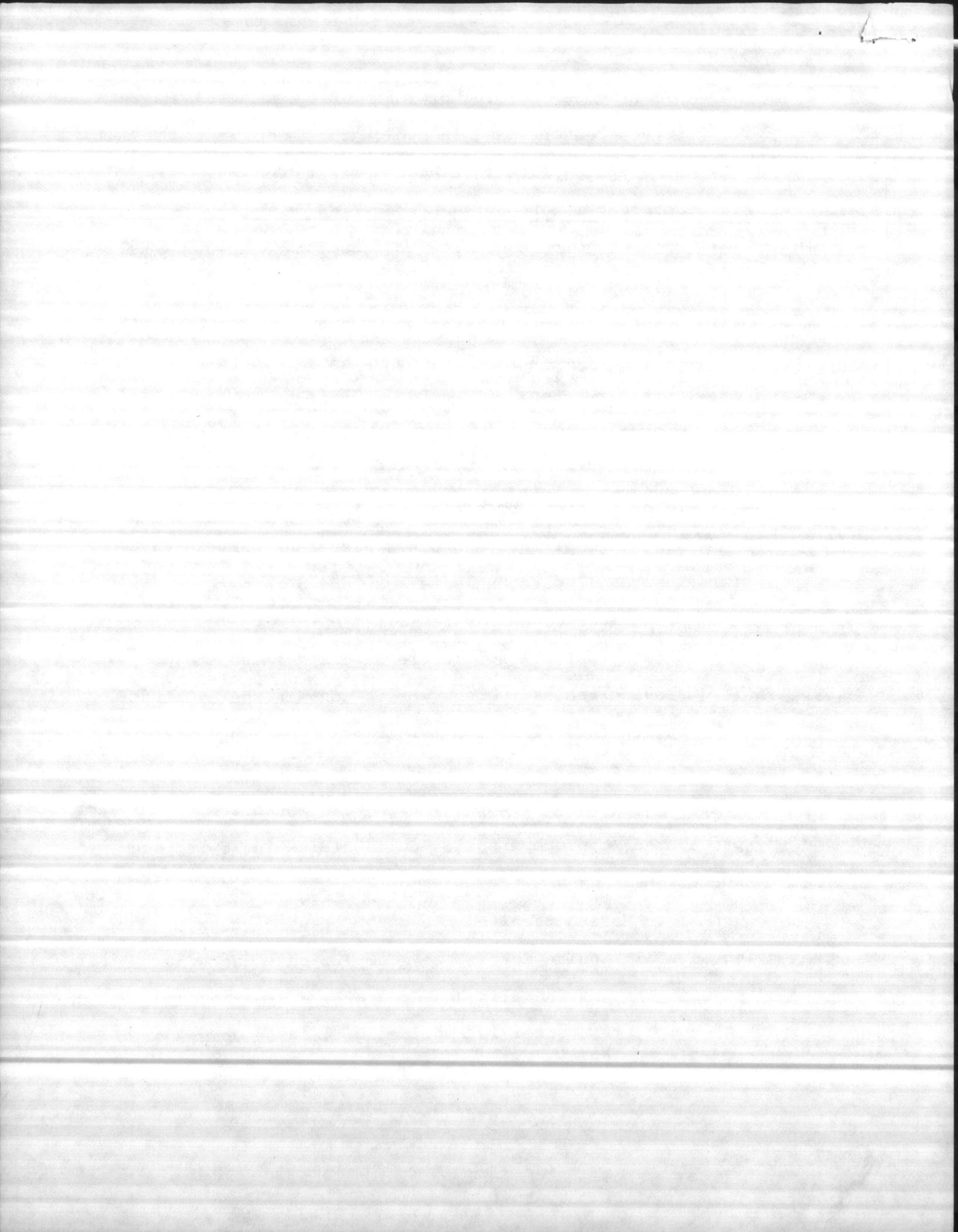
c. *Coordinate requests by AFRD for spill response support from Base Organizations.*
Commanding Officers/Aircraft Maintenance Officers

- (1) Take all steps possible to eliminate the accidental discharge of fuel and other hazardous substances.
- (2) Ensure all personnel are knowledgeable of the provisions of enclosure (1).
- (3) Ensure that all spills are reported immediately.
- (4) Provide necessary manpower to contain and clean-up spills occurring as a result of operations under their cognizance.

d. Officer-in-Charge, Fuel Division will establish procedures to prevent spills during refueling/defueling operations.

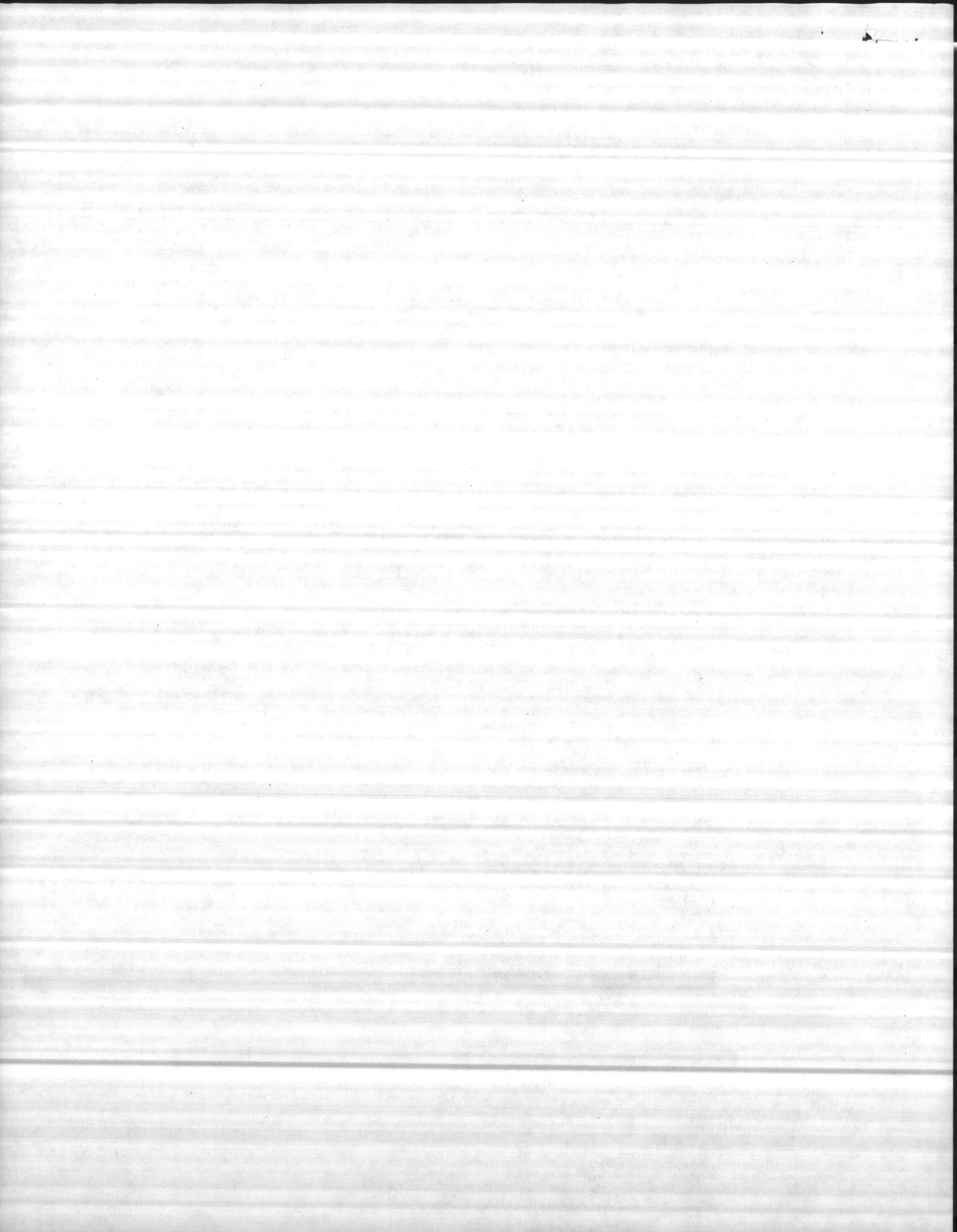
4. Concurrence. Having received the concurrence of the Commanding General, Marine Corps Base, Camp Lejeune, and the Commanding Officers, Marine Aircraft Group-26, and Marine Aircraft Group-29, this order is applicable to those commands.

B. D. WADDELL



Distribution: A

Grnd Saf (25)



1. Reporting of Spills. All spills of fuel or hazardous materials shall be reported immediately to the Aircraft Firefighting and Rescue Division (AFRD), extension 6629/6224. The report shall include mat number, aircraft number, substance spilled and the approximate amount.

2. Response to Spill.

a. Aircraft Firefighting and Rescue Division.

(1) Dispatch a unit immediately to the scene of a reported spill, with a minimum of one roll of sorbent matting.

(2) Notify the Fire Department, extension 3333, and the Station Environmental Coordinator, extension 6518. After routine working hours, notify the Fire Department and Station Officer of the Day, extension 6111.

(3) The OIC, AFRD or section leader ~~will assume duties as the On-Scene Coordinator (OSC),~~ and will evaluate the situation to determine if the spill can be confined to the concrete area and can readily cleaned up with ~~sorbent matting.~~ ^{AFRD resources.} *Notify Fire Department Dispatcher of type and amount of support required from MARINE CORPS Base.*

(4) Issue sufficient matting to the clean-up crew furnished by the unit causing the spill, and assist in, and supervise clean-up activities.

(5) If at any time it becomes evident that the spill will progress to earth or water, immediately notify the Fire

Department ^{Dispatcher who will Notify Appropriate Assistant Fire Chief on duty. Assistant Chief will act as on-scene coordinator (OSC) and will initiate Action Per BO11090.11B} ~~to contain and clean up that portion of spill outside aircraft operating areas.~~ ^{AFRD will continue to coordinate containment/cleanup within aircraft operating areas.} ~~OIC AFRD And OSC will work closely together to ensure efficient, safe use of available resources.~~

(6) ^{Make a follow-up call to the Fire Department} informing them of clean-up completion, and estimated gallons of fuel spilled and recovered.

21. Make a follow-up call to the fire department

the fire chief in accordance with reference 15.

15. Make a follow-up call to the fire department

(7) Complete an Accidental Fuel Spillage Report (Appendix A) and submit it to the Station Environmental Coordinator.

b. Base Fire Department

(1) Upon notification of a spill, notify appropriate

departments that response actions may be necessary, appropriate, and *Coordinate communication between spill scene and Base organizations until emergency secured.*

dispatch an
~~(2) A firefighting unit will not be dispatched to the Aircraft operating Area unless specifically requested by AFRD. Upon notification that spill scene unless assistance from AFRD is requested, or unless the NAS reached land or water outside Aircraft operating area, Dispatch an Assistant Fire Chief to act as on scene-coordinator (OSC) and a Fire fighting unit to assist in containment/cleanup per BO 11090.1B. OIC, AFRD and OSC will work closely together to ensure efficient, safe use of available resources.~~

(3) Notify the Director, Natural Resources and

Environmental Affairs (NREA) Division the final estimate on amounts spilled and recovered.

c. NREA Division, Camp Lejeune

(1) As necessary, respond to reported spills and provide technical assistance on clean-up/containment. *Appropriate* If the spill ~~leaves the confines of aircraft operating areas,~~ assume responsibilities as OSC from the Fire Department.

(2) Report spills to appropriate state and federal agencies.

d. Base Maintenance Officer, Camp Lejeune. Respond immediately to the request of the Base fire Department Dispatcher for manpower, equipment and supplies per BO 11090.1B

3. Spill Containment and Clean-up.

a. Reporting. Call AFRD, 6629/6224.

b. Containment procedures

(1) DO NOT FLUSH INTO STORM DRAIN OR DRAINAGE DITCH.

(2) Apply absorbent material around perimeter of spill, ensuring that a foreign - object - damage potential is not created.

High speed motor or water pump

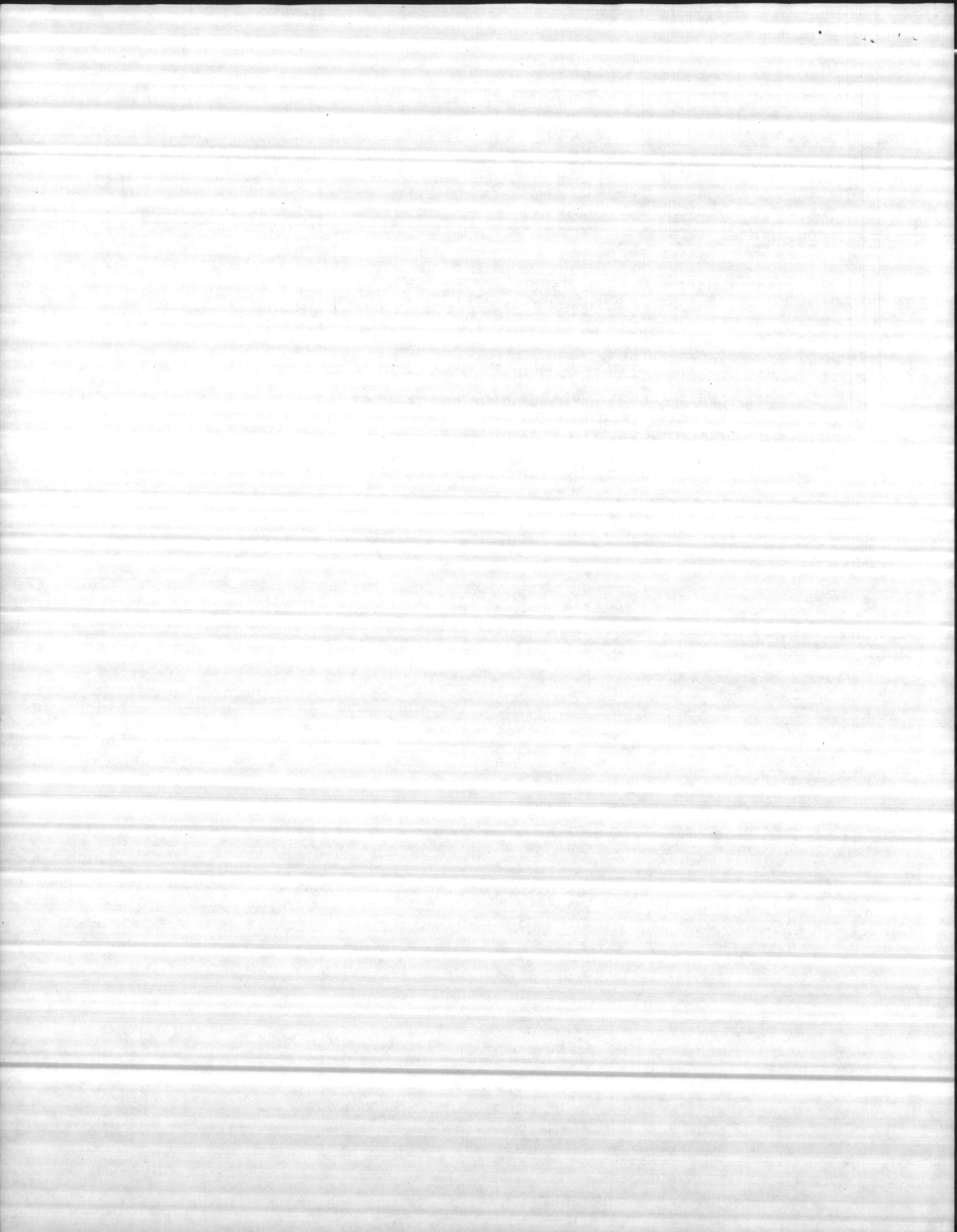
For with men and equipment

(3) Keep personnel not directly involved in clean-up out of the area.

(4) The unit causing the spill will utilize the clean-up material provided by the AFRD, who supervises clean-up activities.

4. Responsibility for Safeguarding Personnel and Property.

Overall responsibility for ensuring the safety of personnel involved in containment and clean-up activities and aircraft and property nearby rests with the OIC, AFRD or senior representative. The OIC, AFRD will request the assistance of the Station Ground Safety Manager as needed.



Aircraft Firefighting and Rescue Division
Marine Corps Air Station
(Helicopter)
New River, Jacksonville
North Carolina 28545

214
11090

(DATE)

(REPORT)

MEMORANDUM

From: Officer In Charge

To: ~~S-4 Officer~~ ENVIRONMENTAL COORDINATOR

Subj: ACCIDENTAL FUEL SPILLAGE REPORT

1. Reporting. Spills of fuel, oil or other hazardous substances will be reported immediately to the Station ~~S-4 Officer~~ ENVIRONMENTAL COORDINATOR and the BASE Station Fire Dept. for non-aircraft operating areas (phone 3333). After normal working hours, spills will be reported in the same manner with the exception that the Station Officer of the Day vice the Station ~~S-4~~ ENVIRONMENTAL COORDINATOR will be notified (6524). The report is as follows:

a. Type of fuel spilled: _____ AMOUNT

b. Amount of fuel spilled: _____

c. Amount recovered: _____

d. Place: MAT#: _____ SQD: _____ A/C: _____
BU: _____

e. Time, date: _____

f. Specific cause of spill: _____

g. Did fuel reach storm drains and/or ditches? _____

h. Fuel removed from drains and/or ditches? _____

i. Did fuel reach navigatable waterways? _____

j. Action taken (amount of materials used in cleanup, manhours expended, ect.) _____

k. Name of person notified: _____ OOD S-4

(SECTION LEADER)

(AFRD CRASH OFFICER/NOIC)

appendix A

REPRODUCED AT GOVERNMENT EXPENSE
REPRODUCED AT GOVERNMENT EXPENSE

