UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542-5001

11800
BOSM

MAR 10 1987

From: Assistant Chief of Staff, Base Operational Support
Management Assistance
To: Scott Rhoades, Base Maintenance Division
Via: (1) Assistant Chief of Staff, Facilities BWE 3/10/87
(2) Base Maintenance Officer

Subj: MODEL INSTALLATION PROGRAM PROPOSAL

Encl: (1) MIP #87-CLNC-060-FAC/BOSM, EXPANDED USE OF AIR CONDITIONING FILTER

1. This office is in receipt of your submission to the Model Installation Program, and has assigned it the number identified in the enclosure. The proposal is currently being staffed and processed. You will be notified as soon as a decision has been made.

2. We appreciate your participation in the Model Installation Program and ask for your continued support. Good ideas will make the Camp Lejeune community a better place to work and live.

H. F. SMITH

MODEL INSTALLATION PROGRAM

PROPOSAL

MARINE CORPS BASE
CAMP LEJEUNE

INSTRUCTIONS:
1. COMPLETE ALL INFORMATION REQUESTED.
2. PLEASE PRINT OR TYPE LEGIBLY.
3. USE ADDITIONAL SHEETS IF NECESSARY.
4. FORWARD COMPLETED PROPOSAL TO AC/S, BOSMAD, MCB

DO NOT WRITE IN THIS SPACE

DATE RECEIVED: 6 Mar 87

PROPOSAL NUMBER: 87-CLNC-060-FAC/BOSM

TITLE OR SUBJECT OF PROPOSAL

Expanded use of Air Conditioning filter (washable type)

NAME, TITLE, GRADE/RANK, UNIT OF SUBMITTER(S)

Scott Rhoades, WG-8, Maintenence Worker, Base Maint. Div. (shop 53)

PHONE: 451-3235

CURRENT PROCEDURE

Air conditioning filters for window type units are not being utilized in all possible situations where a need for air filtration exists.

(Filter was available in the supply system under NSN 4130-00-C00-5819, unsure if it is still available)

PROPOSED PROCEDURE (If a directive/order must be waived to implement proposal-Identify the specific reference.)

Suggest that the filter be made available to all field and tactical units that utilize any type of electronic equipment, such as radios, computers, generators, etc, in a field environment. I,also suggest.that any unit or organization that has electronic equipment, whether in the field,or garrison, be made aware of the use of these filters. These filters can be cut to the desired size, and applied readily to any piece of equipment, which has a air intake port for the cooling of the electronic components. Further, these filters are easily washable and extremely lightweight.

BENEFITS/ADVANTAGES

The advantages to this suggestion are far reaching and have the potential of saving the government many thousands of dollars in the costs of labor, repair, replacement, and equipment down time. First, if the filters are used to filter the air before it enters the equipment it will trap most of the dust and dirt which the unit is exposed to, which in turn would increase the dependability of the unit,especially in the case of a tactical or field unit. Also, if the dirt is trapped before it enters there would be less to remove during PM, which would reduce the time needed for maintenance. Another benefit would be a longer life for parts,due to the reduced heat stress the parts are exposed to, by not (cont.)

I (WE) **UNDERSTAND** THAT THE ACCEPTANCE OF A CASH AWARD FOR THE USE OF THIS PROPOSAL BY THE UNITED STATES GOVERNMENT SHALL NOT FORM THE BASIS OF A FURTHER CLAIM OF ANY NATURE UPON THE UNITED STATES BY ME (US), MY (OUR) HEIRS, OR ASSIGNS.

Scott Rhoades 05 MAR 87
(SIGNATURE AND DATE)

(SIGNATURE AND DATE)

MODEL INSTALLATION PROPOSAL
MCBCL 11800

Excellent Installations — The Foundation Of Defense

Subj: Expanded use of A/C filters

having the dirt and dust insulating them and retaining heat which reduces the effective life of the components. The filters cost appr.$1.24, which is an extremely cheap price for the protection and increased dependability that the use of this filter offers, in addition the filter comes in a 15"x 24"size which can be cut to protect many different pieces of equipment at one time, and it can be washed out and reinstalled in a few minutes which further saves time and labor.

The use of this idea is not limited to the Marine Corps but, can be used in any of the services where electronic equipment is utilizied.

OPNAV 5216/144A (Rev. 8-81)
S/N 0107-LF-052-2320

DEPARTMENT OF THE NAVY

Memorandum

11800
FAC

DATE: MAR 11 1987

FROM: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune

TO: Base Maintenance Officer

SUBJ: MODEL INSTALLATION PROGRAM PROPOSALS

Ref: (a) AC/S BOSMAD memo 11800 BOSM dtd 10 Mar 1987

Encl: (1) MIP NO. 87-CLNC-060-FAC/BOSM, Expanded Use of Air Conditioning Filter
(2) MIP NO. 87-CLNC-061-FAC/LOG, Warranty Utilization Procedure

1. Please review the enclosures in accordance with the reference and established procedures. Response is requested by 3 April 1987.

K. J. KIRIACOPOULOS
By direction

11800
BOSM
MAR 10 1987

MEMORANDUM

From: Assistant Chief of Staff, Base Operational Support Management Assistance
To: Assistant Chief of Staff, Facilities

Subj: MODEL INSTALLATION PROGRAM PROPOSAL NO. 87-CLNC-060-FAC/BOSM, EXPANDED USE OF AIR CONDITIONING FILTER

Encl: (1) Subject Proposal

1. The enclosed proposal is forwarded for review and comment. Request recommendation for approval or disapproval be returned to this office with an excerpt from the applicable directive within ten working days from date of receipt. Recommendation for disapproval should be accompanied by a written rationale.

2. This office will forward proposals recommended for approval directly to the Commanding General for decision. Proposals recommended for disapproval will be reviewed by the Model Installation Steering Committee prior to forwarding to the Commanding General.

3. It is recommended that any other Marine Corps Base department that may be affected by the approval or disapproval of the enclosed proposal be contacted during your review.

4. BOSMAD POC is D. Martin, 5521/1577.

H. F. SMITH

Enclosure (1)

MODEL INSTALLATION PROGRAM

PROPOSAL

MARINE CORPS BASE
CAMP LEJEUNE

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DATE RECEIVED: 6 Mar 87

TITLE OR SUBJECT OF PROPOSAL: Expanded use of Air Conditioning filter (washable type)

PROPOSAL NUMBER: 87-CLNC-060-FAC/BOS

NAME, TITLE, GRADE/RANK, UNIT OF SUBMITTER(S): Scott Rhoades, WG-8, Maintenence Worker, Base Maint. Div. (shop 53)

PHONE: 451-3235

CURRENT PROCEDURE

Air conditioning filters for window type units are not being utilized in all possible situations where a need for air filtration exists.

(Filter was available in the supply system under NSN 4130-00-C00-5819, unsure if it is still available)

PROPOSED PROCEDURE (If a directive/order must be waived to implement proposal-Identify the specific reference.)

Suggest that the filter be made available to all field and tactical units that utilize any type of electronic equipment, such as radios, computers, generators, etc, in a field environment. I, also suggest, that any unit or organization that has electronic equipment, whether in the field, or garrison, be made aware of the use of these filters. These filters can be cut to the desired size, and applied readily to any piece of equipment, which has a air intake port for the cooling of the electronic components. Further, these filters are easily washable and extremely lightweight.

BENEFITS/ADVANTAGES

The advantages to this suggestion are far reaching and have the potential of saving the government many thousands of dollars in the costs of labor, repair, replacement, and equipment down time. First, if the filters are used to filter the air before it enters the equipment it will trap most of the dust and dirt which the unit is exposed to, which in turn would increase the dependability of the unit, especially in the case of a tactical or field unit. Also, if the dirt is trapped before it enters there would be less to remove during PM, which would reduce the time needed for maintenance. Another benefit would be a longer life for parts, due to the reduced heat stress the parts are exposed to, by not (cont.

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Scott Rhoades 05 MAR 87
(SIGNATURE AND DATE)

(SIGNATURE AND DATE)

MODEL INSTALLATION PROPOSAL
MCBCL 11800

Excellent Installations — The Foundation Of Defense

ENCL (1)

Subj: Expanded use of A/C filters

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OPNAV 5216/144A (Rev. 8-81)
S/N 0107-LF-052-2320

DEPARTMENT OF THE NAVY

Memorandum

11800
FAC

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FROM: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune

TO: Base Maintenance Officer

SUBJ: MODEL INSTALLATION PROGRAM PROPOSALS

Ref: (a) AC/S BOSMAD memo 11800 BOSM dtd 10 Mar 1987

Encl: (1) MIP NO. 87-CLNC-060-FAC/BOSM, Expanded Use of Air Conditioning Filter
(2) MIP NO. 87-CLNC-061-FAC/LOG, Warranty Utilization Procedure

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K. J. KIRIACOPOULOS
By direction

11800
BOSM
MAR 10 1987

MEMORANDUM

From: Assistant Chief of Staff, Base Operational Support Management Assistance
To: Assistant Chief of Staff, Facilities

Subj: MODEL INSTALLATION PROGRAM PROPOSAL NO. 87-CLNC-060-FAC/BOSM, EXPANDED USE OF AIR CONDITIONING FILTER

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H. F. SMITH

Enclosure (1)

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PROPOSAL

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CAMP LEJEUNE

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PHONE: 451-3235

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Scott Rhoades 05 MAR 87
(SIGNATURE AND DATE)

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MODEL INSTALLATION PROPOSAL
MCBCL 11800

Excellent Installations — The Foundation Of Defense

ENCL (1)

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T5000

11800
MAIN

3 April 1987

Director, Maintenance and Repair Branch

Deputy Base Maintenance Officer

MODEL INSTALLATION PROPOSAL #87-CLNC-060-FAC/BOSM

Ref: (a) AC/S, Fac memo 11800 FAC of 11 Mar 87

1. As requested by the reference, the following comments are provided regarding the subject MIP.

2. Discussions were held with the following individuals concerning the use of air conditioning filters suggested in the MIP.

a. MSgt Taylor
8th Communication Battalion
Fleet Marine Force Atlantic

b. GySgt Price
Electronics Maintenance Co.
2d Main Bn
2d FSSG (Rein)

3. MSgt Taylor states that all the equipment that 8th Communication Battalion has are utilizing the washable type filter. GySgt Price states that all the equipment that is in use for his organization are water and air tight. The test equipment has the washable type filter.

4. Based upon the above information, it is felt that there is no real requirement for this type filter and if one does exist, it is being utilized.

5. Recommend non-adoption.

R. E. AVANT

T5060 87-060

11800
MAIN

07 APR 1987

From: Base Maintenance Officer
To: Assistant Chief of Staff, Facilities

Subj: MODEL INSTALLATION PROGRAM PROPOSAL 87-CLNC-060-FAC/BOSM

Ref: (a) AC/S BOSMAD memo 11800 FAC dtd 11 Mar 87

1. The subject MIP has been reviewed and two contacts with tactical units indicate washable filters are currently in use as described in the MIP. Accordingly, it is recommended that the MIP evaluation be reassigned to the appropriate tactical organizations for review and determination of application.

CLIFFORD POWELL
By direction

Copy to:
M&R

11800
MAIN

07 APR 1987

From: Base Maintenance Officer
To: Assistant Chief of Staff, Facilities

Subj: MODEL INSTALLATION PROGRAM PROPOSAL 87-CLNC-060-FAC/BOSM

Ref: (a) AC/S BOSMAD memo 11800 FAC dtd 11 Mar 87

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CLIFFORD POWELL
By direction

Copy to:
M&R

Writer: C. G. Powell, DBMO
Typist: S. Pricer, 7 Apr 87

Writer: C. G. Powell, DSMO
Typist: S. Price, 7 Apr 87

CONTRIBUTER(S) (Name: Last, first, M.I.)	CONTRIBUTION (Number and title)	DATE RECEIVED
FUTREAL, Harvey Lee, Jr.	60-87 WATER TANKS AND OBSERVATION TOWERS	3-27-87

POSITION TITLE, AND GRADE OR RANK/RATE	ACTIVITY OF CONTRIBUTER(S) (Name and location)
Electrician WG-10	Marine Corps Base, Camp Lejeune

ORGANIZATIONAL CODE AND TITLE

Base Maintenance

TO:	DATE FORWARDED	DUE DATE
Base Maintenance Officer	7 Apr 87	20 Apr 87

A complete evaluation of this contribution is necessary and all questions that apply should be answered. Although you may not have authority to implement the contribution, you are requested to give your opinion on its value. Do not merely state that authority to adopt the contribution is under the cognizance of GSA, VA, Treasury, etc. YOUR REPLY MAY BE USED VERBATIM IN NOTIFYING THE CONTRIBUTER(S) OF THE RESULTS.

SIGNATURE OF AWARDS ADMINISTRATOR	ACTIVITY AND LOCATION
DONALD . SMYTHE	Civilian Personnel Division Marine Corps Base, Camp Lejeune, NC

INVESTIGATION REPORT	YES	NO
1. WILL CONTRIBUTION BE ADOPTED LOCALLY? (If "NO" give reason for nonadoption in space 4 and answer questions 5 and 6 only)		
2. IS CONTRIBUTION IN OPERATION? (Complete items below)		

IF "YES" GIVE DATE INSTALLED _____ IF "NO" INDICATE BELOW THE ACTION TAKEN TOWARD ADOPTION

☐ COMMITMENT TO ADOPT HAS BEEN MADE ☐ PROJECT OR JOB ORDER HAS BEEN ISSUED ☐ EXPERIMENTAL WORK OR TRIAL TEST IS UNDER WAY ☐ APPROVAL HAS BEEN REQUESTED

3. ESTIMATE OF BENEFITS

A. INTANGIBLE BENEFITS

VALUE ☐ MODERATE ☐ SUBSTANTIAL ☐ HIGH ☐ EXCEPTIONAL

EXTENT OF APPLICATION ☐ LIMITED ☐ EXTENDED ☐ BROAD ☐ GENERAL

B. TANGIBLE BENEFITS (In table below compute labor savings at actual cost.)

ITEM	LABOR			MATERIAL			TOTAL (LABOR AND MATERIALS)
	Hours Per	Dollars Per Hour	TOTAL	Units Per	Cost Per Unit	TOTAL	
FORMER METHOD		$	$		$	$	$
NEW METHOD							
SAVINGS							

4. ADDITIONAL INFORMATION AND COMMENTS

Beneficial Suggestion No. 60-87 is returned disapproved as the subject of graffiti on water towers had previously been addressed by Base Maintenance on 31 Mar 87 in a memo to AC/S Facilities. Copy of the memo is attached providing the options and recommended solution to the problem.

Shari,
Fwd CPD
22 Apr 87.
Rose

(If more space is needed, use reverse side starting with this end of the page up.)

COMMENDED?	YES	NO	SIGNATURE OF INVESTIGATOR	DATE
			Timothy Jewell	4/20/87
D ELSEWHERE, INDICATE WHERE:			ACTIVITY AND LOCATION OF INVESTIGATOR: Base Maintenance Division	
			APPROVING OFFICIAL: Base Maintenance Officer	4/22/87

CONTRIBUTION INVESTIGATION REPORT NAVSO 5305/5 (1-78) 5 PT
S/N 0104-LF-905-0525

CONTRIBUTER(S) (Name: Last, first, M.I.)	CONTRIBUTION (Number and title)	DATE RECEIVED
FUTREAL, Harvey Lee, Jr.	60-87 WATER TANKS AND OBSERVATION TOWERS	3-27-87

POSITION TITLE, AND GRADE OR RANK/RATE	ACTIVITY OF CONTRIBUTER(S) (Name and location)
Electrician WG-10	Marine Corps Base, Camp Lejeune

ORGANIZATIONAL CODE AND TITLE

Base Maintenance

TO:	DATE FORWARDED	DUE DATE
Base Maintenance Officer	7 Apr 87	20 Apr 87

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SIGNATURE OF AWARDS ADMINISTRATOR	ACTIVITY AND LOCATION
DONALD . SMYTHE	Civilian Personnel Division Marine Corps Base, Camp Lejeune, NC

INVESTIGATION REPORT	YES	NO
1. WILL CONTRIBUTION BE ADOPTED LOCALLY? (If "NO" give reason for nonadoption in space 4 and answer questions 5 and 6 only)		
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IF "YES" GIVE DATE INSTALLED _____ IF "NO" INDICATE BELOW THE ACTION TAKEN TOWARD ADOPTION

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(If more space is needed, use reverse side starting with this end of the page up.)

	YES	NO	SIGNATURE OF INVESTIGATOR	DATE
5. IS PATENT INVESTIGATION RECOMMENDED?			Timothy Jewell	4/20/87
6. IF CONTRIBUTION CAN BE USED ELSEWHERE, INDICATE WHERE:			ACTIVITY AND LOCATION OF INVESTIGATOR: Base Maintenance Division	
			APPROVING OFFICIAL: Base Maintenance Officer	4/22/87

UNITED STATES MARINE CORPS
CIVILIAN PERSONNEL DIVISION
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542-5000

IN REPLY REFER TO:

12451
CPD
6 Apr 87

From: Administrator, Incentive Awards Program, Marine Corps Base, Camp Lejeune
To: Base Maintenance Officer, Marine Corps Base, Camp Lejeune

Subj: BENEFICIAL SUGGESTION NO. 60-87

Ref: (a) BO 12451.2

Encl: (1) Contribution Investigation Report, NAVSO 5305/5 (1-78)
(2) Subject suggestion file

1. Enclosure (1) is forwarded for your comments regarding evaluation and consideration for possible adoption of enclosure (2). It is requested that an investigator be assigned for this purpose.

2. Upon completion of the investigation, the suggestion file should be returned to the Administrator, Incentive Awards Program for technical review prior to your approval/disapproval.

3. If you have any questions relative to this matter, please feel free to contact Mrs. Arnold at extension 1458 or 1579.

DONALD L. SMYTHE

31 MAR 1987

11000
MAIN

Base Maintenance Officer, Marine Corps Base, Camp Lejeune

Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune

DIFFERENT OPTIONS FOR GRAFFITI PREVENTION, WATER TOWERS S-1000, S-29, S-5, S-2323, AND SFC-314

1. The below listed options, estimates, and recommendations are forwarded for your review:

OPTIONS	ESTIMATED COST
a. Install an eight foot, nine gauge, chain link fence with single barbed wire arm and double gate	$14,000
b. Install intrusion alarm system, alarm bell and/or flashing lights, and new fence. Alarm activated by touching or attempting to climb over/under fence.	$23,500
c. Install tripwire alarm on towers, secured to ladder cross members and supporting steel legs, to trigger a PMO alarm and local flashing lights.	$12,000
d. Install an infra-red detecting switch to trigger local flood lights (no alarm) with auto-reset.	$ 6,000

2. Option D is recommended. Fenced areas generate increased maintenance problems and the recommended option is the least costly method to provide an effective deterrent.

C. G. POWELL
By direction

NAME OF SUGGESTER(S) (last, first, m.i.)	POSITION TITLE & GRADE (or military rank/rate)	SOCIAL SECURITY NO.
HARVEY LEE FURGEAL JR	WG-10 ELECTRICIAN	242-72-8939
ORGANIZATION (Specify activity, ship, command, bureau or office)	**ORGANIZATION SUBDIVISION** (Dept., Div., Sect., Unit or Shop)	**PHONE**
BASE MAINT	Shop 36 EMERGENCY SER.	1004

I (WE) UNDERSTAND that the acceptance of a cash award for the use of this suggestion by the United States Government shall not form the basis of a further claim of any nature upon the United States by me (us), my (our) heirs, or assigns.

DO NOT WRITE IN THIS SPACE

DATE RECEIVED 3-27-87

SIGNATURE AND DATE	SIGNATURE AND DATE	SUGGESTION NUMBER
[signature] 2-27-87		60-87

TITLE OF SUGGESTION

WATER TANKS AND OBSERVATION TOWERS

Describe in three separate paragraphs (1) the problem, difficulty, or circumstances that prompted you to submit this suggestion; (2) the suggested change; (3) where and how it can be used, what it will accomplish, and how it will benefit the Navy/Government - in terms of tangible savings, if possible.

(1) PERSONS CLIMBING TOWERS & TANKS TO PROVE THER ARE TOUGH ARE VANDALIZING STRUCTURES WITH DRAWINGS, OBSENITIES, AND PHRASES, AND AT THE SAME TIME ARE ENDANGERING LIFE AND PROPERTY. FOREIGN OBJECTS COULD ALSO BE PLACED IN DRINKING WATER THAT COULD CAUSE DAMAGE to PROPERTY OR LIFE.

(2) PLACE AN ELECTRIC EYE SWITCH, "OR EQUIV." ON LADDER SO THAT AN INTRUDER WOULD ACTIVATE A ALARM THAT WOULD DETER INTRUDER, OR SOUND A ALARM AT BASE MAINTENANCE OR AT M.P. H.Q.

(3) THIS COULD BE USED ON ALL STRUCTURES THAT ARE NOT TO BE CLIMBED BY PERSONS NOT AUTHORIZED. WILL REDUCE THE RISK OF BODILY INJURY OR PROPERTY ~~DAMAGE~~ DAMAGE. REDUCE THE NEED FOR MAINT. OR CONTRACTORS TO HAVE to BE PAID TO REMOVE PAINTINGS FROM TOWERS, OR TO REPAIR DAMAGE

Note - If you need more space, continue on separate sheet.

OPNAV 5216/144A (Rev. 8-81)
S/N 0107-LF-052-2320

DEPARTMENT OF THE NAVY

Memorandum

11800
MAIN

DATE: 3 April 1987

FROM: Director, Maintenance and Repair Branch

TO: Deputy Base Maintenance Officer

SUBJ: MODEL INSTALLATION PROPOSAL #87-CLNC-060-FAC/BOSM

Ref: (a) AC/S, Fac memo 11800 FAC of 11 Mar 87

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R. E. Avant

R. E. AVANT

☆U.S. GOVERNMENT PRINTING OFFICE: 1985 — 505-012/18049

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Ref: (a) AC/S BOSMAD memo 11800 BOSM dtd 10 Mar 1987

Encl: (1) MIP NO. 87-CLNC-060-FAC/BOSM, Expanded Use of Air Conditioning Filter
(2) MIP NO. 87-CLNC-061-FAC/LOG, Warranty Utilization Procedure

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By direction

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BOSM
MAR 10 1987

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From: Assistant Chief of Staff, Base Operational Support Management Assistance
To: Assistant Chief of Staff, Facilities

Subj: MODEL INSTALLATION PROGRAM PROPOSAL NO. 87-CLNC-060-FAC/BOSM, EXPANDED USE OF AIR CONDITIONING FILTER

Encl: (1) Subject Proposal

1. The enclosed proposal is forwarded for review and comment. Request recommendation for approval or disapproval be returned to this office with an excerpt from the applicable directive within ten working days from date of receipt. Recommendation for disapproval should be accompanied by a written rationale.

2. This office will forward proposals recommended for approval directly to the Commanding General for decision. Proposals recommended for disapproval will be reviewed by the Model Installation Steering Committee prior to forwarding to the Commanding General.

3. It is recommended that any other Marine Corps Base department that may be affected by the approval or disapproval of the enclosed proposal be contacted during your review.

4. BOSMAD POC is D. Martin, 5521/1577.

H F Smith

H. F. SMITH

Enclosure (1)

MODEL INSTALLATION PROGRAM

PROPOSAL

MARINE CORPS BASE
CAMP LEJEUNE

INSTRUCTIONS:
1. COMPLETE ALL INFORMATION REQUESTED.
2. PLEASE PRINT OR TYPE LEGIBLY.
3. USE ADDITIONAL SHEETS IF NECESSARY.
4. FORWARD COMPLETED PROPOSAL TO AC/S, BOSMAD, MCB

DO NOT WRITE IN THIS SPACE

DATE RECEIVED: 6 Mar 87

PROPOSAL NUMBER: 87-CLNC-060-FAC/BOSM

TITLE OR SUBJECT OF PROPOSAL

Expanded use of Air Conditioning filter (washable type)

NAME, TITLE, GRADE/RANK, UNIT OF SUBMITTER(S)

Scott Rhoades, WG-8, Maintenence Worker, Base Maint. Div. (shop 53)

PHONE: 451-3235

CURRENT PROCEDURE

Air conditioning filters for window type units are not being utilized in all possible situations where a need for air filtration exists.

(Filter was available in the supply system under NSN 4130-00-C00-5819, unsure if it is still available)

PROPOSED PROCEDURE (If a directive/order must be waived to implement proposal-Identify the specific reference.)

Suggest that the filter be made available to all field and tactical units that utilize any type of electronic equipment, such as radios, computers, generators, etc, in a field environment. I,also suggest.that any unit or organization that has electronic equipment, whether in the field,or garrison, be made aware of the use of these filters. These filters can be cut to the desired size, and applied readily to any piece of equipment, which has a air intake port for the cooling of the electronic components. Further, these filters are easily washable and extremely lightweight.

BENEFITS/ADVANTAGES

The advantages to this suggestion are far reaching and have the potential of saving the government many thousands of dollars in the costs of labor, repair, replacement, and equipment down time. First, if the filters are used to filter the air before it enters the equipment it will trap most of the dust and dirt which the unit is exposed to, which in turn would increase the dependability of the unit,especially in the case of a tactical or field unit. Also, if the dirt is trapped before it enters there would be less to remove during PM, which would reduce the time needed for maintenance. Another benefit would be a longer life for parts,due to the reduced heat stress the parts are exposed to, by not (cont.)

I (WE) **UNDERSTAND** THAT THE ACCEPTANCE OF A CASH AWARD FOR THE USE OF THIS PROPOSAL BY THE UNITED STATES GOVERNMENT SHALL NOT FORM THE BASIS OF A FURTHER CLAIM OF ANY NATURE UPON THE UNITED STATES BY ME (US), MY (OUR) HEIRS, OR ASSIGNS.

Scott Rhoades 05 MAR 87
(SIGNATURE AND DATE)

(SIGNATURE AND DATE)

MODEL INSTALLATION PROPOSAL
MCBCL 11800

Excellent Installations — The Foundation Of Defense

ENCL (1)

Subj: Expanded use of A/C filters

having the dirt and dust insulating them and retaining heat which reduces the effective life of the components. The filters cost appr.$1.24, which is an extremely cheap price for the protection and increased dependability that the use of this filter offers, in addition the filter comes in a 15"x 24"size which can be cut to protect many different pieces of equipment at one time, and it can be washed out and reinstalled in a few minutes which further saves time and labor.

The use of this idea is not limited to the Marine Corps but, can be used in any of the services where electronic equipment is utilizied.