NSN: NWS0-21-640-0001

ASN: XEHB-6-02-04

DESCRIPTION: **Combined Modification Document - Modification Note 66**
TCTO 31P1-4-108-601
Installation of a Fire Extinguisher in the Transition Power Maintenance System Shelter

DATE OF ISSUE: June 13, 2002

QUANTITY OF ISSUE: EACH

NWS: EHB-6, Modification Note 66
DoD: TO 31P1-4-108-601

INSTALLATION OF A FIRE EXTINGUISHER IN THE TRANSITION POWER MAINTENANCE SYSTEM SHELTER

DOPPLER METEOROLOGICAL RADAR WSR-88D

DoD Distribution Statement A - Approved for public release; distribution is unlimited.

PUBLISHED UNDER AUTHORITY OF THE SECRETARIES OF
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NWS APPROVAL:

Mark S. Paese Date 6/11/02

Mark S. Paese
Acting Chief, Maintenance Logistics
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DoD APPROVAL:

BY ORDER OF THE SECRETARY OF THE AIR FORCE

JOHN P. JUMPER, General, USAF
Chief of Staff

Edward L. Berkowitz Date 6-11-02

Edward L. Berkowitz, Chief
Program Branch
Radar Operations Center
TOMA

1. SUBJECT

Installation of a Fire Extinguisher in the Transition Power Maintenance System (TPMS) Shelter.

2. PURPOSE

This document provides instructions and materials to install a fire extinguisher in the TPMS shelter. The fire extinguisher ensures the NEXRAD is complying with all safety standards. The authority for this modification is Radar Operations Center (ROC) Engineering Change Proposal (ECP) F0059R3, Continuous Power Source for WSR-88D Radars (TPMS).

For additional information concerning this document, contact the ROC Hotline, Norman, OK; phone number: (800) 643-3363 or (405) 366-2980 or by e-mail at NEXRAD.Hotline@noaa.gov. An electronic copy of this document can be found at the following internet address: www.roc.noaa.gov/ssb/sysdoc/techman/tmlinks.asp

3. SITES AFFECTED

See ATTACHMENT 2.

4. ESTIMATED COMPLETION DATE

This modification must be completed and reported no later than 60 days after receipt of this document and kit.

5. EQUIPMENT AFFECTED

Transition Power System.

6. SPARES AFFECTED

Not applicable.

7. MODIFICATION ACCOMPLISHED BY

Site electronics technicians will accomplish this task. One technician is required to perform these procedures.

8. MATERIAL REQUIRED

Nomenclature	Part Number	NSN	Qty
Fire extinguisher with bracket and screws	B456 or A456	4210-01-467-3616	1 each

9. SOURCE OF MATERIALS

Kits are requisitioned by the ROC and shipped at no cost to the site.

10. SPECIAL TOOLS AND TEST EQUIPMENT REQUIRED

Not applicable.

11. TIME AND PERSONNEL REQUIRED

Work Phases	Work-hours
Unpacking	.10
Disassembly	.0
Installation	.80
Assembly	.10
Operational Check	.0
Total Work-hours	1.0

12. DOCUMENTS AFFECTED

Not applicable.

13. VERIFICATION STATEMENT

This modification was successfully installed at the ROC.

14. DISPOSITION OF REMOVED AND REPLACED PARTS/MATERIALS

Not applicable.

15. PROCEDURES

See ATTACHMENT 1.

16. FAA DISTRIBUTION

Not applicable.

17. CHANGES TO TABLE OF CONTENTS (FAA)

Not applicable.

18. RECOMMENDATIONS FOR CHANGES (FAA)

Not applicable.

19. REPORTING INSTRUCTIONS

a. NWS

Report completed modification on WS Form A-26, Engineering Management Reporting System Maintenance Record, according to the instructions in Engineering Handbook No. 4 (EHB-4), Engineering Management Reporting System (EMRS), part 2. Include the following information on the WS Form A-26:

- An Equipment Code of TPS in Block 7.
- The appropriate serial number in Block 8.
- A Mod No. of 66 in Block 17a.

See ATTACHMENT 4 for a completed sample of WS Form A-26.

b. DoD

Update the AFTO Form 95 to show TCTO compliance. Report TCTO compliance in accordance with TO 00-20-2, Table 3-10, Rule 9.

Complete ATTACHMENT 3 and return the information to the ROC by one of the four methods below:

(1) Mail Address:	Program Branch, Retrofit Management Team WSR-88D Radar Operations Center 3200 Marshall Ave., Suite 101 Norman, Oklahoma 73072-8028
(2) Fax Number:	(405) 366-6553 ATTN: Retrofit Management Team
(3) E-mail Address:	NEXRAD.Logistics@noaa.gov
(4) Web Version:	http://www.roc.noaa.gov/ssb/logistics/complete/

ATTACHMENT 1

FIRE EXTINGUISHER INSTALLATION INSTRUCTIONS

Tool Required

Screwdriver set, Phillips

1. Perform the following procedures to install the fire extinguisher in the TPMS shelter:

   a. Using figure 1, locate the position where the fire extinguisher will be mounted.

   b. Hold the mounting bracket to the wall where it will be installed.

   c. Using a screwdriver and the supplied screws, attach the bracket to the wall.

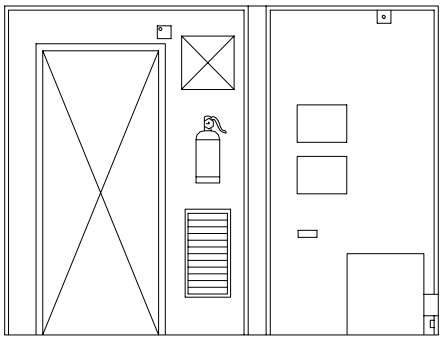
   d. Mount the fire extinguisher onto the bracket, with the gauge facing out.

2. Perform the following to inspect the fire extinguisher:

   The fire extinguisher should be inspected monthly, checking for any possible damage, corrosion, leakage or obstructions in the discharge outlet. The plastic seal wire should be unbroken. The fire extinguisher should be cleaned so that the instructions on the label are always clearly visible.

ATTACHMENT 1 (Continued)

FIRE EXTINGUISHER INSTALLATION INSTRUCTIONS



View A–A

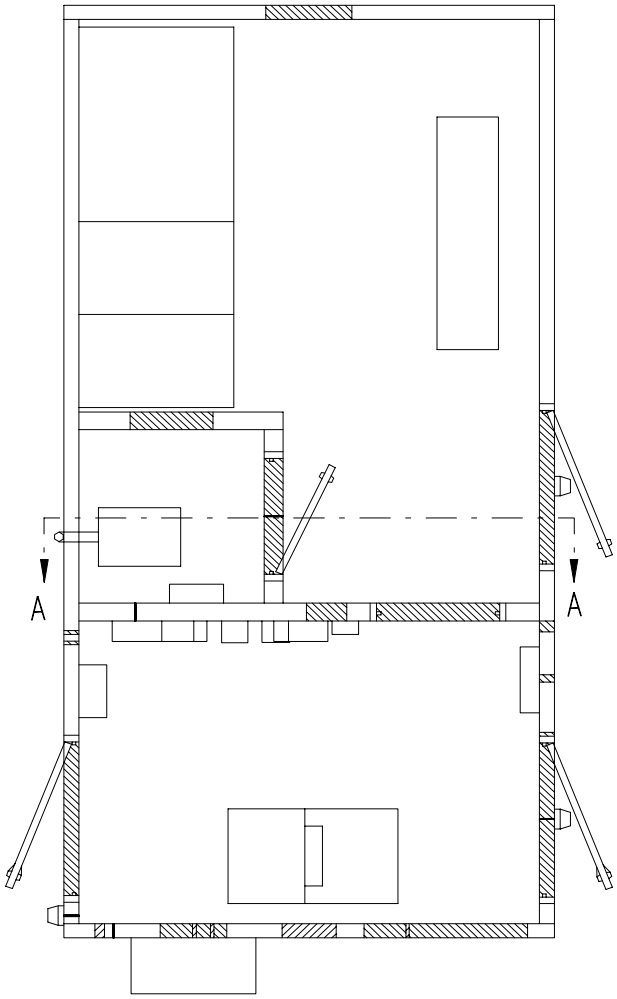


Figure 1. Fire Extinguisher Location

ATTACHMENT 2

EFFECTIVITY

NWS

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
	Eastern Region			
ALBANY	EAST BERNE, NY	RDA	ENX	WN9518
BINGHAMTON	BINGHAMTON, NY	RDA	BGM	WN9515
BOSTON	TAUNTON, MA	RDA	BOX	WN9509
BROOKHAVEN	UPTON, NY	RDA	OKX	WN9912
BUFFALO	BUFFALO, NY	RDA	BUF	WN9528
BURLINGTON	COLCHESTER, VT	RDA	CXX	WN9617
CARIBOU	HOULTON, ME	RDA	CBW	WN9712
CHARLESTON, SC	GRAYS, SC	RDA	CLX	WN9208
COLUMBIA	WEST COLUMBIA, SC	RDA	CAE	WN9310
PHILADELPHIA	FORT DIX, NJ	RDA	DIX	WN9950
PORTLAND, ME	GRAY, ME	RDA	GYX	WN9938
RALEIGH/DURHAM	CLAYTON, NC	RDA	RAX	WN9306
ROANOKE	ROANOKE, VA	RDA	FCX	WN9954
STATE COLLEGE	STATE COLLEGE, PA	RDA	CCX	WN9925

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
WILMINGTON	SHALLOTTE, NC	RDA	LTX	WN9301
	Southern Region			
ALBUQUERQUE	ALBUQUERQUE, NM	RDA	ABX	WP9365
ATLANTA	PEACHTREE CITY, GA	RDA	FFC	WP9219
BIRMINGHAM	ALABASTER, AL	RDA	BMX	WP9957
CORPUS CHRISTI	CORPUS CHRISTI, TX	RDA	CRP	WP9251
EL PASO	SANTA TERESA, NM	RDA	EPZ	WP9270
HOUSTON	DICKINSON, TX	RDA	HGX	WP9935
JACKSONVILLE	JACKSONVILLE, FL	RDA	JAX	WP9206
KEY WEST	BOCA CHICA KEY, FL	RDA	BYX	WP9201
LAKE CHARLES	LAKE CHARLES, LA	RDA	LCH	WP9240
LUBBOCK	LUBBOCK, TX	RDA	LBB	WP9933
MELBOURNE	MELBOURNE, FL	RDA	MLB	WP9204
MEMPHIS	MILLINGTON, TN	RDA	NQA	WP9334
MIAMI	MIAMI, FL	RDA	AMX	WP9918
MOBILE	MOBILE, AL	RDA	MOB	WP9223
NORMAN	MIDWEST CITY, OK	RDA	TLX	WP9921

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
TALLAHASSEE	TALLAHASSEE, FL	RDA	TLH	WP9214
TAMPA	RUSKIN, FL	RDA	TBW	WP9961
Central Region				
ABERDEEN	ABERDEEN, SD	RDA	ABR	WR9659
BISMARCK	BISMARCK, ND	RDA	BIS	WR9764
DENVER	FRONT RANGE AP, CO	RDA	FTG	WR9469
DODGE CITY	DODGE CITY, KS	RDA	DDC	WR9451
FARGO/GRAND FORKS	GRAND FORKS, ND	RDA	MVX	WR9750
GOODLAND	GOODLAND, KS	RDA	GLD	WR9465
GRAND ISLAND	BLUE HILL, NE	RDA	UEX	WR9552
INDIANAPOLIS	INDIANAPOLIS, IN	RDA	IND	WR9438
LOUISVILLE	FORT KNOX, KY	RDA	LVX	WR9423
MINNEAPOLIS	CHANHASSEN, MN	RDA	MPX	WR9658
NORTH PLATTE	NORTH PLATTE, NE	RDA	LNX	WR9562
OMAHA	VALLEY, NE	RDA	OAX	WR9553
PUEBLO	PUEBLO, CO	RDA	PUX	WR9464
RAPID CITY	NEW UNDERWOOD, SD	RDA	UDX	WR9662

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
SIOUX FALLS	SIOUX FALLS, SD	RDA	FSD	WR9651
	Western Region			
BILLINGS	BILLINGS, MT	RDA	BLX	WT9677
BOISE	BOISE, ID	RDA	CBX	WT9681
EUREKA (BUNKER HILL)	EUREKA, CA	RDA	BHX	WT9594
GLASGOW	GLASGOW, MT	RDA	GGW	WT9768
GREAT FALLS	GREAT FALLS, MT	RDA	TFX	WT9950
LAS VEGAS	LAS VEGAS, NV	RDA	ESX	WT9386
LOS ANGELES	LOS ANGELES, CA	RDA	VTX	WT9295
MEDFORD	MEDFORD, OR	RDA	MAX	WT9597
PENDLETON	PENDLETON, OR	RDA	PDT	WT9688
PHOENIX	PHOENIX, AZ	RDA	IWA	WT9278
POCATELLO	SPRINGFIELD, ID	RDA	SFX	WT9578
PORTLAND, OR	PORTLAND, OR	RDA	RTX	WT9698
SACRAMENTO	DAVIS, CA	RDA	DAX	WT9914
SAN DIEGO	SAN DIEGO, CA	RDA	NKX	WT9918
SAN FRANCISCO	LOS GATOS, CA	RDA	MUX	WT9933

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
SAN JOAQUIN VALY	HANFORD, CA	RDA	HNX	WT9389
SANTA ANA MTS	SANTA ANA MOUNTAINS, CA	RDA	SOX	WT9918
SEATTLE	EVERETT, WA	RDA	ATX	WT9922
SPOKANE	SPOKANE, WA	RDA	OTX	WT9785
TUCSON	TUCSON, AZ	RDA	EMX	WT9274

DoD

ANDERSEN AFB	ANDERSEN AFB, GU	RDA	UAM	FE5240
BEALE AFB	OROVILLE, CA	RDA	BBX	FE4686
CAMP HUMPHREYS	CAMP HUMPHREYS, KO	RDA	PTK	FI5294
DOVER AFB	ELLENDALE STATE FOREST, DE	RDA	DOX	FE4497
DYESS AFB	MORAN, TX	RDA	DYX	FE4661
EDWARDS AFB	BORON, CA	RDA	EYX	FE2805
EGLIN AFB	RED BAY, FL	RDA	EVX	FE2823
FT CAMPBELL	TRENTON, KY	RDA	HPX	FY4812
FT DRUM	MONTAGUE, NY	RDA	TYX	FY4846
FT HOOD	GRANGER, TX	RDA	GRK	FY4824

ATTACHMENT 2 (Continued)

EFFECTIVITY

NEXRAD Site Name	City, ST	EQP	SID	ORG Code
FT RUCKER	ECHO, AL	RDA	EOX	FY4805
HOLLOMAN AFB	RUIDOSO, NM	RDA	HDX	FE4801
KADENA AB	KADENA AB, JA	RDA	KAD	FH5270
KUNSAN AB	KUNSAN AB, KO	RDA	KUZ	FH5284
LAUGHLIN AFB	BRACKETVILLE, TX	RDA	DFX	FE3099
MAXWELL AFB	CARRVILLE, AL	RDA	MXX	FE3300
ROBINS AFB	JEFFERSONVILLE, GA	RDA	JGX	FE2067
VANCE AFB	CHEROKEE, OK	RDA	VNX	FE3029
VANDENBERG AFB	ORCUTT, CA	RDA	VBX	FE4610

ATTACHMENT 3

FIRE EXTINGUISHER INSTALLATION RETURN FORM

********** DoD Only will complete and return this form **********
NWS report completion through EMRS

Site Name: _____

Site Identifier: _____

Total Time to Complete this Modification Document: _____

Technician's Name(s): _____

Technician's Phone Number: _____

Date Completed: _____

Problem(s) Encountered:

_____

_____

_____

_____

Upon completion of this form, return the information to the ROC using one of the four methods below:

1. Mailing Address: Program Branch, Retrofit Management Team
   WSR-88D Radar Operations Center
   3200 Marshall Ave., Suite 101
   Norman, OK 73072-8028

2. FAX Number: (405) 366-6553
   ATTN: Retrofit Management Team

3. E-mail Address: NEXRAD.Logistics@noaa.gov

4. Web Version: http://www.roc.noaa.gov/ssb/logistics/complete/

ATTACHMENT 4

ENGINEERING MANAGEMENT REPORTING SYSTEM
MAINTENANCE RECORD

Document Number
G 51301

General Information	1. Open Date	Time	2. Initials	3. Response Priority (check one)	4. Close Date	Time
	08 / 06 / 02	0900	DKR	○ Immediate ○ Low ○ Routine ☒ Not Applicable	08 / 06 / 02	1000

5. Description
INSTALL FIRE EXTINGUISHER IN TPMS SHELTER IAW MOD NOTE 66

Equipment Information	6. Station ID	7. Equipment Code	8. Serial Number	9. TM	10. AT	11. How Mal.
	BGM	TPS	000A	M	M	999

12. *EQUIPMENT OPERATIONAL STATUS TIMES*	a. **Fully Operational**	b. Logistics Delay	**Partly Operational**	c. All Other	d. Logistics Delay	**Not Operational**	e. All Other
	1:00						

13. *Parts Failure Information*

Block #	a. ASN	b. NSN	c. TM	d. AT	e. How Mal.	f. Qty.	g. Maint. Hrs.
1							
2							
3							
4							
5							

14. *Work Load Information*

Type	Staff Hrs.
a. Routine	
b. Non-routine	
c. Travel	
d. Misc.	1:00
e. Overtime	

Miscellaneous Information	15. Maintenance Comments	16. Initials
	FIRE EXTINGUISHER INSTALLED	DKR

17. *SPECIAL PURPOSE REPORTING*	a. Mod. No.	b. Mod./Act./Deact.Date	c.	d.	e.
	66	08/06/02			

18. *CONFIGURATION MGMT. REPORTING* *(use as directed)*	ASN	Vendor Part Number (New Part)	Serial Number (Old Part)	Serial Number (New Part)

Sample