

TECHNICAL MANUAL

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL
TOOLS LISTS**

FOR

RADIO TELETYPEWRITER SETS

AN/GRC-122 (NSN 5815-00401-9719)

AN/GRC-122A (NSN 5815-00401-9719)

AN/GRC-122B (NSN 5815-00-937-5295)

AN/GRC-142 (NSN 5815-00-401-9720)

AN/GRC-142A (NSN 5815-00-401-9720)

AND

AN/GRC-142B (NSN 5815-00-443-5511)

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pages from Change 1

Change }
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**Organizational Maintenance Repair Parts
and Special Tools Lists
for
RADIO TELETYPEWRITER SETS
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AN/GRC-122C (NSN 5815-01-095-1211)
AN/GRC-142 (NSN 5815-00-401-9720)
AN/GRC-142A (NSN 5815-00-401-9720)
AN/GRC-142B (NSN 5815-00-443-5511)
AND
AN/GRC-142C (NSN 5815-01-100-6815)**

TM 11-5815-334-20P, 9 January 1978, is changed as follows:

- 1. Title of the manual is changed as shown above.
- 2. New or changed material is indicated by a vertical bar.
- 3. Added or revised illustrations are indicated by a vertical bar before figure number and title.
- 4. Remove and insert pages as indicated below.

<i>Remove</i>	<i>Insert</i>
i and ii	i and ii
I through 3	I through 3/(4blank)
None	6.1 (blank)/6.2
None	6.3/(6.4.)
77	77/(78 blank)

- 5. File this change sheet in front of the publication for reference purposes.

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**ORGANIZATIONAL MAINTENANCE REPAIR PARTS
 AND SPECIAL TOOLS LISTS
 FOR**

- RADIO TELETYPEWRITER SETS**
 AN/GRC-122 (NSN 5815-00-401-9719)
 AN/GRC-122A (NSN 5815-00-401-9719)
 AN/GRC-122B (NSN 5815-00-937-5295)
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 AN/GRC-142 (NSN 5815-00-401-9720)
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 AN/GRC-142B (NSN 5815-00-443-5511)
AND
 AN/GRC-142C (NSN 5815-01-100-6815)

Current as of 19 September 1977,

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. In either case, a reply will be furnished direct to you.

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*This manual supersedes so much of TM 11-5815-334-12, 22 May 1970, including Change 1, 22 May 1972, and Change 2, 22 March 1974, as pertains to repair parts and special tools list.

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SECTION I INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational maintenance of the AN/GRC-122, AN/GRC-122A, AN/GRC-122B, AN/GRC-122C, AN/GRC-142, AN/GRC-142A, AN/GRC-142B and AN/GRC-142C. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

b. Section III. Special Tools List. Not applicable.

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code

Definition

PA—Item procured and stocked for anticipated or known usage.

PD—Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.

AD—Item to be assembled at depot maintenance level.

Code

Definition

XD—A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code

Application/Explanation

O—Support item is removed, replaced, used at the organizational level.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e.; all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code

Application/Explanation

O—The lowest maintenance level capable of complete repair of the support item is the organization level.

F—The lowest maintenance level capable of complete repair of the support item is the direct support level.

H—The lowest maintenance level capable of complete repair of the support item is the general support level.

D—The lowest maintenance level capable of complete repair of the support item is the depot level.

Z—Nonreparable. No repair is authorized.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability codes

Definition

Z—Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.

F—Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.

Recoverability
codes

Definition

- H —Reparable item. When uneconomically repairable, condemn and dispose at the general support level.
- D —Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
- L —Reparable item. Repair, condemnation, and disposal not authorized below depot/socialized repair activity level.

c. *National Stock Number.* Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. *Part Number.* Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. *Federal Supply Code for Manufacturer (FSCM).*

The FSCM is a 5-digit numeric code listed in SB 708-41/-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. *Description.* Indicates the Federal item name and, if required, a minimum description to identify the item.

g. *Unit of Measure (U/M).* Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g.; ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned,

h. *Quantity Incorporated in Unit.* Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

4. Special Information

a. Usable on code reference to the Plain, A, and B models of the AN/GRC-142(*) are applicable to the respective models of the AN/GRC-122(*). All references to "duplex operation" refer to the AN/GRC-122(*). Identification of the usable on codes used in this publication are:

<i>Code</i>	<i>Used on</i>
3G5	AN/GRC-142
AJY	AN/GRC-142A
3G7	AN/GRC-142B
EHH AND 3G5	AN/GRC-142C

b. Detailed assembly instructions for items source coded to be assembled are found in TM 11-5815-334-12. Assembly components are listed immediately following

the item to be assembled.

c. The following publications pertain to the AN/GRC-122, AN/GRC-122A, AN/GRC-122B, AN/GRC-122C, AN/GRC-142, AN/GRC-142A, AN/GRC-142B and AN/GRC-142C and its components

TM 5-4520-236-14, Heater, Space, Portable: Air Circulating Type: Gasoline; 15,000 BTU/hr; Electric Motor Driven Blower (Hunter Manufacturing Company Model UH48B Type, III)

TM 5-4520-236-24P, Heater, Space, Portable: Air Circulating Type: Gasoline, 15,000 BTU/hr; Electric Motor Driven Blower (Hunter Manufacturing Company Model UH48B, Type III)

TM 11-5038, Control Group AN/GRA-6

TM 11-5410-212-15P, Shelter, Electrical Equipment 5-318/G

TM 11-5805-201-12, Telephone Set TA-312/PT

TM 11-5805-201-20P, Telephone Set TA-312/PT

TM 11-5805-387-15-1, Modem, Radio Teletypewriter MD-522/GRC

TM 11-5805-387-15-2, Radio Teletypewriter Modem MD-522A/GRC

TM 11-5805-387-20P-2, Modem, Radio Teletypewriter MD-522/GRC

TM 11-5805-387-20P-2, Modem, Radio Teletypewriter MD-522A/GRC

TM 11-5805-387-24P-1, Modem, Radio Teletypewriter MD-522/GRC

TM 11-5815-200-12, Teletypewriter Sets AN/FGC-20, AN/FGC-20X, AN/FGC-21, AN/FGC-64, AN/FGC-66, AN/FGC-67, AN/FGC-67X, AN/UGC-4, AN/UGC-29, AN/UGC-29X, and Teleprinter TT-259/FG

TM 11-5815-238-12, Teletypewriter Sets AN/GGC-3 and AN/GGC-3A and Teletypewriter Reperator-Transmitters TT-76/GGC, TT-76A/GGC, TT-76B/GGC, and TT-76C/GGC

TM 11-5815-238-20P, Teletypewriter Sets AN/GGC-3 and AN/GGC-3A and Teletypewriter Reperator-Transmitters TT-76/GGC, TT-76A/GGC, TT-76B/GGC, and TT-76C/GGC

TM 11-5815-334-12, Radio Teletypewriter Sets AN/GRC-142, AN/GRC-142A, AN/GRC-142B, AN/GRC-122, AN/GRC-122A, and AN/GRC-122B

TM 11-5815-338-15, Device, Low Level Signaling TT-523/GGC and TT-523A/GGC

TM 11-5815-602-12, Terminal, Communications AN/UGC-74A(V)3

TM 11-5815-602-20P, Terminal, Communications AN/UGC-74A(V)3

TM 11-5820-467-15, Antenna Group AN/GRA-50

TM 11-5820-467-25P, Antenna Group AN/GRA-50

TM 11-5820-489-20P, Control Group AN/GRA-6

TM 11-5820-520-12, Radio Sets AN/GRC-106 and AN/GRC-106A

TM 11-5820-520-20P-1, Radio Set AN/GRC-106

- TM 11-5820-520-20P-2, Radio Set AN/GRC-106A
- TM 11-5820-765-12, Power Supplies PP-4763/GRC and PP-4763/GRC
- TM 11-5965-222-14P, Dynamic Loudspeaker LS-166/U
- TM 11-6125-252-15, Motor-Generator PU-724/G
- TM 11-6125-252-24P, Motor-Generator PU-724/G
- TM 11-6625-333-15, Standing-Wave-Ratio Power Meter ME-165/G

TM 11-6625-333-24P, Standing-Wave-Ratio Power Meter ME-165/G

d. The illustrations in this manual are identical to those published in TM 11-5815-334-34P. Only those parts assigned the third position SMR maintenance code "C" and "O" are listed in the tabular listing; therefore, there may be a break in the item number sequence. Only illustrations containing organizational authorized items appear in this manual.

e. National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-MM, Fort Monmouth, NJ 07703 for the part required to support your equipment.

f. Action change codes indicated in the left-hand margin of the listing page denote the following:

N—Indicates an added item.

C—Indicates a change in data.

R—Indicates a change in NSN only.

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National stock number or part number is known.

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations

Not applicable.

(Next printed page is 4.1.)

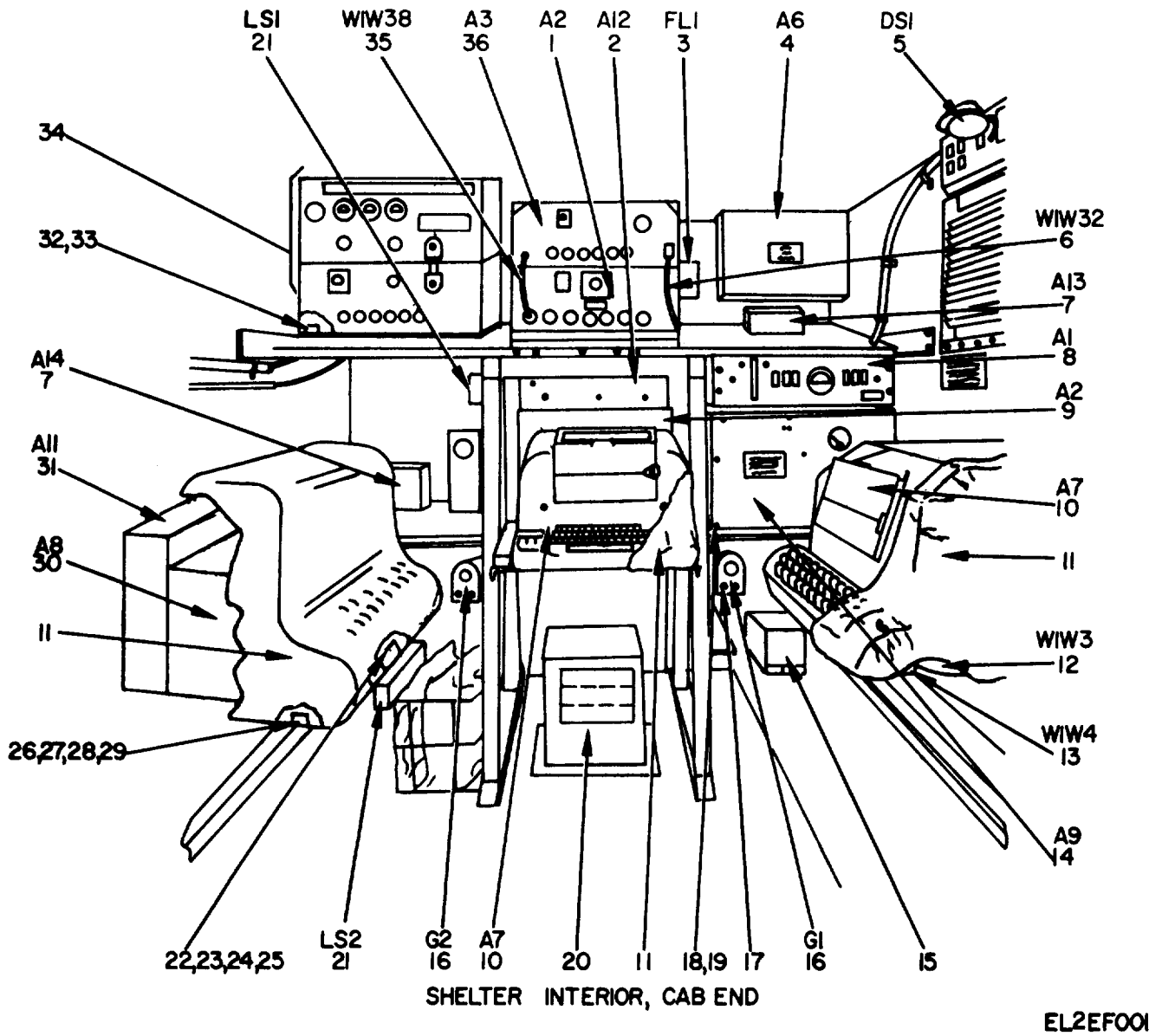
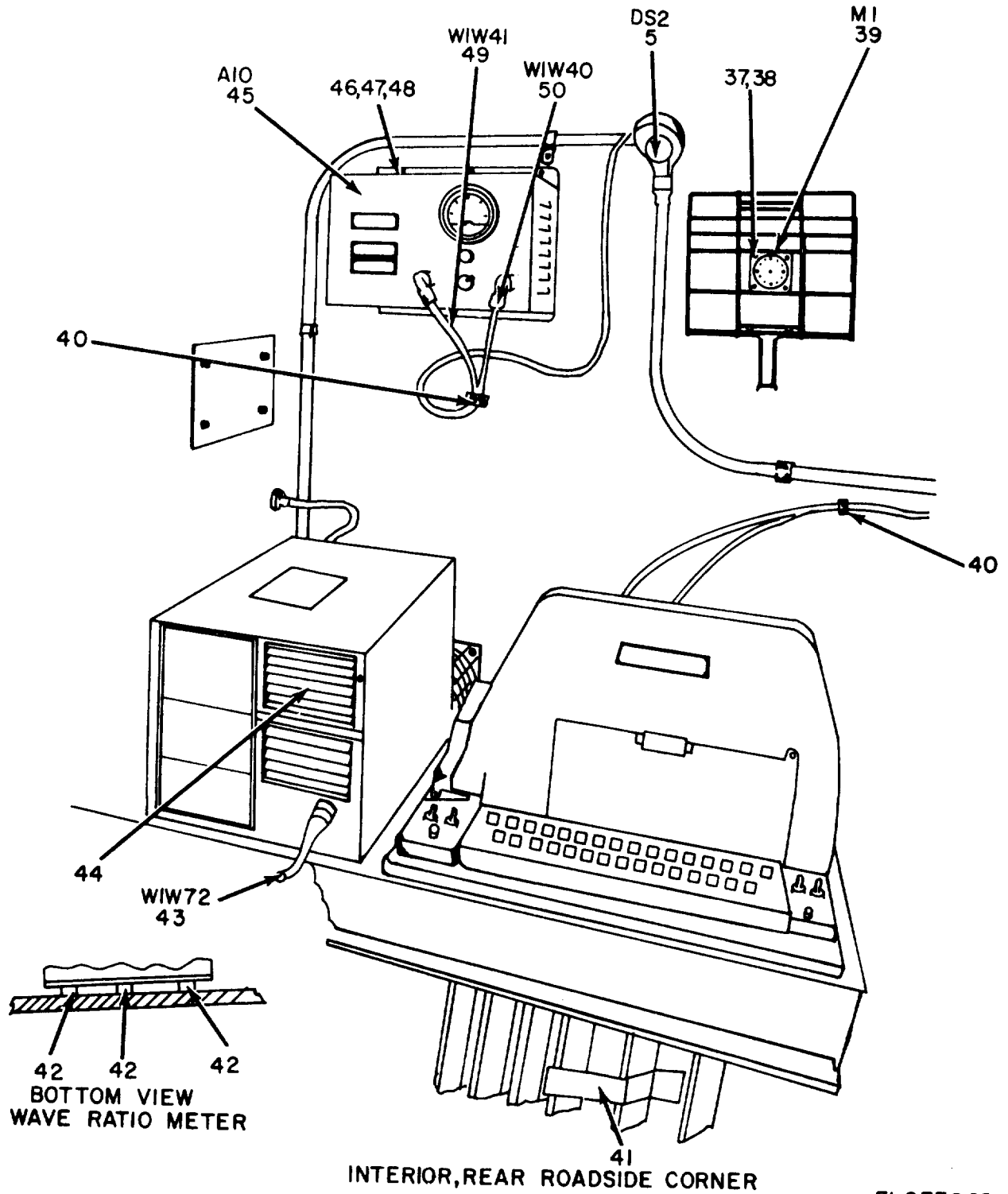


Figure 1. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Models A and B Major Component Locations(Sheet 1 of 2).



EL2EF002

Figure 1. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Models A and B Major Component Locations (Sheet 2 of 2).

(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
ILLUSTRATION								QTY
(a)	(b)	NATIONAL			DESCRIPTION			INC
FIG	ITEM	STOCK	PART					IN
NO.	NO.	NUMBER	NUMBER	FSCM		USABLE ON CODE	U/M	UNIT
GROUP 00 RADIO TELETYPEWRITER SETS								
AN/GRC-122(*) AND AN/GRC-142(*)								
1	1	PDODD 5815-00-999-5277	MD522GRC	80058	MODEM RADIO OR	AJV, 3G7	EA	1
1	1	PDODD 5815-00-919-4800	MD522AGRC	80058	MODEM RADIO	AJV, 3G7	EA	1
1	2	PDODD 5815-00-220-5255	SCDL613210	80063	SWITCH ASSEMBLY SA-1650/GRC	AJV, 3G7	EA	1
1	3	PAOZZ	SMC613238	80063	FILTER, AIR	AJV, 3G7	EA	1
1	4	PDODD	SCDL613212	80063	POWER SIGNAL ENTRANCE BOX	AJV, 3G7	EA	1
1	5	PAOZZ 6240-00-155-8651	MS15586-7	96906	LAMP, INCANDESCENT SPARE BULB IN STORAGE BOX	AJV, 3G7	EA	3
1	6	XDOHH	SMC603132-2	80063	CABLE ASSEMBLY S/P ELECTRICAL	AJV, 3G7	EA	1
1	7	PAOFD 5815-00-926-7377	SCDL603317	80063	INTERCONNECT BOX J-2728/GRC-142	AJV, 3G7	EA	2
1	8	PAODD 6110-00-228-8570	SB3358GRC	80058	PANEL POWER DISTR	AJV, 3G7	EA	1
1	9	POODD	SCDL613235	80063	POWER TERMINAL ASSEMBLY	AJV, 3G7	EA	1
1	10	PDODD 5815-01-017-9172	TT722FG	80058	TELETYPEWRITER SET QTY 2 FOR DUPLEX OPERATION ONLY OR	AJV 3G7	EA	1
1	10	PDODD 5815-01-017-9172	TT722AFG	80058	TELETYPEWRITER SET QTY 2 FOR DUPLEX OPERATION ONLY OR	AJV 3G7	EA	1
1	10	PDODD 5815-00-503-2764	TT98BFG	80058	TELETYPEWRITER SET QTY 2 FOR DUPLEX OPERATION ONLY	AJV, 3G7	EA	1
1	11	PAOZZ 5815-00-930-6576	SCD446049	80063	DUST COVER ASSEMBLY QTY 3 FOR DUPLEX OPERATION ONLY	AJV 3G7	EA	2
1	12	XDOHH	SMC603103	80063	CABLE ASSEMBLY S/P ELECTRICAL	AJV, 3G7	EA	1
1	13	XDOZZ	SMC603104	80063	CABLE ASSEMBLY S/P ELECTRICAL	AJV, 3G7	EA	1
1	14	PDODD 5820-00-937-7690	PP4763GRC	80058	POWER SUPPLY	AJV, 3G7	EA	1
1	15	PDODD 5805-00-543-0012	TA312PT	80058	TELEPHONE SPARE PHONE IN STORAGE BOX	AJV, 3G7	EA	1
1	16	PDODL 6125-00-617-1435	PU724G	80058	GENERATOR, MOTOR QTY 2 FOR DUPLEX OPERATION ONLY	AJV, 3G7	EA	1
1	17	PAOZZ 5305-00-021-3620	MS35307-307	96906	SCREW, MACHINE	AJV, 3G7	EA	4
1	18	PAOZZ 5305-00-702-4523	MS35307-306	96906	SCREW, MACHINE	AJV, 3G7	EA	12
1	19	XDOZZ	SMB613099	80063	NUT BAR	AJV, 3G7	EA	2
1	20	PDODD 4520-00-177-6198	MILH52641	81349	HEATER ASSEMBLY USED IN S-250/G SHELTER ONLY	3G7	EA	1
1	21	PDODD 5965-00-243-6420	LS166U	80058	LOUDSPEAKER QTY 2 FOR DUPLEX OPERATION ONLY	AJV, 3G7	EA	1
1	22	PAOZZ 5305-00-702-4523	MS35307-306	96906	SCREW, MACHINE	AJV, 3G7	EA	12
1	23	PAOZZ 5310-00-582-5677	MS15795-810	96906	WASHER, FLAT	AJV, 3G7	EA	44
1	24	PAOZZ 5310-00-727-5223	MS16228-1	96906	NUT, SELF-LOCKING	AJV, 3G7	EA	20
1	25	PAOZZ 5310-00-933-8121	MS35338-139	96906	WASHER, LOCK	AJV, 3G7	EA	36
1	26	PAOZZ 5305-00-616-6370	MS35307-313	96906	SCREW, MACHINE	AJV, 3G7	EA	8
1	27	PAOZZ 5310-00-727-5223	MS16228-1	96906	NUT, SELFLOCKING	AJV, 3G7	EA	8
1	28	PAOZZ 5310-00-933-8121	MS35338-139	96906	WASHER, LOCK	AJV, 3G7	EA	20
1	29	PAOZZ 5310-00-582-5677	MS15795-810	96906	WASHER, FLAT	AJV, 3G7	EA	44
1	30	PDODD 5815-00-553-6061	TT76GRC	80058	REPERFORATOR TRANSMITTER TELETYPEWRITER	AJV, 3G7	EA	1
1	31	PDODD 5815-00-999-3048	TT523PARENGRC	80058	LOW LEVEL SIGNALLING DEVICE	AJV, 3G7	EA	1
1	32	PAOZZ 5305-00-814-7395	MS35308-314	96906	SCREW, MACHINE	AJV, 3G7	EA	8
1	33	PAOZZ 5310-00-889-2528	MS45904-68	96906	WASHER, LOCK	AJV, 3G7	EA	8

(1) ILLUSTRATION (a) FIG NO.	(2) (b) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(5) PART NUMBER	(6) FSCM	(7) DESCRIPTION	(8) USABLE ON CODE	(9) U\M	(10) QTY INC IN UNIT
1	34	PDODD	5820-00-223-7548	ANGRC106A	80058	RADIO SET	AJY,3G7	EA	1
1	35	XDOHH		SMC603138	80063	CABLE ASSEMBLY,RF	AJY,3G7	EA	1
1	36	PDODD	5820-00-935-0033	SCDL502715	80063	RECEIVER-TRANSMITTER RT662/GRC USED WITH DUPLEX OPERATION ONLY OR	AJY,3G7	EA	1
1	36	PDODD	5820-00-935-0033	RT834GRC	80058	RECEIVER-TRANSMITTER RT834/GRC USED WITH DUPLEX OPERATION ONLY	AJY,3G7	EA	1
1	37	PAOZZ	5310-00-722-5998	MS15795-805	96906	WASHER,FLAT	AJY,3G7	EA	2
1	38	PAOZZ	5310-00-925-9646	MS21083C06	96906	NUT,SELFLOCKING	AJY,3G7	EA	2
1	39	PAOZZ	6645-00-950-8599	A13A1	81349	CLOCK	AJY,3G7	EA	1
1	40	PAOZZ	5975-00-497-2158	MS17821-1-9	96906	CLAMP,CABLE STRAP	AJY,3G7	EA	2
1	41	PAOZZ		SCD781188GRI	80063	TIEDOWN ASSEMBLY	3G7	EA	1
1	42	XDOZZ		SMB603572	80063	SPACER	AJY,3G7	EA	3
1	43	PAOHH	5995-00-177-4678	SCDL613365-1FT	80063	CABLE ASSEMBLY USED WITH HUNTER HEATER ONLY	AJY,3G7	EA	1
1	44	PDODD	4520-00-878-9393	MH15B3C1	46522	HEATER OR	AJY,3G7	EA	1
1	44	PDODD	4520-00-649-7571	SMD539485	80063	HEATER OR	AJY,3G7	EA	1
1	44	PDODD	4520-00-935-9355	MILH52204	81349	HEATER	AJY,3G7	EA	1
1	45	PDODD	6625-00-682-4464	ME165PARENGRC	80058	STANDING WAVE RATIO POWER METER	AJY,3G7	EA	1
1	46	PAOZZ	5305-00-059-3662	MS51958-66	96906	SCREW,MACHINE	AJY,3G7	EA	6
1	47	PAOZZ	5310-00-619-1148	MS15795-808	96906	WASHER,FLAT	AJY,3G7	EA	10
1	48	PAOZZ	5310-00-933-8120	MS35338-138	96906	WASHER,LOCK	AJY,3G7	EA	6
1	49	XDOHH		SMC603141-2	80063	CABLE ASSEMBLY,RF	AJY,3G7	EA	1
1	50	PAOHH	5995-00-494-8260	SMC613284	80063	CABLE ASSEMBLY,RF	AJY,3G7	EA	1

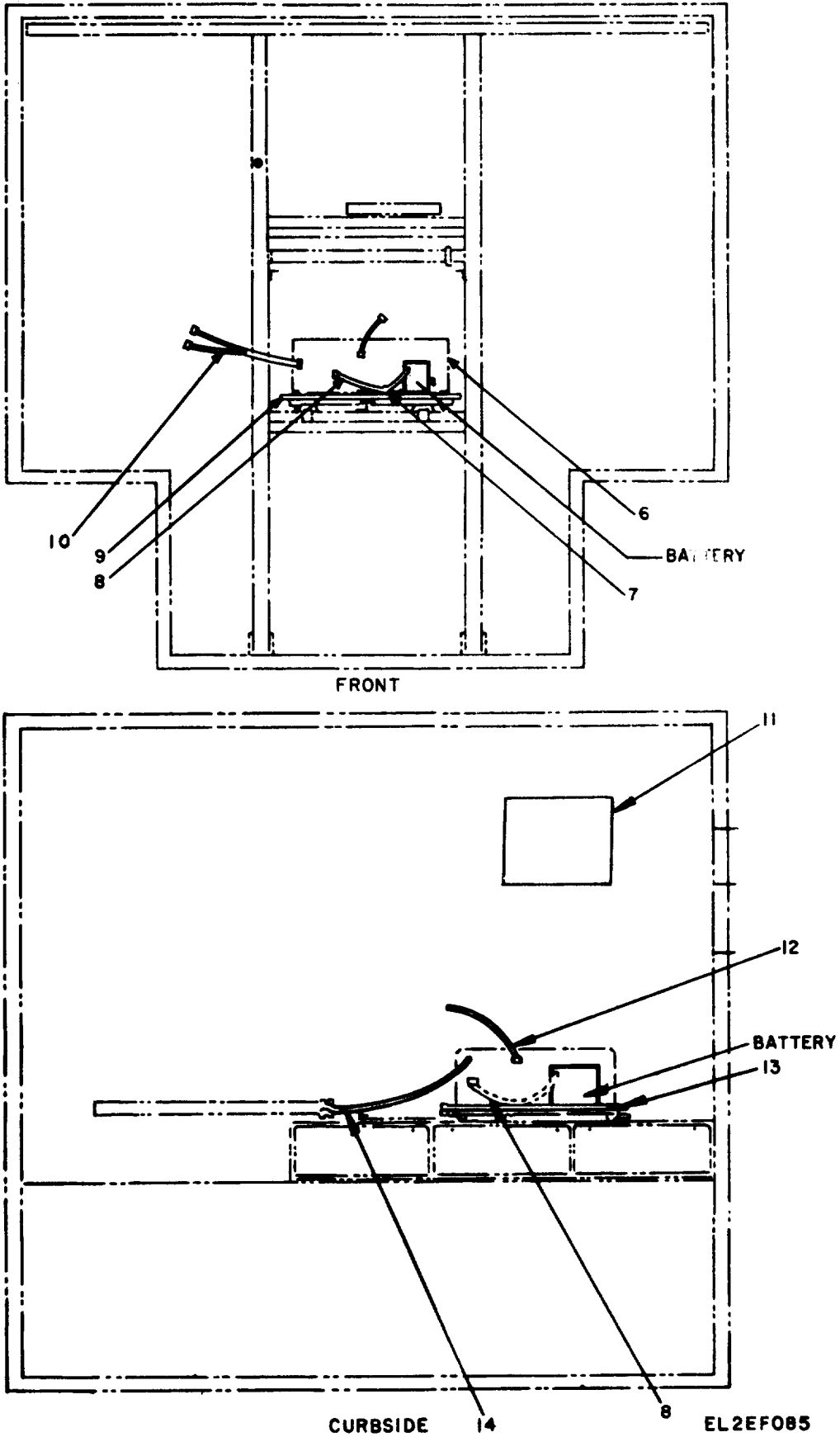


Figure 8A. Radio Teletypewriter Sets AN/GRC-122C and AN/GRC-142C. Cable Locations.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION							QTY	
(a)	(b)	NATIONAL			DESCRIPTION		INC	
FIG	ITEM	STOCK	PART				IN	
NO.	NO.	SMR	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	
		CODE	NUMBER				UNIT	
GROUP OO RADIO TELETYPEWRITER SETS AN/GRC-122C								
AND AN/GRC-142C								
N	8A	6	PDODD	AN/UGC-74A(V)3	80058	TERMINAL, COMMUNICATIONS	EHH	EA 1
N	8A	8	ADOFF	SC-D-960025-002	80063	CABLE ASSEMBLY, SPECIAL PURPOSE	EHH	EA 2
N	8A	10	ADOFF	SC-D-960624-005	80063	CABLE ASSEMBLY, SIGNAL FRONT	EHH	EA 1
N	8A	12	ADOFF	SC-D-960027-003	80063	CABLE AC POWER ASSEMBLY	EHH	EA 1
N	8A	14	ADOFF	SC-D-960625-009	80063	CABLE SIGNAL CURBSIDE	EHH	EA 1

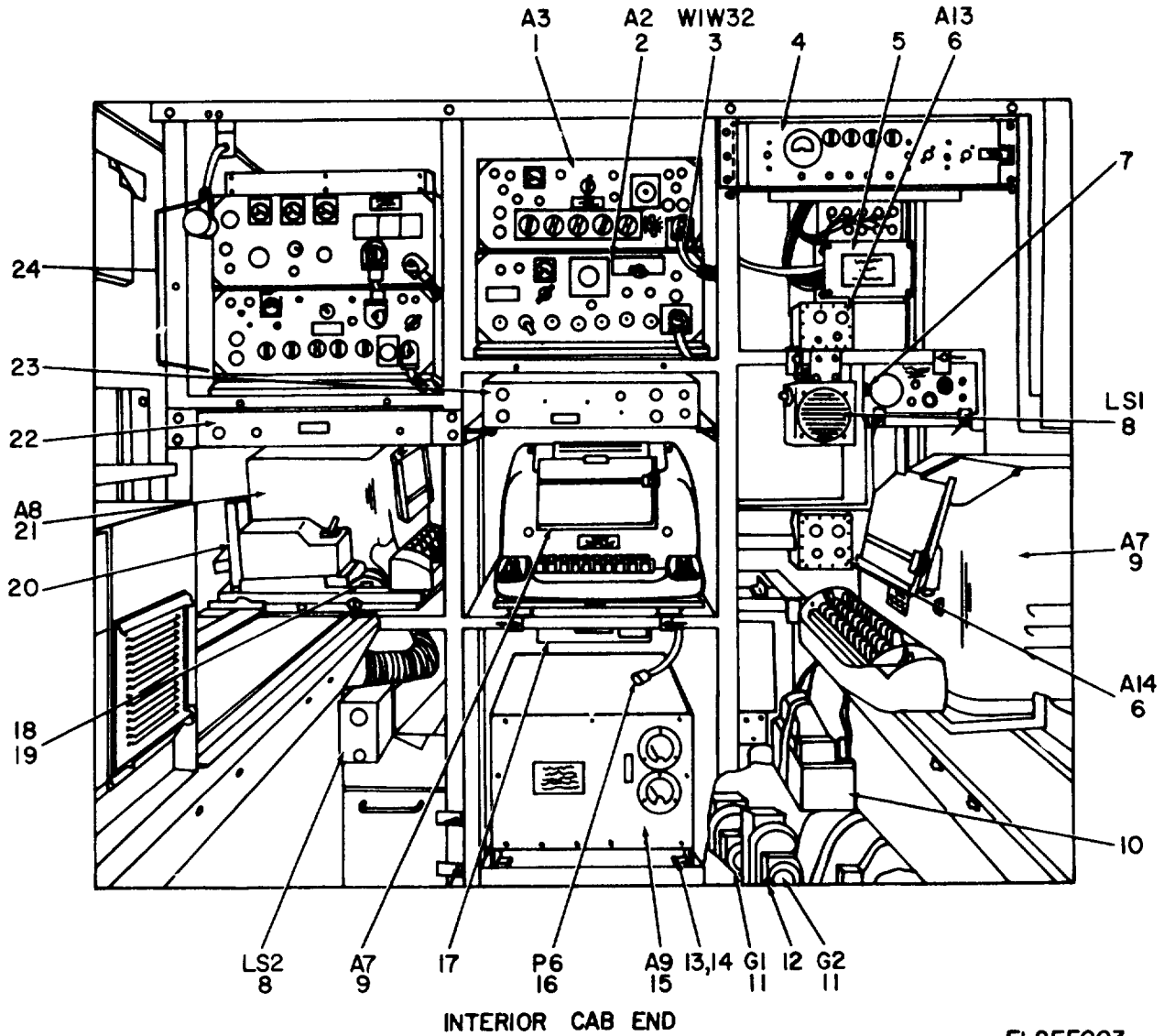
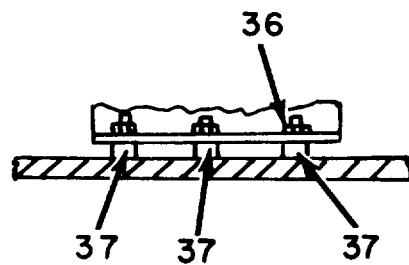
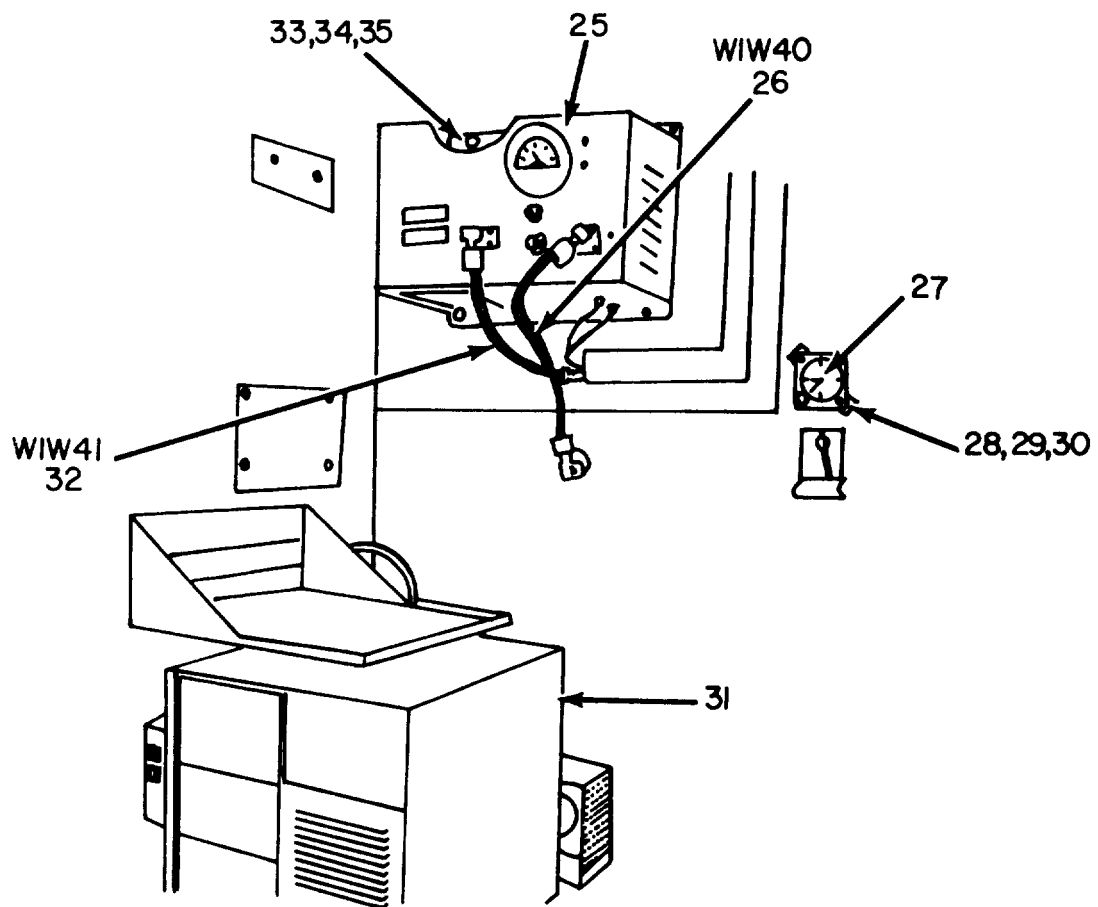


Figure 2. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Plain Model Major Component Locations (Sheet 1 of 2).



BOTTOM VIEW WAVE
RATIO METER

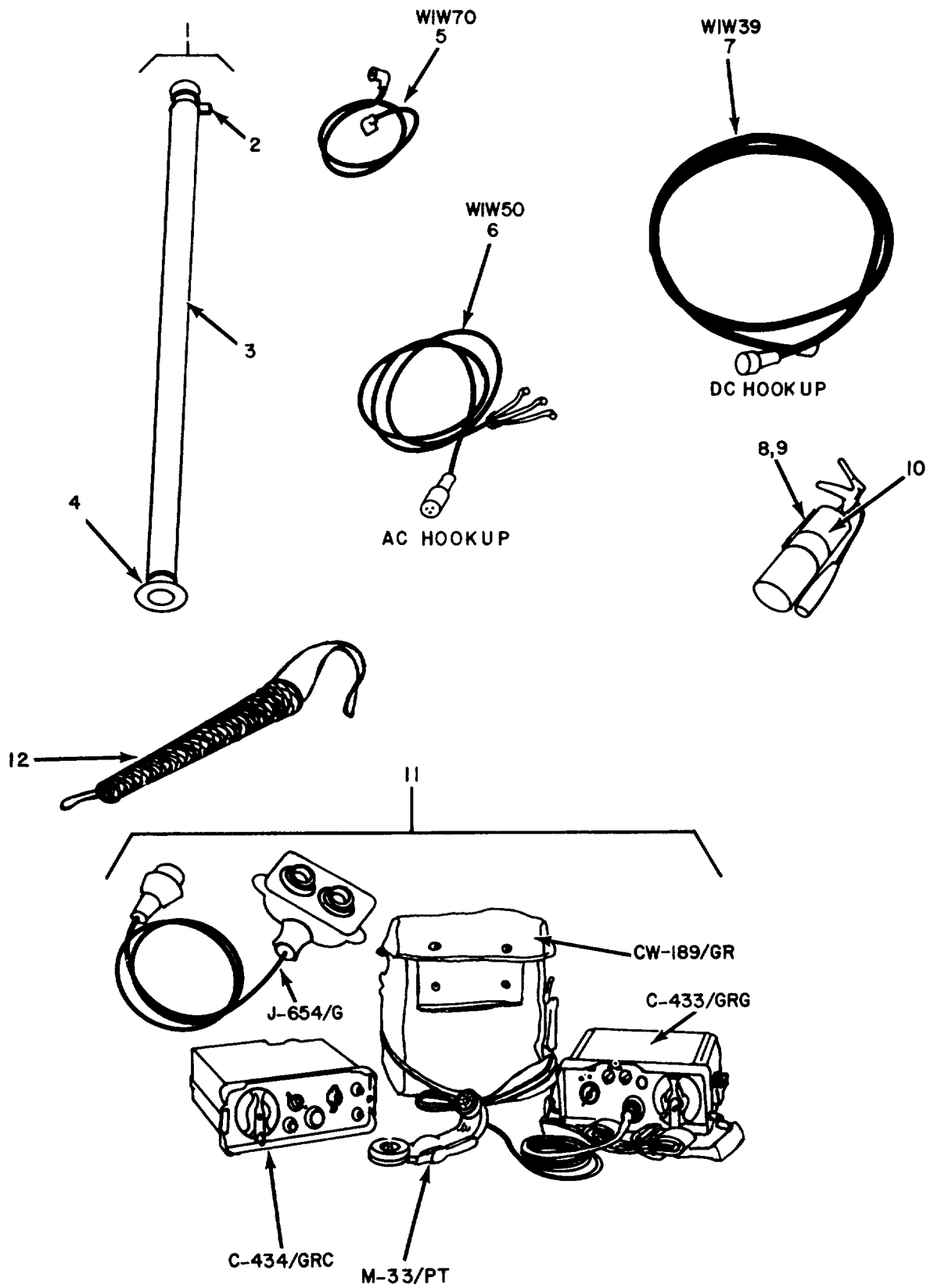
INTERIOR, REAR ROAD SIDE CORNER

EL2FE004

Figure 2. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Plain Model
Major Component Locations (Sheet 2 of 2).

(1) ILLUSTRATION (a) (b) FIG ITEM NO. NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) USABLE ON CODE	(8) QTY INC IN UNIT
2 1	PDODD	5820-00-935-003:RT834GRC		80058	RECEIVER-TRANSMITTER USED WITH DUPLEX OPERATION ONLY OR	3G5	EA 1
2 1	PDODD	5820-00-078-476:RT662GRC		80058	RECEIVER-TRANSMITTER USED WITH DUPLEX OPERATION ONLY	3G5	EA 1
2 2	PDODD	5815-00-999-527:MD522GRC		80058	MODEM RADIO OR	3G5	EA 1
2 2	PDODD	5815-00-919-480:MD522AGRC		80058	MODEM RADIO	3G5	EA 1
2 3	PAOHH	5995-00-937-863:1CX10526G3FT		80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA 1
2 4	PDODD	6110-00-937-643:SB301BGRC142		80058	POWER DISTR PANEL	3G5	EA 1
2 5	PDODD		SMD602952	80063	ENTRANCE BOX ASSEMBLY	3G5	EA 1
2 6	PAODD	5815-00-926-737:J2728GRC142		80058	INTERCONNECT BOX	3G5	EA 2
2 7	PAOZZ	5305-00-207-825:MS35307-308		96906	SCREW, CAP	3G5	EA 1
2 8	PDODD	5965-00-243-642:LS166U		80058	LOUDSPEAKER QTY 2 FOR DUPLEX OPERATION ONLY	3G5	EA 1
2 9	PDODD	5815-00-503-276:TT98BFG		80058	TELETYPEWRITER SET QTY 2 FOR DUPLEX OPERATION ONLY OR	3G5	EA 1
2 9	PDODD	5815-01-017-917:TT-722/TG		80058	TELETYPEWRITER SET QTY 2 FOR DUPLEX OPERATION ONLY OR	3G5	EA 1
2 9	PDODD	5815-00-017-917:TT722ATG		80058	TELETYPEWRITER SET QTY 2 FOR DUPLEX OPERATION ONLY	3G5	EA 1
2 10	PDODD	5805-00-543-001:TA312PT		80058	TELEPHONE SPARE PHONE IN STORAGE BOX	3G5	EA 2
2 11	PDOOL	6125-00-617-143:PU724G		80058	INVERTER, MOTOR GEN QTY 2 FOR DUPLEX OPERATION ONLY	3G5	EA 1
2 12	PAOZZ	5305-00-207-825:MS35307-308		96906	SCREW, CAP	3G5	EA 4
2 13	PAOZZ	5305-00-021-362:MS35307-307		96906	SCREW, MACHINE	3G5	EA 8
2 14	PAOZZ	5310-00-619-114:MS15795-808		96906	WASHER, FLAT	3G5	EA 8
2 15	PDODD	5820-00-937-769:PP4763GRC		80058	POWER SUPPLY	3G5	EA 1
2 17	PDODD	6110-00-089-734:J2776GRC142		80058	DISTRIBUTION BOX	3G5	EA 1
2 18	PAOZZ	5305-00-207-229:MS35307-312		96906	SCREW, CAP	3G5	EA 4
2 19	PAOZZ	5310-00-933-812:MS35338-139		96906	WASHER, LOCK	3G5	EA 4
2 20	PDODD	5815-00-933-812:TT523AGRC		80058	SIGNAL DEVICE, LL USED IN AN/GRC-142 SERIAL NUMBER 1 THRU 145	3G5	EA 1
2 20	PDODD	5815-00-999-304:TT523AGGC		80058	SIGNAL DEVICE, LL USED IN AN/GRC-142 SERIAL NUMBER 146 AND ABOVE AND AN/GRC-122	3G5	EA 1
2 21	PDODD	5815-00-503-276:TT76GRC		80058	REPERFORATOR TRANSMITTER TELETYPEWRITER OR	3G5	EA 1
2 21	PDODD	5815-00-553-606:TT76AGGC		80058	REPERFORATOR TRANSMITTER TELETYPEWRITER	3G5	EA 1
2 22	PDODD	5930-00-937-535:SA1555GRC142		80058	SWITCH BOX	3G5	EA 1
2 23	PDODD	5815-00-937-611:SA1554GRC142		80058	SWITCH BOX ASSEMBLY	3G5	EA 1
2 24	PDODD	5820-00-223-754:ANGRC106A		80058	RADIO SET	3G5	EA 1
2 25	PDODD	6625-00-682-446:ME165G		80058	STANDING WAVE RATIO POWERT METER	3G5	EA 1
2 26	PAOHH	5995-00-935-039:CG3384U		80058	CABLE ASSEMBLY, RF	3G5	EA 1
2 27	PAOZZ	6645-00-950-859:AL3A1		81349	CLOCK, AIRCRAFT, MECH	3G5	EA 1
2 28	PAOZZ	5305-00-054-665:MS51957-31		96906	SCREW, MACHINE	3G5	EA 2
2 29	PAOZZ	5310-00-054-004:NAS620C6L		88044	WASHER, FLAT	3G5	EA 2
2 30	PAOZZ	5310-00-929-639:MS35338-136		96906	WASHER, LOCK	3G5	EA 2
2 31	PDODD	4520-00-649-757:1MILH52204		81349	HEATER SPACE OR	3G5	EA 1
2 31	PDODD	4520-00-010-405:MH1583C1		46522	HEATER, SPACE	3G5	EA 1

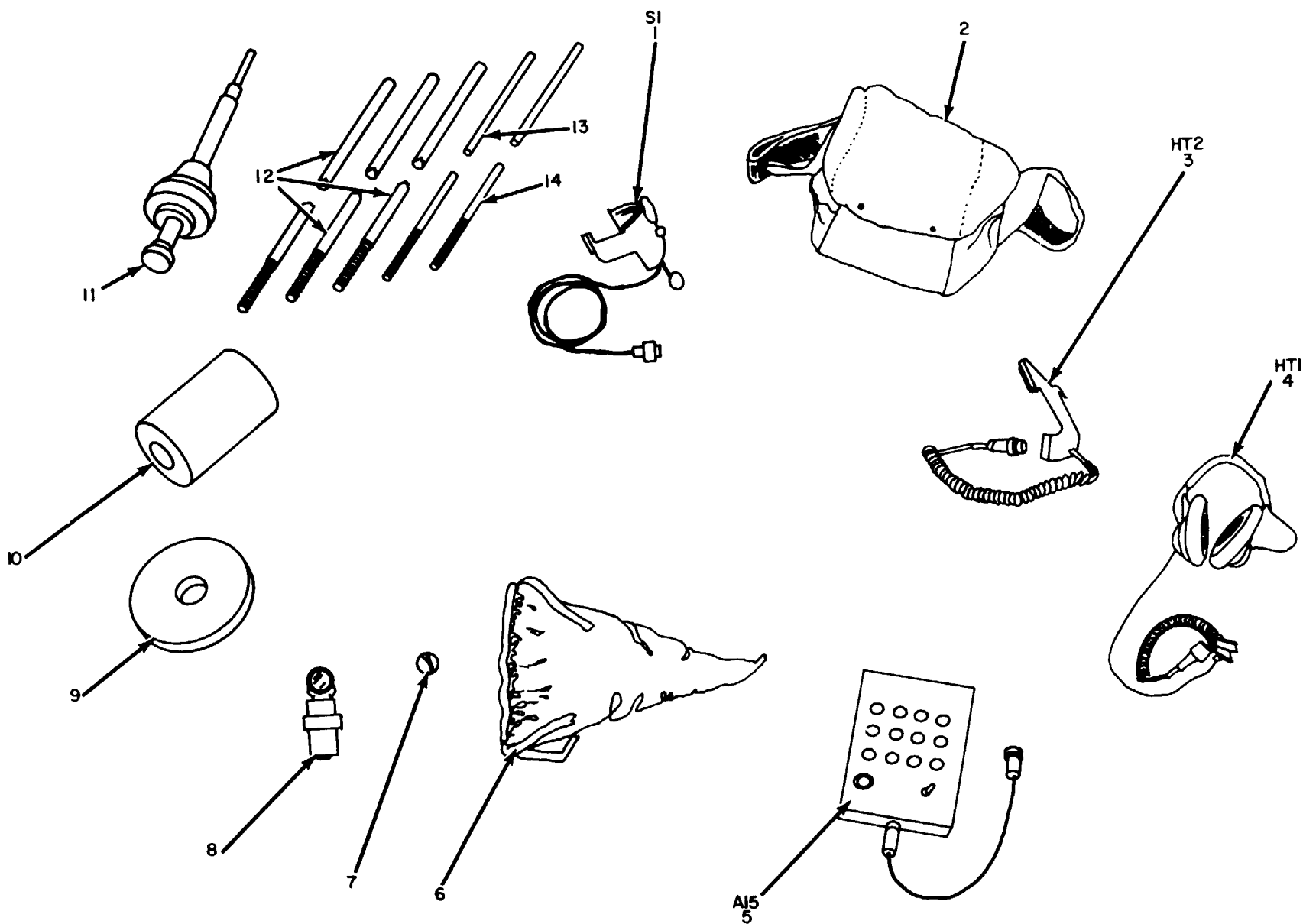
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(a)	(b)		NATIONAL		DESCRIPTION		QTY	
FIG	ITEM	SMR	STOCK	PART			INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN	
							U\M	
							UNIT	
2	32	PAOHH	5995-00-935-0248	CG2568AU5FT6IN	80058	CABLE ASSEMBLY, RF	3G5	EA 1
2	33	PAOZZ	5310-00-934-9765	MS35650-304	96906	NUT, PLAIN, HEXAGON	3G5	EA 3
2	34	PAOZZ	5310-00-933-8120	MS35338-138	96906	WASHER, LOCK	3G5	EA 3
2	35	PAOZZ	5310-00-595-6772	MS15795-808	96906	WASHER, FLAT	3G5	EA 3
2	36	PAOZZ	5310-00-989-0908	MS35691-3	96906	NUT, PLAIN, HEXAGON	3G5	EA 3
2	37	XDOZZ		SMB603572	80063	SPACER	3G5	EA 3



EL2EF005

Figure 3. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Accessory Cables and Components.

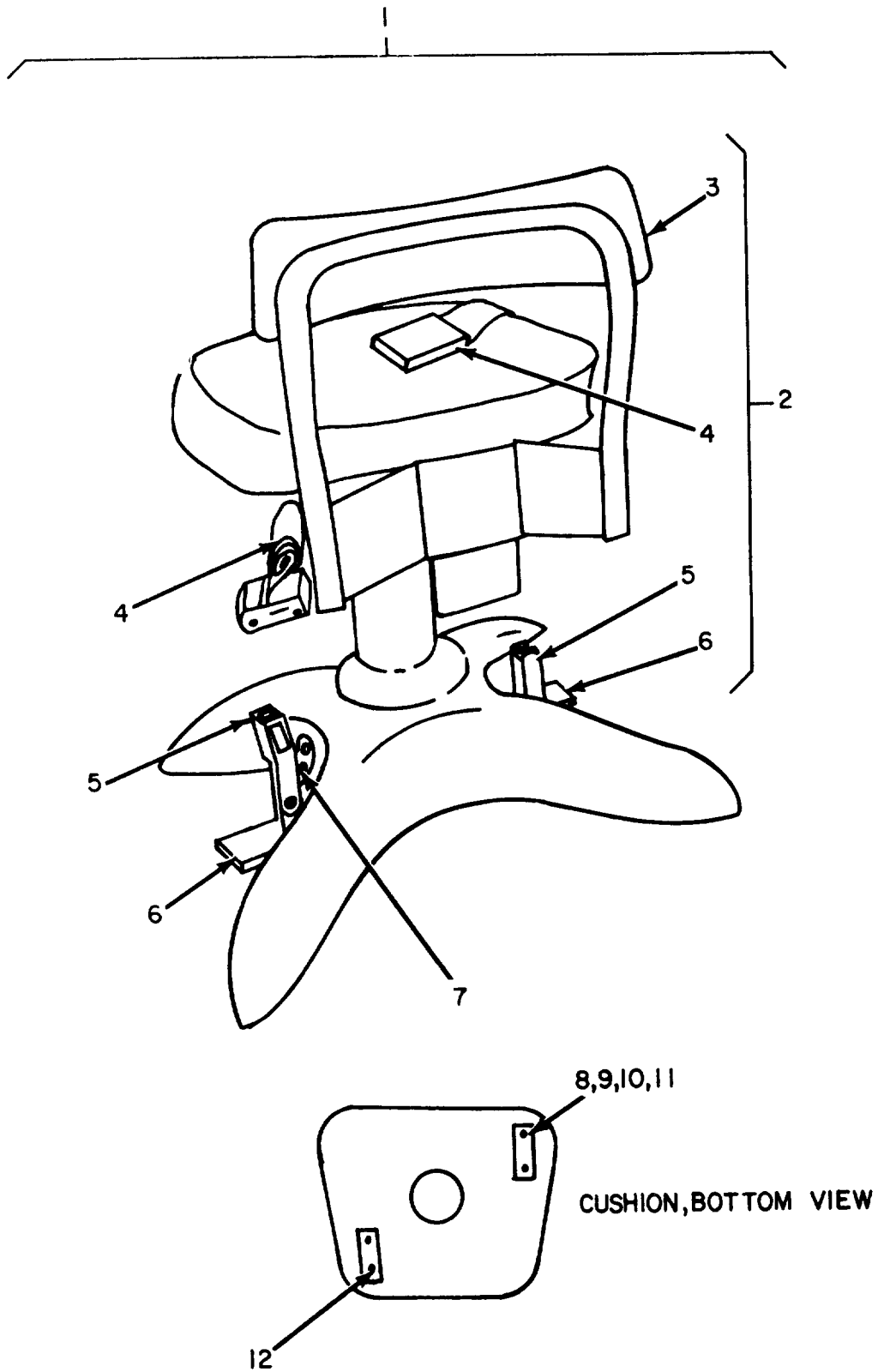
(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U\M	(8) QTY INC IN UNIT
3	1	XDOFF		SMC613229	80063	HOSE ASSEMBLY, EXHAUST	AJY, 3G7	EA	2
3	5	XDOHH		SMC613152	80063	CABLE ASSEMBLY, RF	AJY, 3G7	EA	1
3	6	PAOHH	5995-00-935-5236	CX10951G50FT	80058	CABLE ASSEMBLY, POWER		EA	1
3	7	PAOHZ	6150-00-935-0257	SMC603139	80063	CABLE ASSEMBLY, POWER		EA	1
3	8	PAOZZ	5305-00-059-3659	MS51958-63	96906	SCREW, MACHINE		EA	4
3	9	PAOZZ	5310-00-619-1148	MS15795-808	96906	WASHER, FLAT		EA	4
3	10	PDOFF	5210-00-555-8837	FR2-3-4-11848	99539	EXTINGUISHER, FIRE		EA	1
3	11	PDODD	5820-00-644-4554	ANGRA6	80058	CONTROL GROUP		EA	1
3	12	XDOZZ		SC8781180	80063	GRIP, CABLE		EA	1



EL2EFO06

Figure 4. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Control Unit, Antenna and Accessory Items.

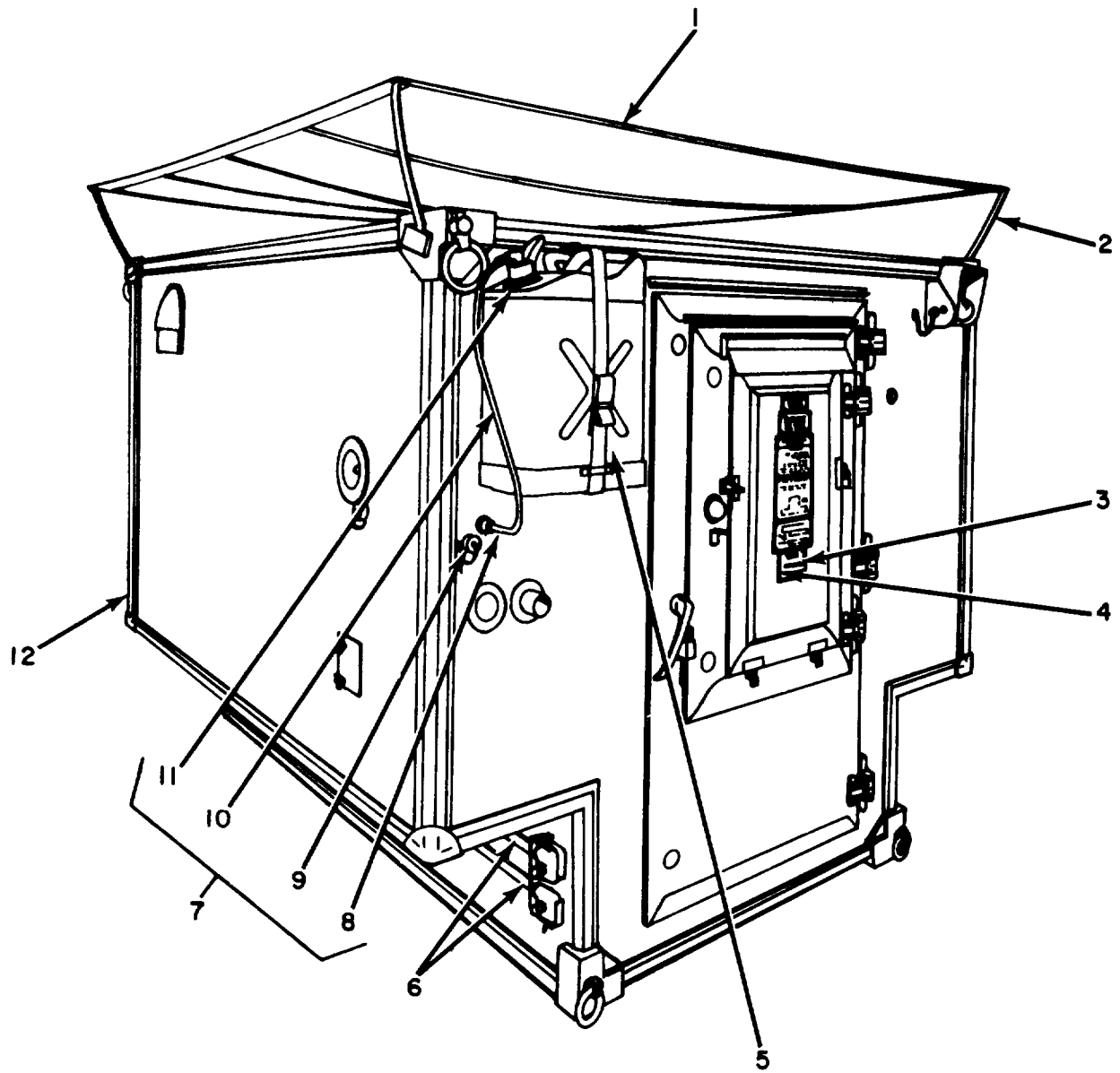
(1) ILLUSTRATION (a) (b) FIG ITEM NO. NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) QTY INC IN U\M	(8) UNIT
4 1	PDOZZ	5805-00-503-3395	SCDL45824	80063	KEY ASSEMBLY KY-116/U		EA	1
4 2	PDODD	5985-00-892-0758	ANGRA50	80058	ANTENNA GROUP QTY 2 FOR DUPLEX OPERATION ONLY		EA	1
4 3	PDODD	5965-00-163-9947	H33PT	80058	HANDSET		EA	1
4 4	PDODD	5965-00-226-2915	SCDL500445	80063	HEADSET,ELECTRICAL H-227/U		EA	1
4 5	PAOFD	5815-00-937-5973	C7279GRC142	80058	REMOTE CONTROL ASSEMBLY		EA	1
4 6	PDOZZ	8345-00-937-5532	SMC603382	80063	FLAG,SAFETY		EA	3
4 7	PAOZZ	5985-00-930-7223	SC-C-446D46	80063	ANTENNA TIP		EA	2
4 8	XDOZZ		SMD350209	80063	LANTERN,HAND		EA	1
4 9	PAOZZ	7530-00-634-6237	SMD613000-2	80063	TELETYPEWRITER TAPE		EA	8
4 10	PAOZZ	7530-00-281-2694	SMB603214	80063	TELETYPEWRITER PAPER		EA	4
4 11	PAODD	5820-00-078-4770	AB652GR	80058	MAST BASE FOR DUPLEX OPERATION ONLY		EA	1
4 12	PAOZZ	5985-00-199-8831	MS116A	80063	MAST SECTION FOR DUPLEX OPERATION ONLY		EA	3
4 13	PAOZZ	5985-00-115-7149	MS117A	80063	MAST SECTION FOR DUPLEX OPERATION ONLY		EA	1
4 14	PAOZZ	5985-00-238-7474	MS118A	80063	MAST SECTION FOR DUPLEX OPERATION ONLY		EA	2



EL2EF007

Figure 5. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Swivel Chair Assembly.

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U\M	(8) QTY INC IN UNIT
5	1	XDOOF		SMD613130	80063	CHAIR ASSEMBLY	AJY, 3G7	EA	1
5	2	XDOOF		SMD613126	80063	CHAIR, MODIFIED	AJY, 3G7	EA	1
5	3	PAOZZ	7110-00-438-4659	2123	24503	CHAIR, SWIVEL		EA	1
5	4	PAOZZ	5320-01-008-8204	GDE4001	00652	BELT, SEAT QTY 1 ONLY FOR AN/GRC-122/142		EA	2
5	5	XDOZZ		SMC613119	80063	LATCH, MODIFIED	AJY, 3G7	EA	2
5	6	XDOZZ		SMB613125	80063	PLATE, ADAPTER	AJY, 3G7	EA	2
5	7	PAOZZ	5320-00-882-8385	AD66H	07707	RIVET	AJY, 3G7	EA	6
5	8	PAOZZ	5305-00-632-2777	MS35307-358	96906	SCREW, MACHINE		EA	3
5	9	PAOZZ	5310-00-773-7618	MS15795-814	96906	WASHER, FLAT		EA	5
5	10	PAOZZ	5310-00-984-7042	MS35338-141	96906	WASHER, LOCK		EA	4
5	11	PAOZZ	5310-00-989-5956	MS35691-19	96906	NUT, PLAIN, HEXAGON		EA	4
5	12	PAOZZ	5305-00-021-3740	MS35307-364	96906	SCREW, MACHINE	AJY, 3G7	EA	1



SHELTER, EXTERIOR VIEW

EL2EF008

Figure 6. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Equipment Shelter.

(1) ILLUSTRATION (a) FIG NO.	(2) (b) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U\M	(8) QTY INC IN UNIT
6	1	PAOZZ	5820-00-937-5530	M1	36800	TARPAULIN	AJY,3G7	EA	1
6	5	PDOZZ	7240-00-222-3088	MCL283A	80063	CONTAINER, FUEL	AJY,3G7	EA	1
6	6	PDOZZ	5975-00-224-5260	SCD14158	80063	ROD, GROUND MX-148/G	AJY,3G7	EA	2

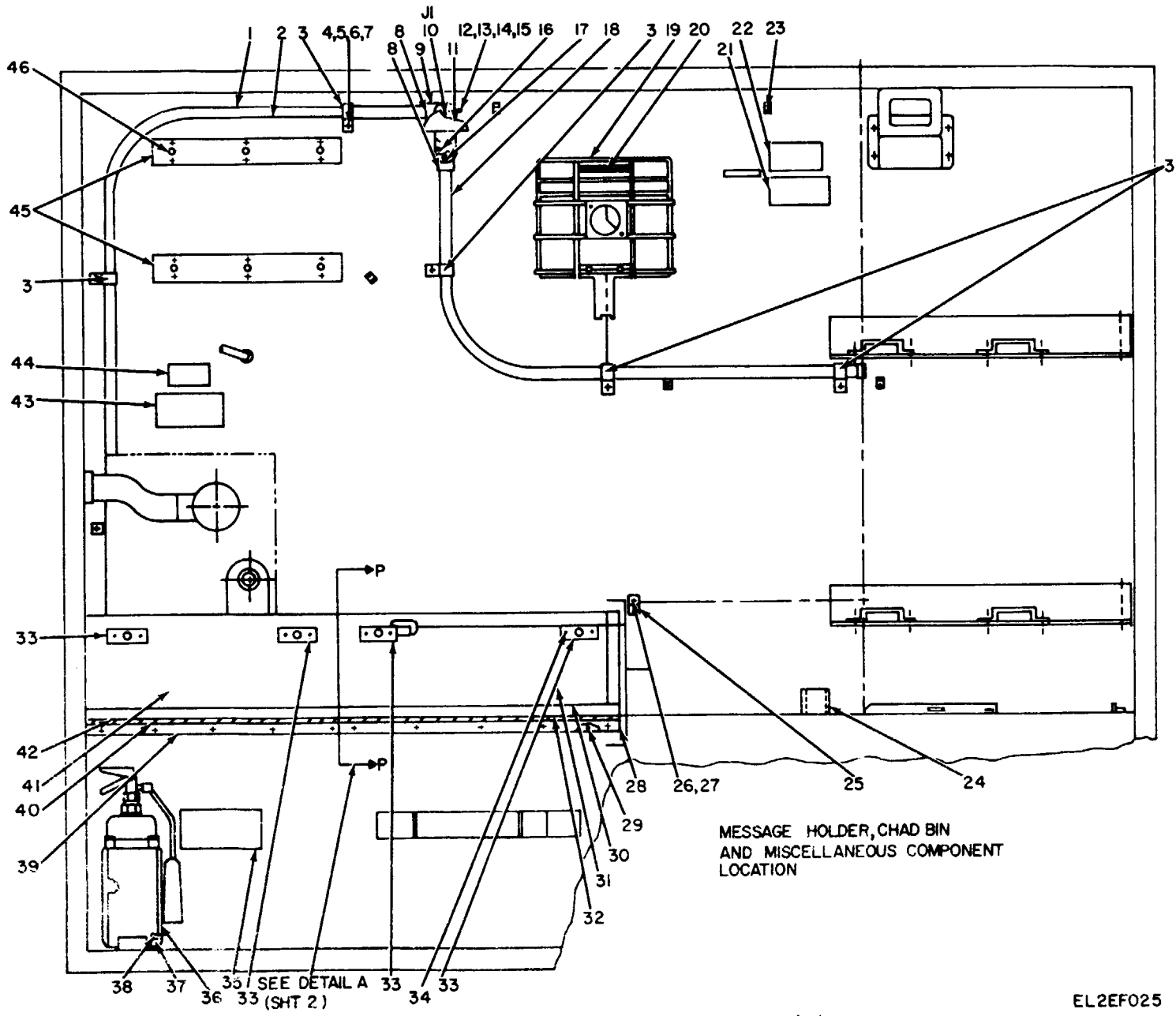
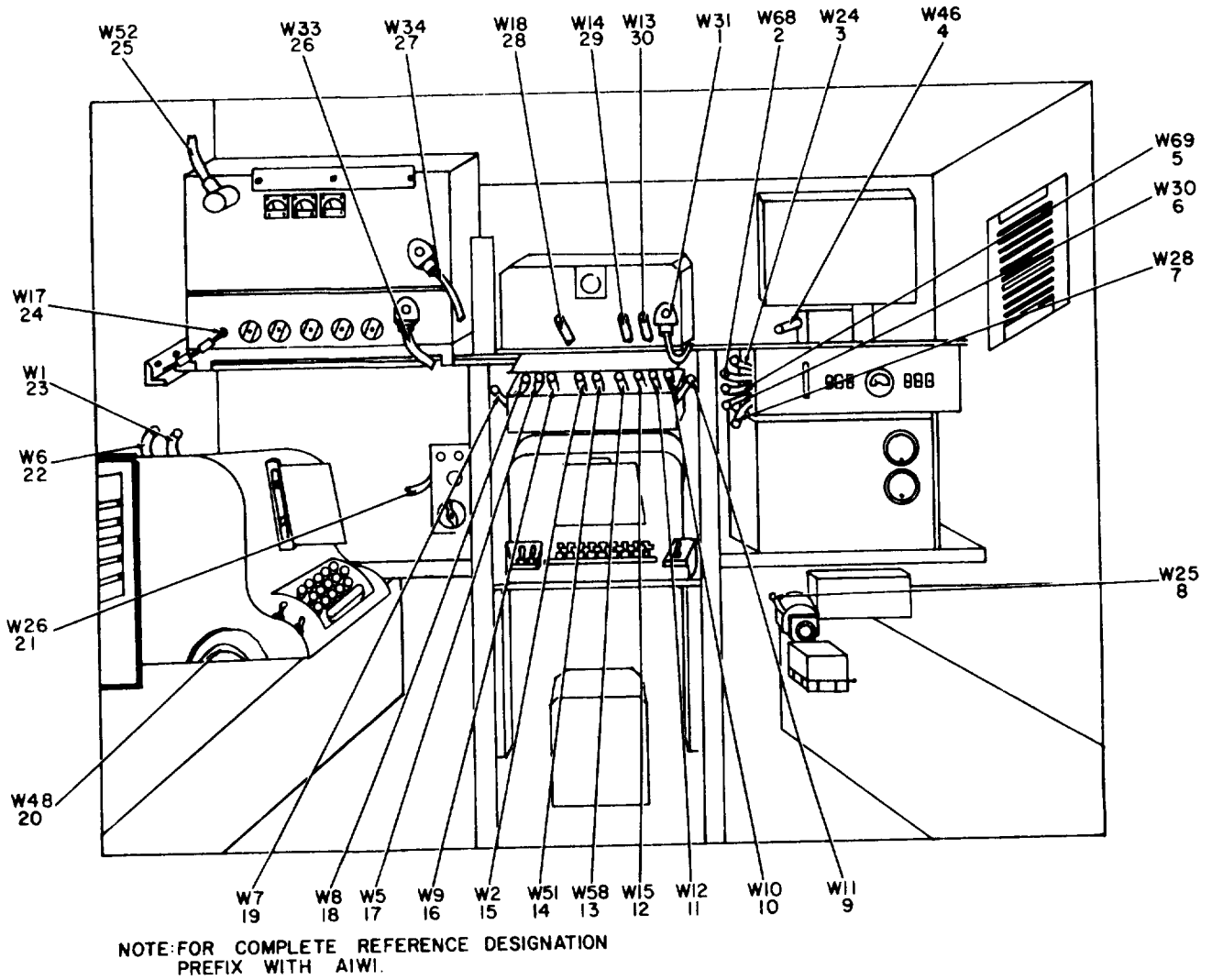


Figure 7. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Electrical Equipment Shelter, Interior Roadside Wall.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(a)	(b)	NATIONAL			DESCRIPTION		QTY	
FIG	ITEM	STOCK	PART				INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	
							UNIT	
7	23	PAOZZ	5975-00-906-2414	SSC2	06383	CABLE TIE	AJY, 3G7	EA 1
7	25	XDOZZ		SMC613220	80063	CLAMP, ELECTRICAL EQUIPMENT	AJY	EA 4
7	25	XDOZZ		SMB523238-4	80063	CLAMP, ELECTRICAL EQUIPMENT	3G7	EA 3
7	26	PAOZZ	5310-00-582-5677	MS15795-810	96906	WASHER, FLAT	AJY, 3G7	EA 4
7	27	PAOZZ	5305-00-988-7834	MS16995-53	96906	SCREW, MACHINE	AJY, 3G7	EA 4



EL2EF027

Figure 8. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Models A and B Cable Locations.

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U\M	(8) QTY INC IN UNIT
8	1	XDOHH		SMC603131-2	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	2	XDOHH		SMC613165	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	3	XDOHH		SMC603124	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	4	XDOHH		SMC613147	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	5	XDOHH		SMC613166	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	6	XDOHH		SMC603130	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	7	PDOHH	5995-00-937-8843	CX10524G10FT	80058	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	8	XDOHH		SMC603125	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	9	XDOHH		SMC603111	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	10	PDOHH	5995-00-937-8627	SMC603110	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	11	PDOHH	5995-00-935-0396	SMC603112	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	12	XDOHH		SMC603115	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	13	XDOHH		SMC613155	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	14	XDOHH		SMC613236	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	15	XDOHH		SMC603102	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	16	PDOHH	5995-00-935-2542	SMC603109	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	17	XDOHH		SMC603105	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	18	PDOHH	5995-00-935-0394	SMC603108	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	19	XDOHH		SMC603107	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	20	PAOHH	5995-00-935-2538	SMB60314B	80063	LEAD, ELECTRICAL	AJY, 3G7	EA	1
8	21	XDOHH		SMC613334	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	22	PDOHH	5995-00-937-8625	CX10512G5-6	80058	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	23	XDOHH		SMC603101-2	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	24	XDOHH		SMC603117	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	25	PAOHH	5995-00-421-7437	SMC603731	80063	LEAD, ELECTRICAL	AJY, 3G7	EA	1
8	26	XDOHH		SMC613149	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	27	XDOHH		SMC613156	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	28	XDOHH		SMC603118	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	29	XDOHH		SMC603114	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1
8	30	XDOHH		SMC603113	80063	CABLE ASSEMBLY, SP, ELEC	AJY, 3G7	EA	1

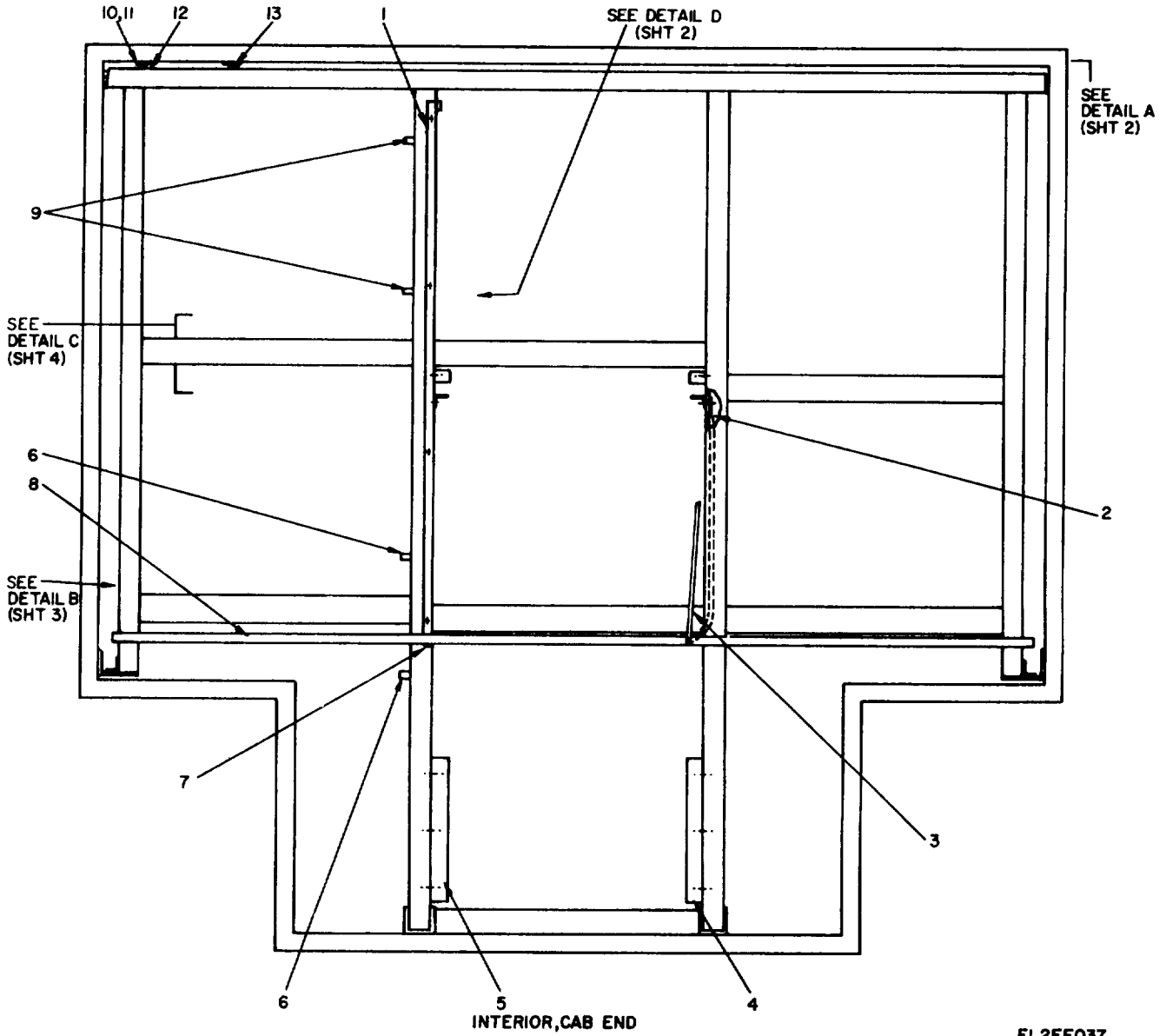
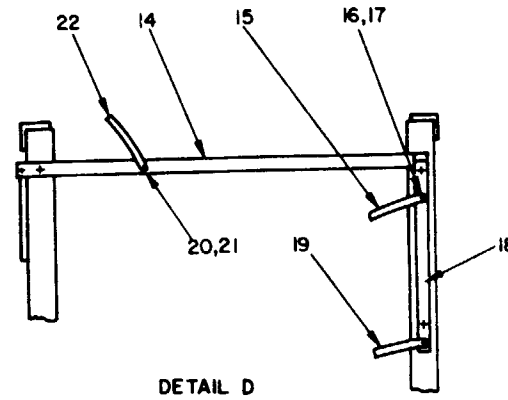
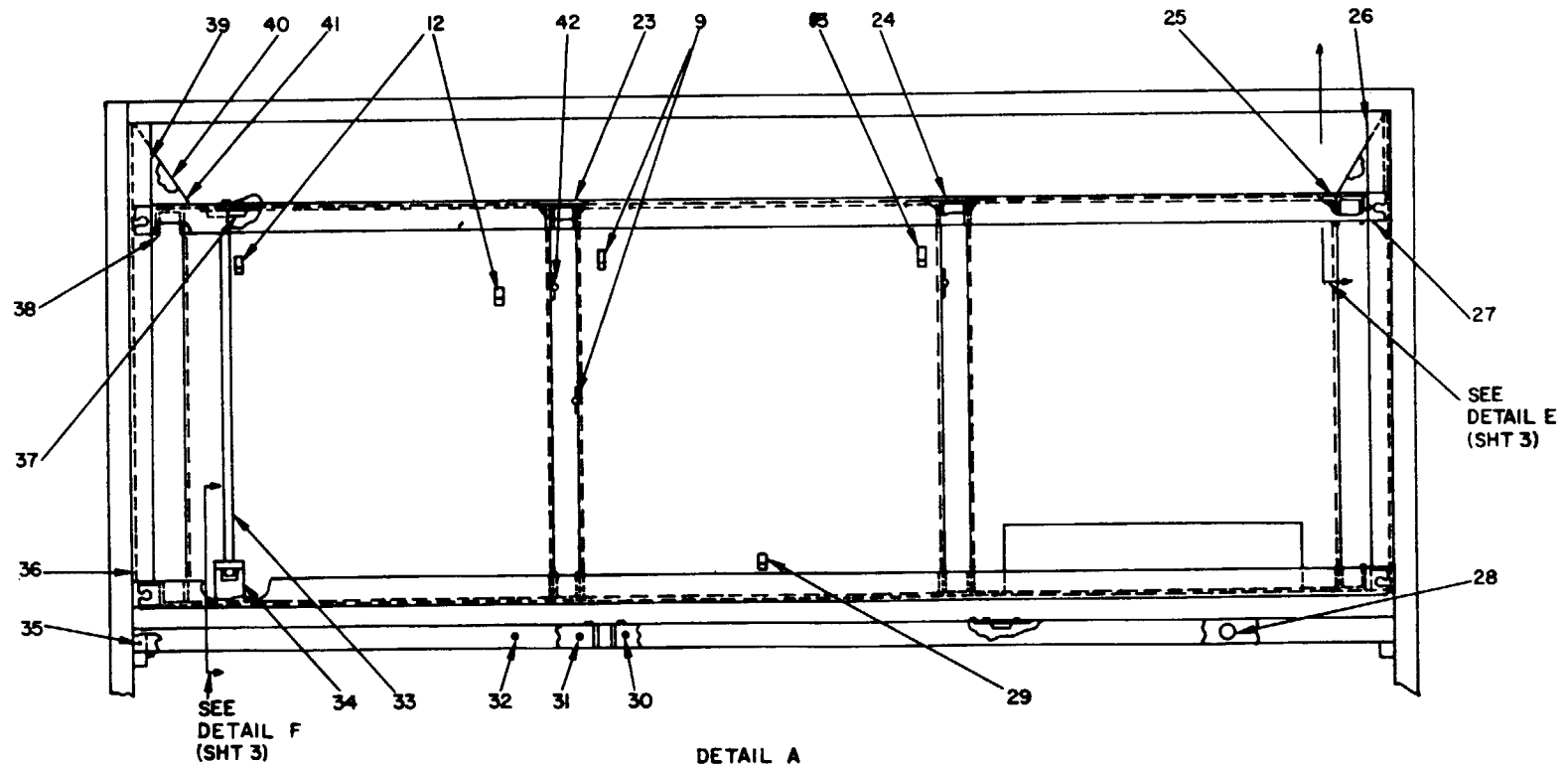


Figure 9. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Equipment Shelter S-318/G, Rack Detail (Sheet 1 of 2).



DETAIL D
CENTER CAB END ROADSIDE VIEW



DETAIL A
CAB END THRU ROOF

EL2EF038

Figure 9. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Electrical Equipment Shelter S-318/G, Rack Details (Sheet 2 of 2).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(a)	(b)	NATIONAL			DESCRIPTION		QTY	
FIG	ITEM	STOCK	PART				INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN	
							U\M	
							UNIT	
9	6	XDOZZ		SMC603698-3	80063	CLAMP, CABLE	3G5	EA 2
9	9	XDOZZ		SMC603698-8	80063	CLAMP, CABLE	3G5	EA 4
9	10	PAOZZ	5310-00-009-9786	MS27130-14	96906	NUT, RIVET	3G5	EA 12
9	11	PAOZZ	5305-00-054-6671	MS51957-46	96906	SCREW, MACHINE	3G5	EA 12
9	12	PAOZZ	5340-00-921-3553	SMB583238-3	80063	CLAMP, CABLE	3G5	EA 4
9	13	XDOZZ		SMC603698-9	80063	CLAMP, CABLE	3G5	EA 3
9	29	PAOZZ	5340-00-007-6040	SMB583238-5	80063	CLAMP, CABLE	3G5	EA 1

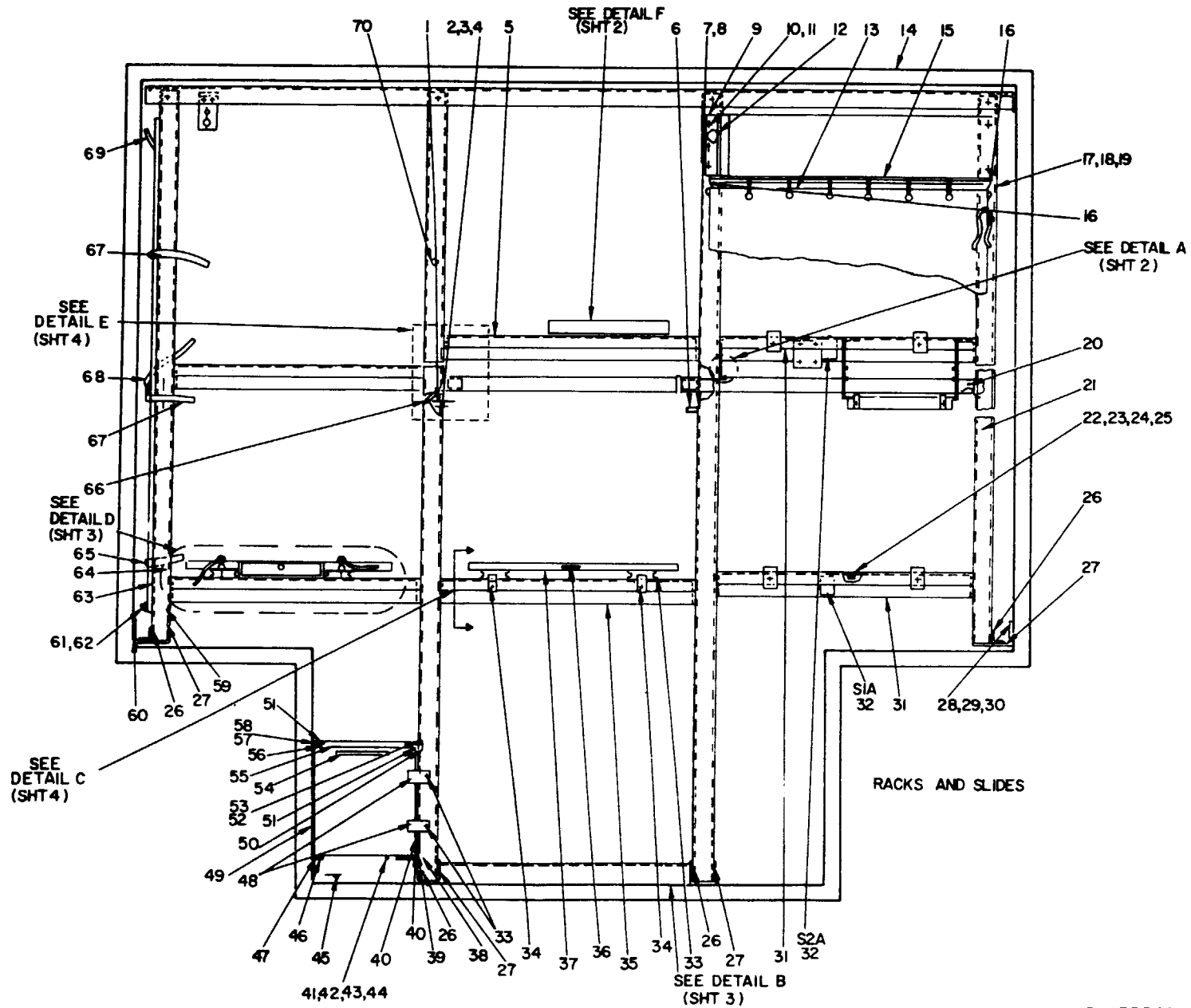
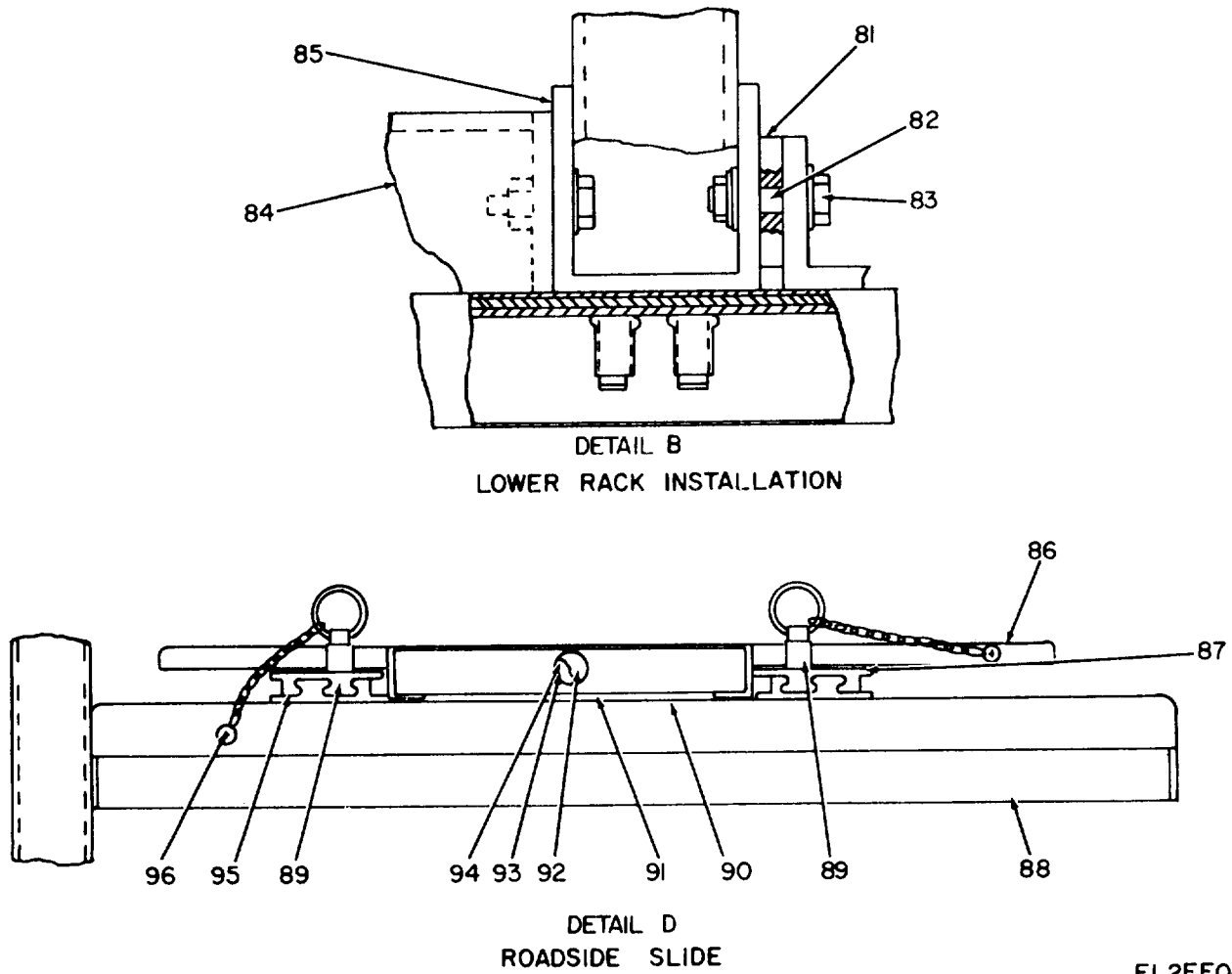


Figure 10. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Electrical Equipment Shelter S-318/G, Cab End Interior View (Sheet 1 of 2).

EL2EF042



EL2EF044

Figure 10. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Electrical Equipment Shelter S-318/G, Cab End Interior View (Sheet 2 of 2).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(a)	(b)	NATIONAL			DESCRIPTION		QTY	
FIG	ITEM	SMR	STOCK	PART			INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	UNIT
10	34	XDOZZ		SMC603404	80063	CLAMP, CABLE	3G5	EA 2
10	92	XDOZZ		930DC	73507	KNOB	3G5	EA 1
10	93	XDOZZ		P698-447	79553	STUD	3G5	EA 1
10	94	PAOZZ	5310-00-638-9857	AN960C6L	88044	WASHER, FLAT	3G5	EA 1

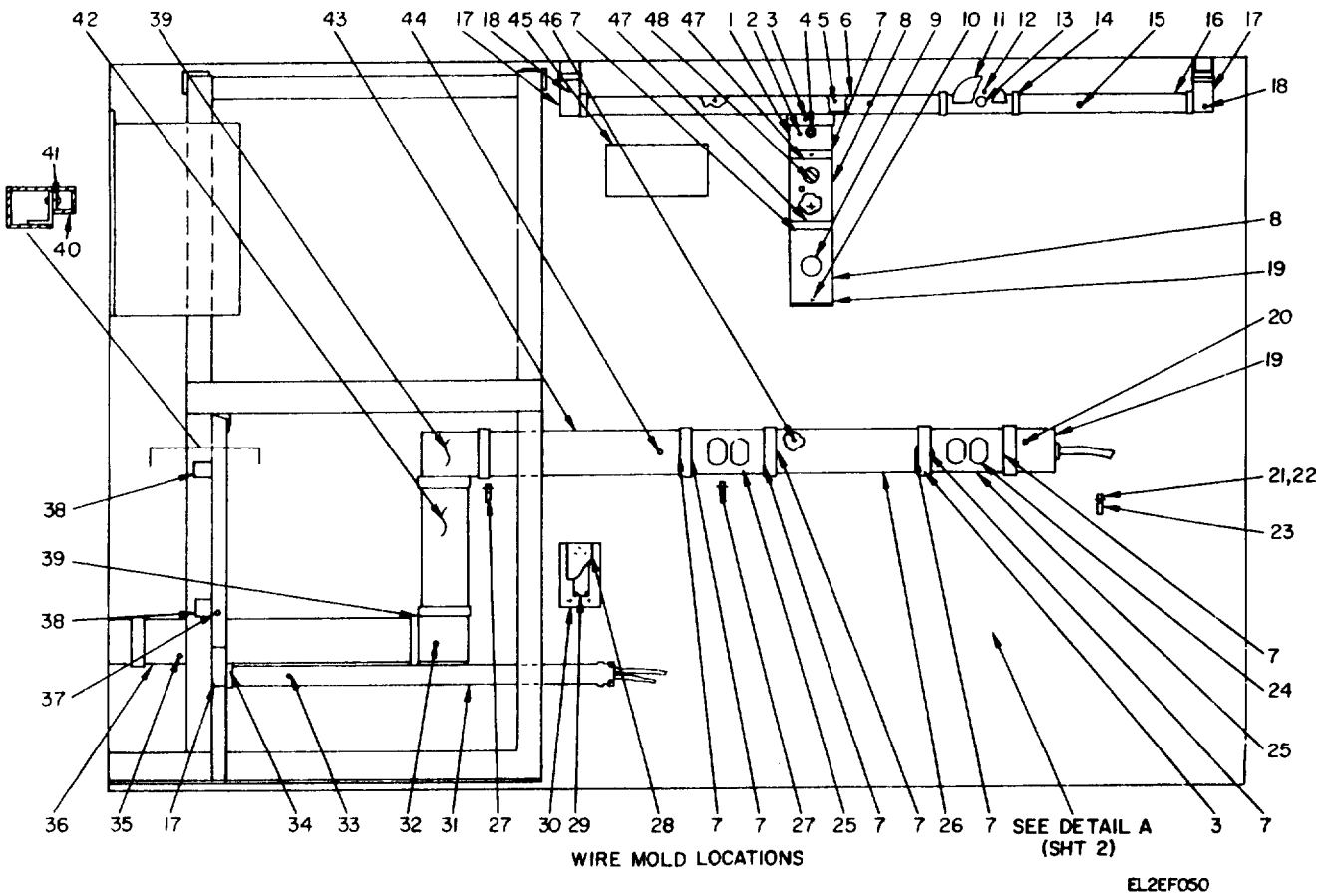
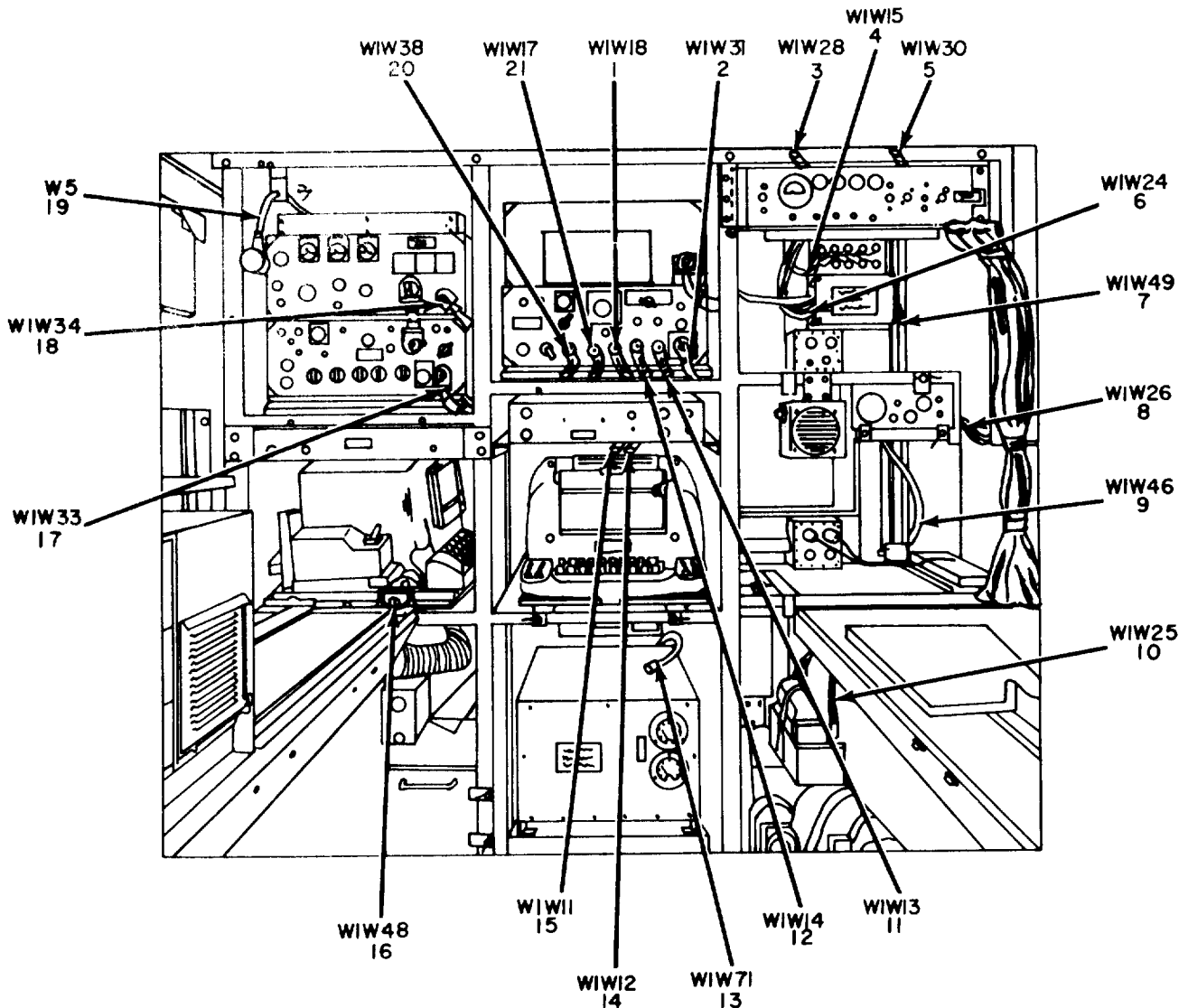


Figure 11. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Electrical Equipment Shelter S-318/G, Curbside Interior View.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(a)	(b)	NATIONAL			DESCRIPTION		QTY	
FIG	ITEM	STOCK	PART				INC	
NO.	NO.	SMR	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	
		CODE					UNIT	
11	21	PAOZZ	5310-00-009-9785	MS27130-20	96906	NUT,BLIND RIVET	3G5	EA 1
11	22	PAOZZ	5305-00-059-3661	MS51958-65	96906	SCREW,MACHINE	3G5	EA 1
11	23	XDOZZ		SMC603698-10	80063	CLAMP,CABLE	3G5	EA 1
11	27	PAOZZ	5340-00-007-6040	SM8583238-5	80063	CLAMP,CABLE	3G5	EA 2

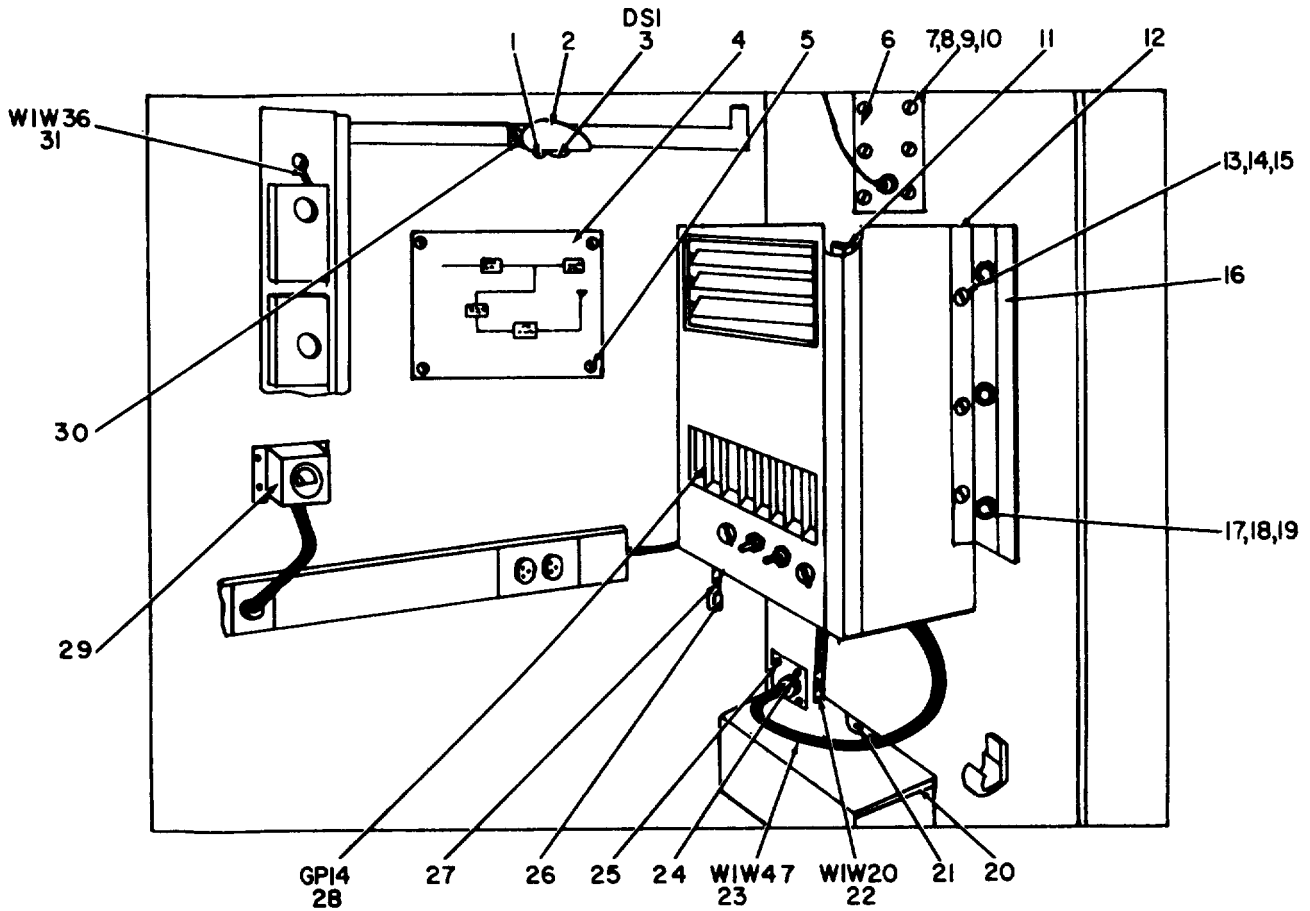


NOTE: FOR COMPLETE REFERENCE DESIGNATIONS PREFIX WITH AI.

EL2EF055

Figure 12. Radio Teletypewriter Sets AN/GRC(*) and AN/GRC-142(*), Accessory Cable Location.

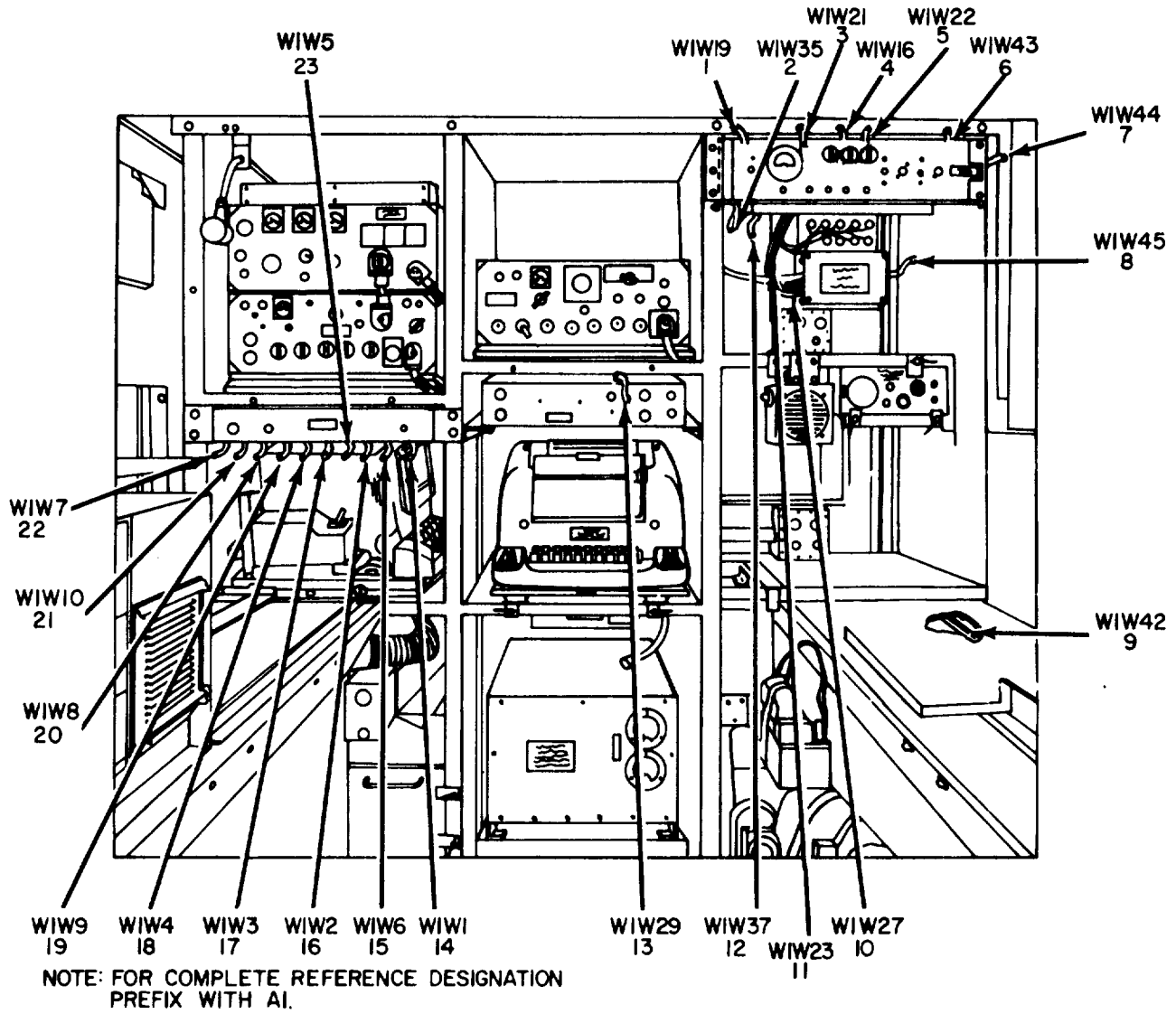
(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U\M	(8) QTY INC IN UNIT
12	1	PDOHH	5995-00-937-8464	CX10520G4FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	2	PDOHH	5995-00-937-8631	CX10526G3FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	3	PDOHH	5995-00-937-8843	CX10524G10FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	4	PDOHH	5995-00-937-8462	CX10518G6FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	5	PDOHH	5995-00-937-8844	CX10524G8FT8IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	6	PDOHH	5995-00-937-8616	CX10531G4FT5IN	80058	CABLE ASSEMBLY, PWR	3G5	EA	1
12	7	PDOHH	5995-00-935-2536	CX10615G	80058	LEAD, ELECTRICAL	3G5	EA	1
12	8	PDOHH	5995-00-494-9602	CX10523G6FT6IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	9	PDOHH	5995-00-935-2537	CX10616G	80058	LEAD, ELECTRICAL	3G5	EA	1
12	10	PDOHH	5995-00-937-8048	CX10523G6FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	11	PDOHH	5995-00-937-8461	CX10516G4FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	12	PDOHH	5995-00-937-8467	CX10517G4FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	13	PDOHH	5995-00-089-7799	CX10761U6FT	80058	LEAD, ELECTRICAL	3G5	EA	1
12	14	PDOHH	5995-00-935-0396	CX10515G	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	15	PDOHH	5995-00-937-8460	CX10515G6FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	16	PDOHH	5995-00-935-2538	CX10617G4.5IN	80058	LEAD, ELECTRICAL	3G5	EA	1
12	17	PDOHH	5995-00-937-8614	CX10527G3FT11IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	18	PDOHH	5995-00-935-0398	CX10527G3FT4IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
12	19	PDOHH	5995-00-985-8014	CX10171U	80058	LEAD, ELECTRICAL	3G5	EA	1
12	20	PDOHH	5995-00-937-8458	CG3366U1FT6IN	80058	CABLE ASSEMBLY, RF	3G5	EA	1
12	21	PDOHH	5995-00-937-8463	CX10519G6FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1



EL2EF056

Figure 13. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Electrical Equipment Shelter S-318/G, Interior, Rear Curbside Corner.

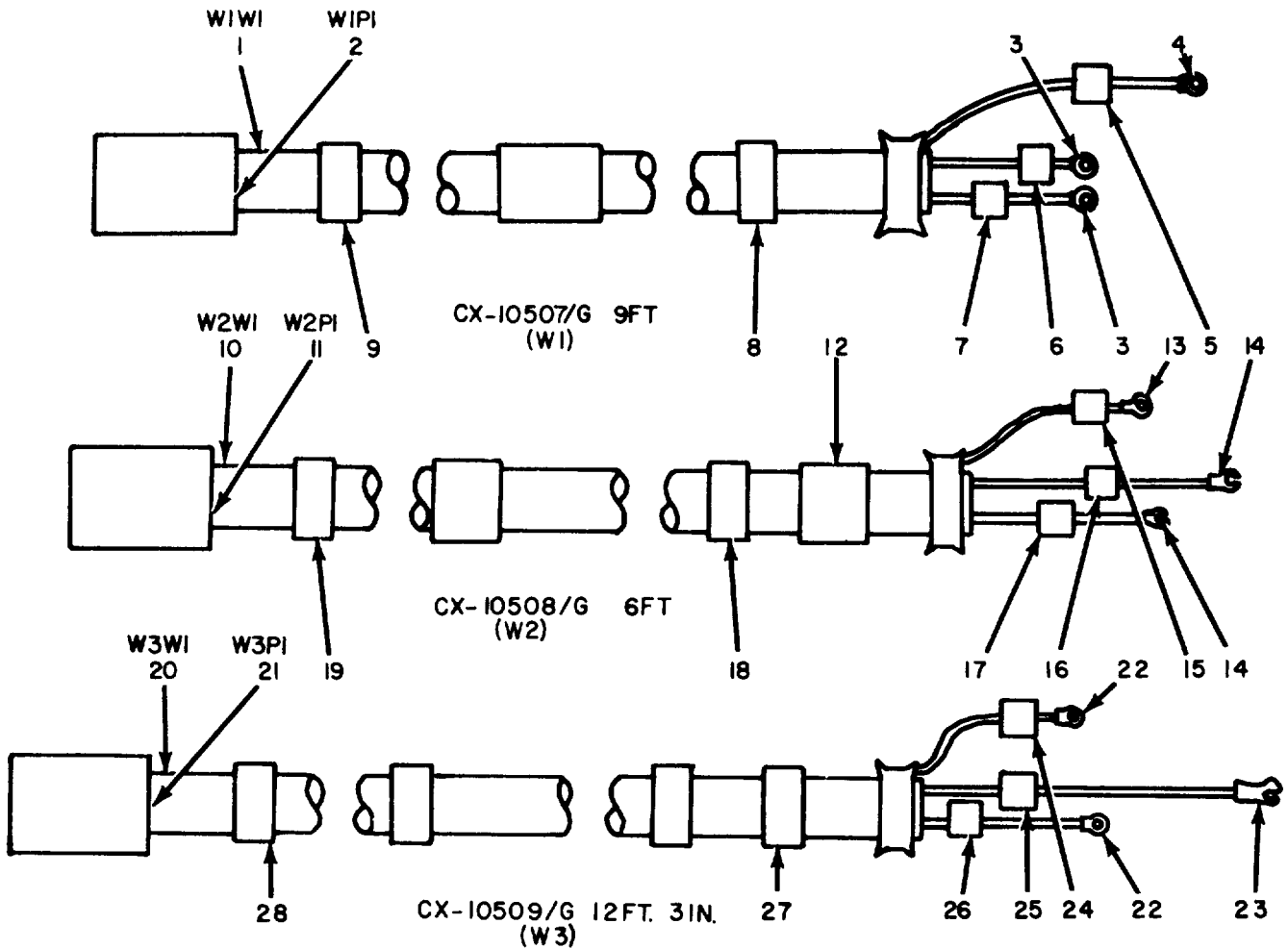
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(a)	(b)		NATIONAL		DESCRIPTION		QTY	
FIG	ITEM	SMR	STOCK	PART			INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN	
							U\M	
							UNIT	
13	3	PAOZZ	6240-00-155-8651	MS15586-7	96906	LAMP INCANDESCENT	3G5	EA 1
13	20	PDODD	5815-00-879-6191	SMD602956	80063	BOX ASSY,AC ENTR	3G5	EA 1
13	22	PDOHH	5995-00-437-8834	CX10529U	80058	CABLE ASSEMBLY,PWR,ELEC	3G5	EA 1
13	23	PDOHH	5995-00-089-4497	SMC603147	80063	CABLE ASSEMBLY,SP,ELEC	3G5	EA 1
13	31	PDOHH	5995-00-937-8613	CX10534G16FT8IN	80058	CABLE ASSEMBLY,PWR,ELEC	3G5	EA



EL2EF057

Figure 14. Radio Teletypewriter Sets AN/GRC-122(*) and AN/GRC-142(*), Plain Model Cable Locations.

(1) ILLUSTRATION (a) FIG NO.	(2) (b) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U\M	(8) QTY INC IN UNIT
14	1	PDOHH	5995-00-937-8628	CX10521G10FT4IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	2	PDOHH	5995-00-937-8617	CX10533G15FT8IN	80058	CABLE ASSEMBLY, PWR, ELEC	3G5	EA	1
14	3	PDOHH	5995-00-937-8841	CX10522G6FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	4	PDOHH	5995-00-937-8834	CX10528G	80058	CABLE ASSEMBLY, PWR, ELEC	3G5	EA	1
14	5	PDOHH	5995-00-935-0397	CX10530G	80058	CABLE ASSEMBLY, PWR, ELEC	3G5	EA	1
14	6	PDOHH	5995-00-935-2521	CX10523G	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	7	PDOHH	5995-00-935-2539	CX10618G	80058	LEAD, ELECTRICAL	3G5	EA	1
14	8	PDOHH	5995-00-937-8615	CX10532G	80058	CABLE ASSEMBLY, PWR, ELEC	3G5	EA	1
14	9	PDOHH	5995-00-935-0389	CG2340AU9FT	80058	CABLE ASSEMBLY, RF	3G5	EA	1
14	10	PDOHH	5995-00-935-2513	CX10614G	80058	LEAD, ELECTRICAL	3G5	EA	1
14	11	PDOHH	5995-00-937-8833	CX10530G9-10	80058	CABLE ASSEMBLY, PWR, ELEC	3G5	EA	1
14	12	XDOHH		CX10760U	80058	LEAD, ELECTRICAL	3G5	EA	1
14	13	PDOHH	5995-00-937-8842	CX10525G8FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	14	PDOHH	5995-00-937-8620	CX10507G4FT5IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	15	PDOHH	5995-00-937-8625	CX10512G5FT6IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	16	PDOHH	5995-00-937-8621	CX10508G6FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	17	PDOHH	5995-00-937-8622	CX10509G12FT3IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	18	PDOHH	5995-00-937-8623	CX10510G11FT7IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	19	PDOHH	5995-00-935-2542	CX10514G6FT9IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	20	PDOHH	5995-00-935-2545	CX10513G7FT6IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	21	PDOHH	5995-00-937-8627	CX10515G9FT	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	22	PDOHH	5995-00-937-8626	CX10513G9FT6IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1
14	23	PDOHH	5995-00-937-8624	CX10511G5FT11IN	80058	CABLE ASSEMBLY, SP, ELEC	3G5	EA	1



NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH AIWI

EL2EF060

Figure 15. Cable Assemblies, A1W1W1, A1W1W2, A1W1W3, A1W1W4, A1W1W5 and A1W1W6
(Sheet 1 of 2).

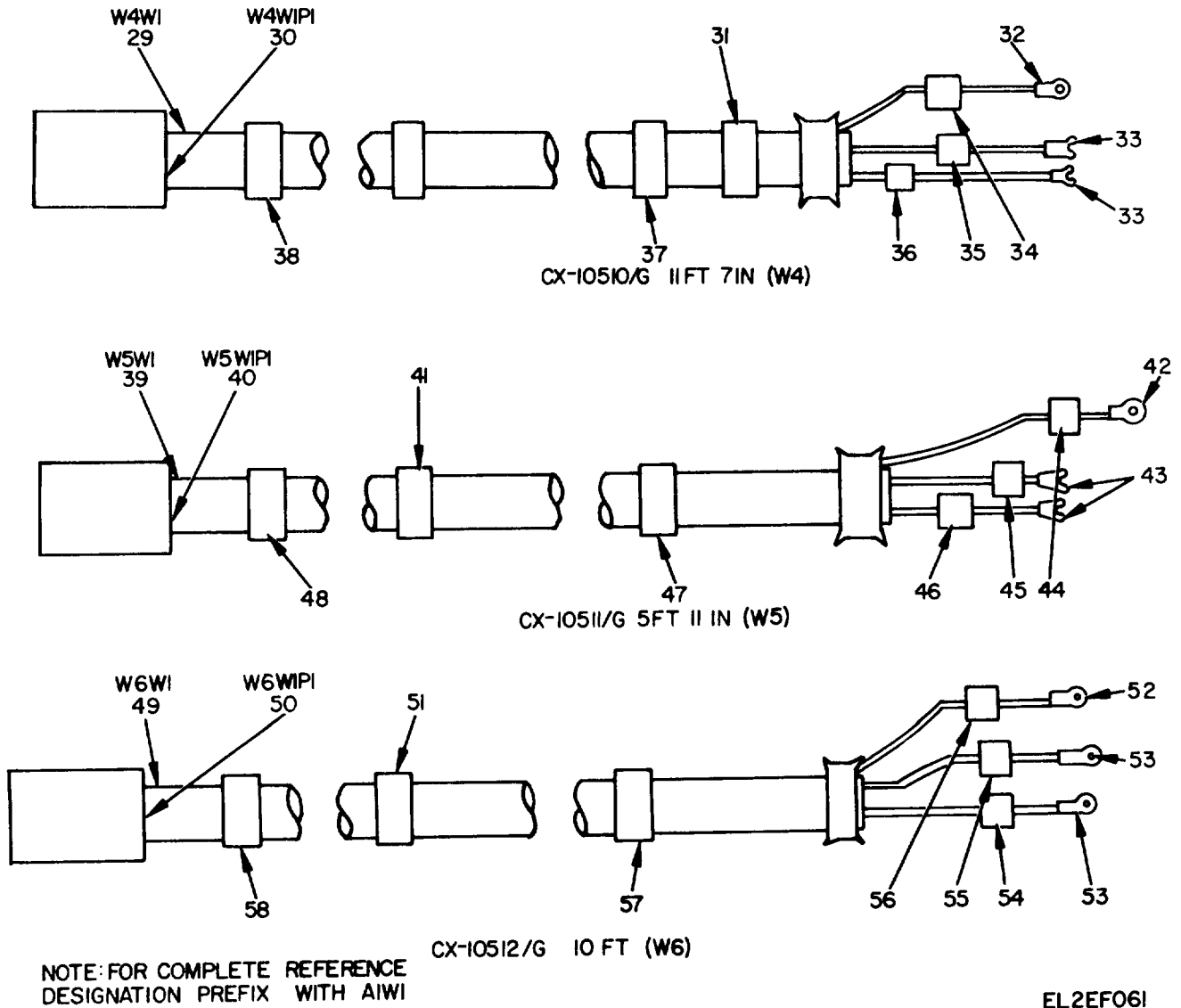
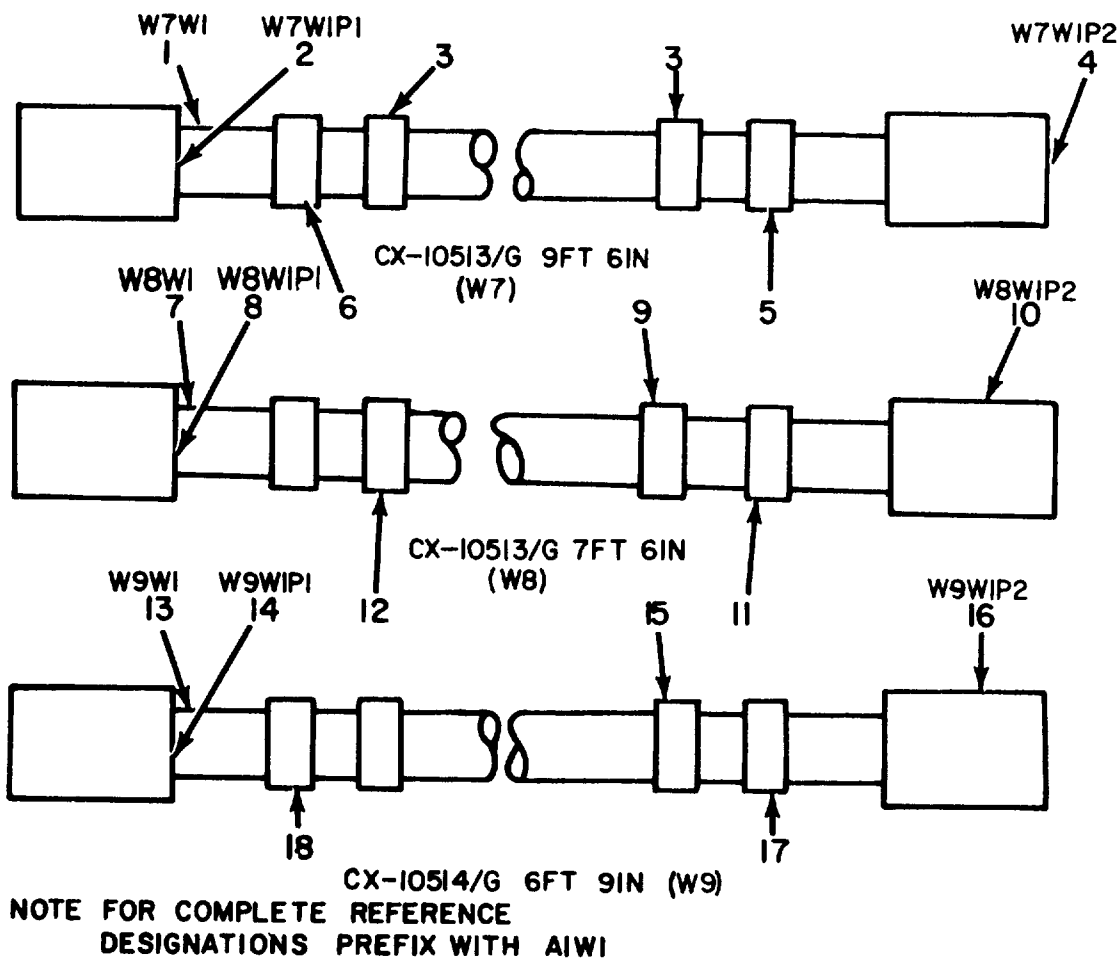


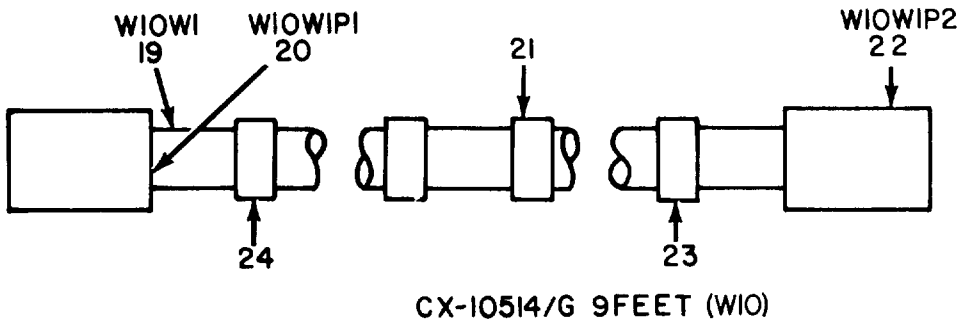
Figure 15. Cable Assemblies, A1W1W1, A1W1W2, A1W1W3, A1W1W4, A1W1W5 and A1W1W6 (Sheet 2 of 2).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(a)	(b)						QTY
FIG	ITEM	SMR	NATIONAL	PART	DESCRIPTION		INC
NO.	NO.	CODE	STOCK	NUMBER	FSCM	USABLE ON CODE	IN
			NUMBER	NUMBER			UNIT
GROUP 16 CABLE ASSEMBLIES							
15	1	PDOHH	5995-00-453-9428	CX10507G9FT	80058	CABLE ASSEMBLY,SP	EA 1
15	10	PDOHH	5995-00-937-8621	CX10508G6FT	80058	CABLE ASSEMBLY,SP	EA 1
15	20	PDOHH	5995-00-251-9177	CX10509G12FT3IN	80058	CABLE ASSEMBLY,SP	EA 1
15	29	PDOHH	5995-00-937-8626	CX10510G11FT7IN	80058	CABLE ASSEMBLY,SP	EA 1
15	39	PDOHH	5995-00-248-4426	CX10511G5FT11IN	80058	CABLE ASSEMBLY,SP	EA 1
15	49	PDOHH	5995-00-453-9433	CX10512G10FT	80058	CABLE ASSEMBLY,SP	EA 1

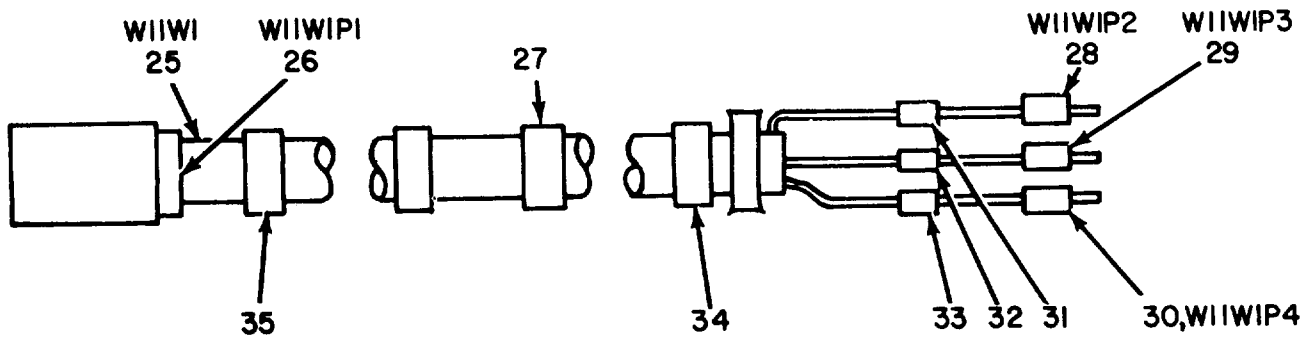


EL2EFO62

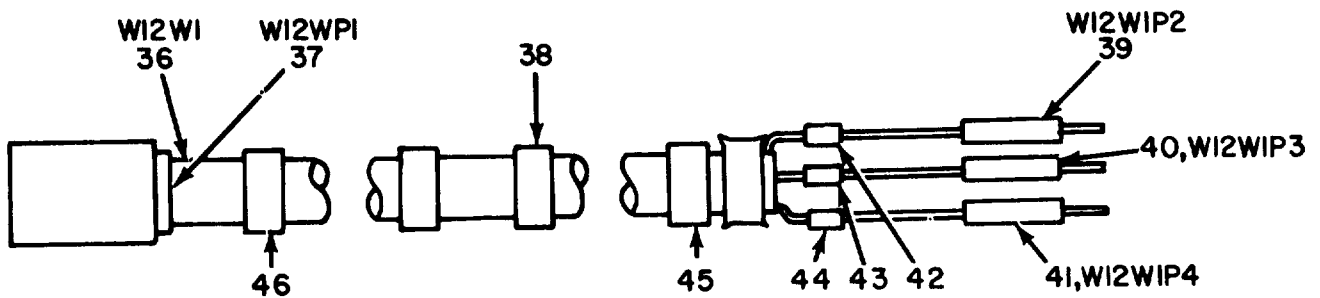
Figure 16. Cable Assemblies, A1W1W7, A1W1W8, A1W1W9, A1W1W10, A1W1W11 and A1W1W12 (Sheet 1 of 2).



CX-10514/G 9 FEET (W10)



CX-10515/G 6 FEET (W11)



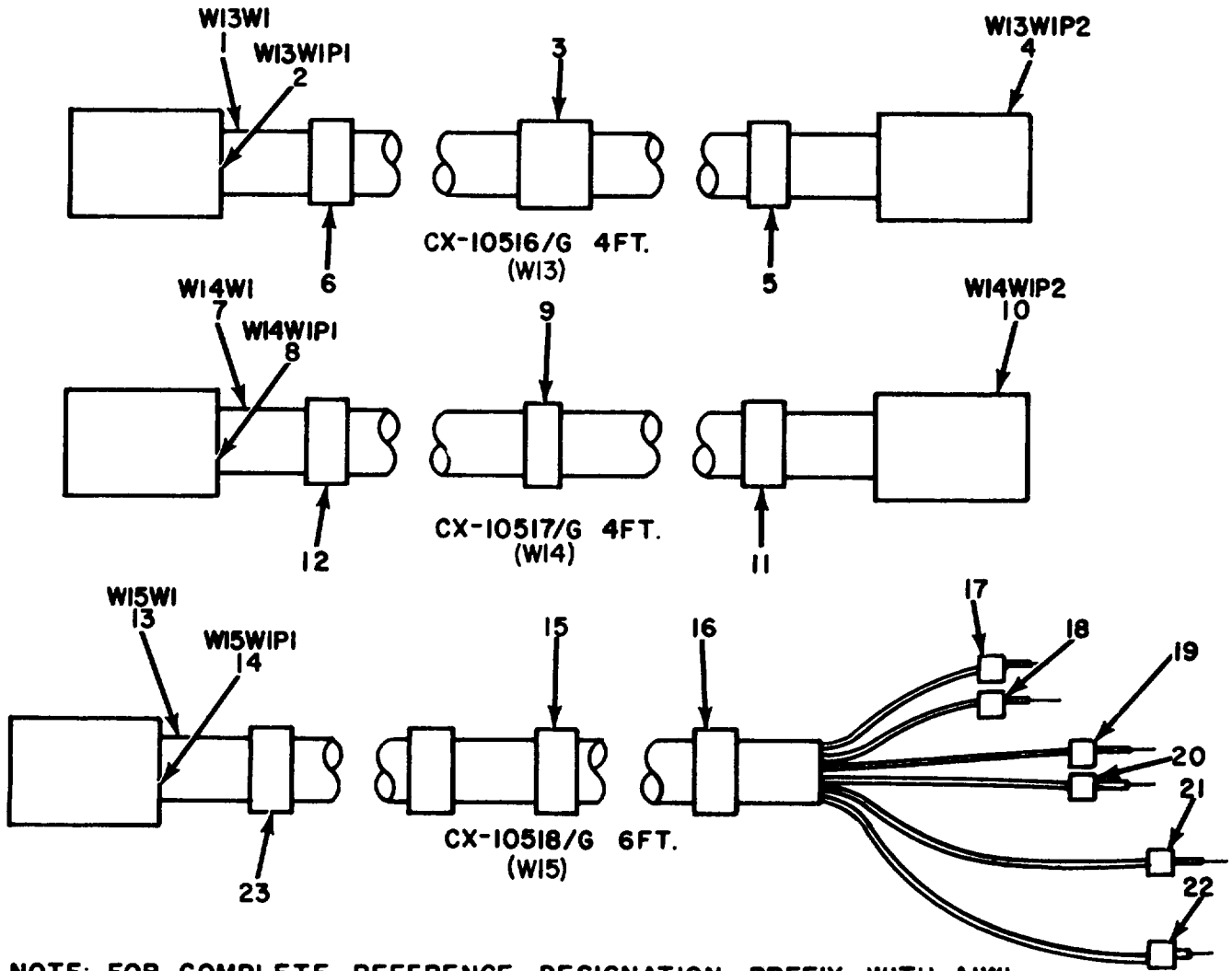
CX-10515/G 7 FEET (W12)

NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH AIWI

EL 2EFO63

Figure 16. Cable Assemblies, A1W1W7, A1W1W8, A1W1W9, A1W1W10, A1W1W11 and A1W1W12 (Sheet 2 of 2).

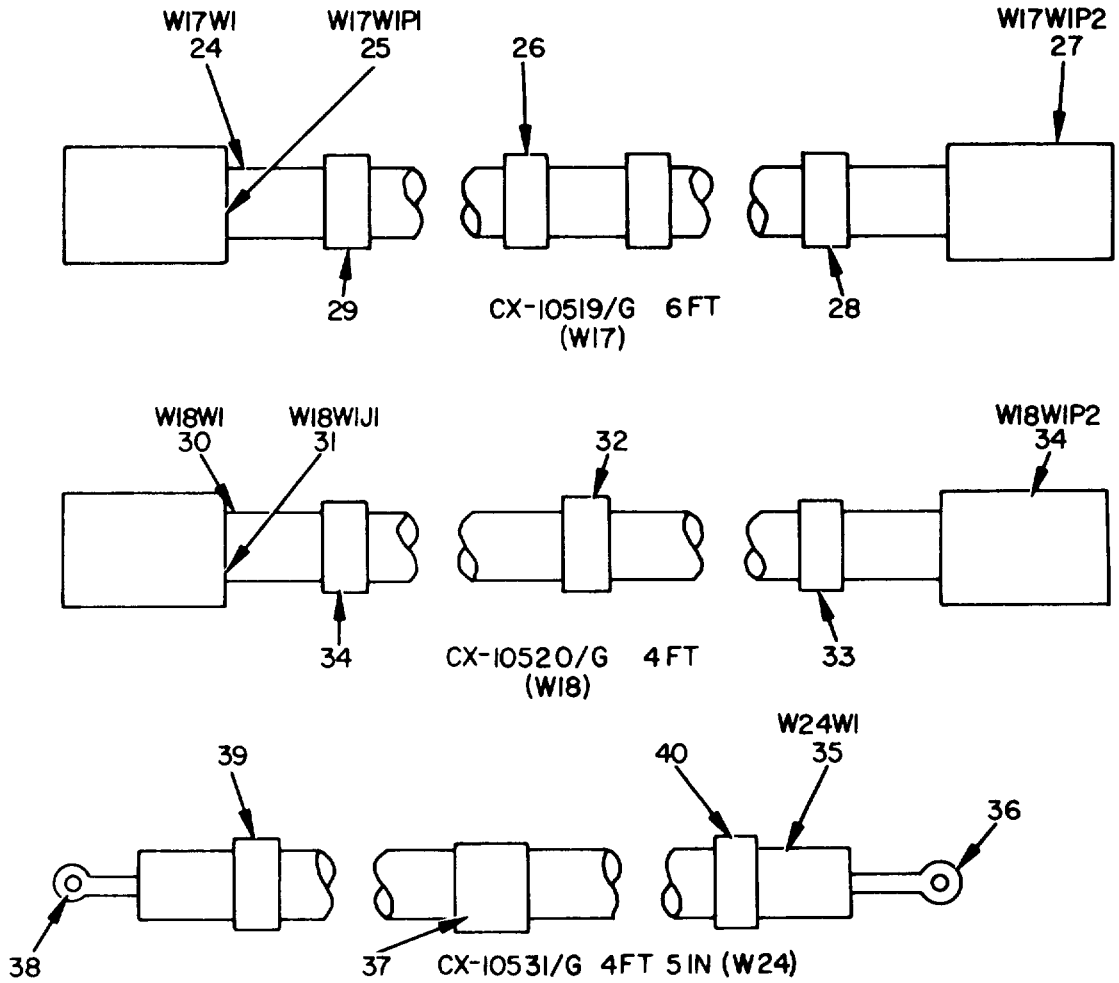
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(a)	(b)		NATIONAL		DESCRIPTION		QTY
FIG	ITEM	SMR	STOCK	PART			INC
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN
							U\M
							UNIT
16	1	PDOHH	5995-00-937-8626	CX10513G9FT6IN	80058	CABLE ASSEMBLY,SP	EA 1
16	7	PDOHH	5995-00-935-2545	CX10514G7FT6IN	80058	CABLE ASSEMBLY,SP	EA 1
16	13	PDOHH	5995-00-251-9105	CX10514G6FT9IN	80058	CABLE ASSEMBLY,SP	EA 1
16	19	PDOHH	5995-00-937-8627	CX10514G9FT	80058	CABLE ASSEMBLY,SP	EA 1
16	25	PDOHH	5995-00-937-8460	CX10515G6FT	80058	CABLE ASSEMBLY,SP	EA 1
16	36	PDOHH	5995-00-935-0396	CX10515G7FT	80058	CABLE ASSEMBLY,SP	EA 1



NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH AIWI

EL2EF064

Figure 17. Cable Assemblies, A1W1W13, A1W1W14, A1W1W15, A1W1W17, A1W1W18 and A1W1W24 (Sheet 1 of 2).



NOTE: FOR COMPLETE REFERENCE
DESIGNATION PREFIX WITH AIWI

EL2EF065

Figure 17. Cable Assemblies, A1W1W13, A1W1W14, A1W1W15, A1W1W17, A1W1W18 and A1W1W24 (Sheet 2 of 2).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(a)	(b)		NATIONAL		DESCRIPTION		QTY
FIG	ITEM	SMR	STOCK	PART			INC
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN
							U\M
							UNIT
17	1	PDOHH	5995-00-937-8461	CX10516G4FT	80058	CABLE ASSEMBLY,SP	EA 1
17	7	PDOHH	5995-00-937-8467	CX10517G4FT	80058	CABLE ASSEMBLY,SP	EA 1
17	13	PDOHH	5995-00-937-8462	CX10518G6FT	80058	CABLE ASSEMBLY,SP	EA 1
17	24	PDOHH	5995-00-937-8463	CX10519G6FT	80058	CABLE ASSEMBLY,SP	EA 1
17	30	PDOHH	5995-00-937-8464	CX10520G4FT	80058	CABLE ASSEMBLY,SP	EA 1
17	35	PDOHH	5995-00-789-3622	CX10531G4FT5IN	80058	CABLE ASSEMBLY,SP	EA 1

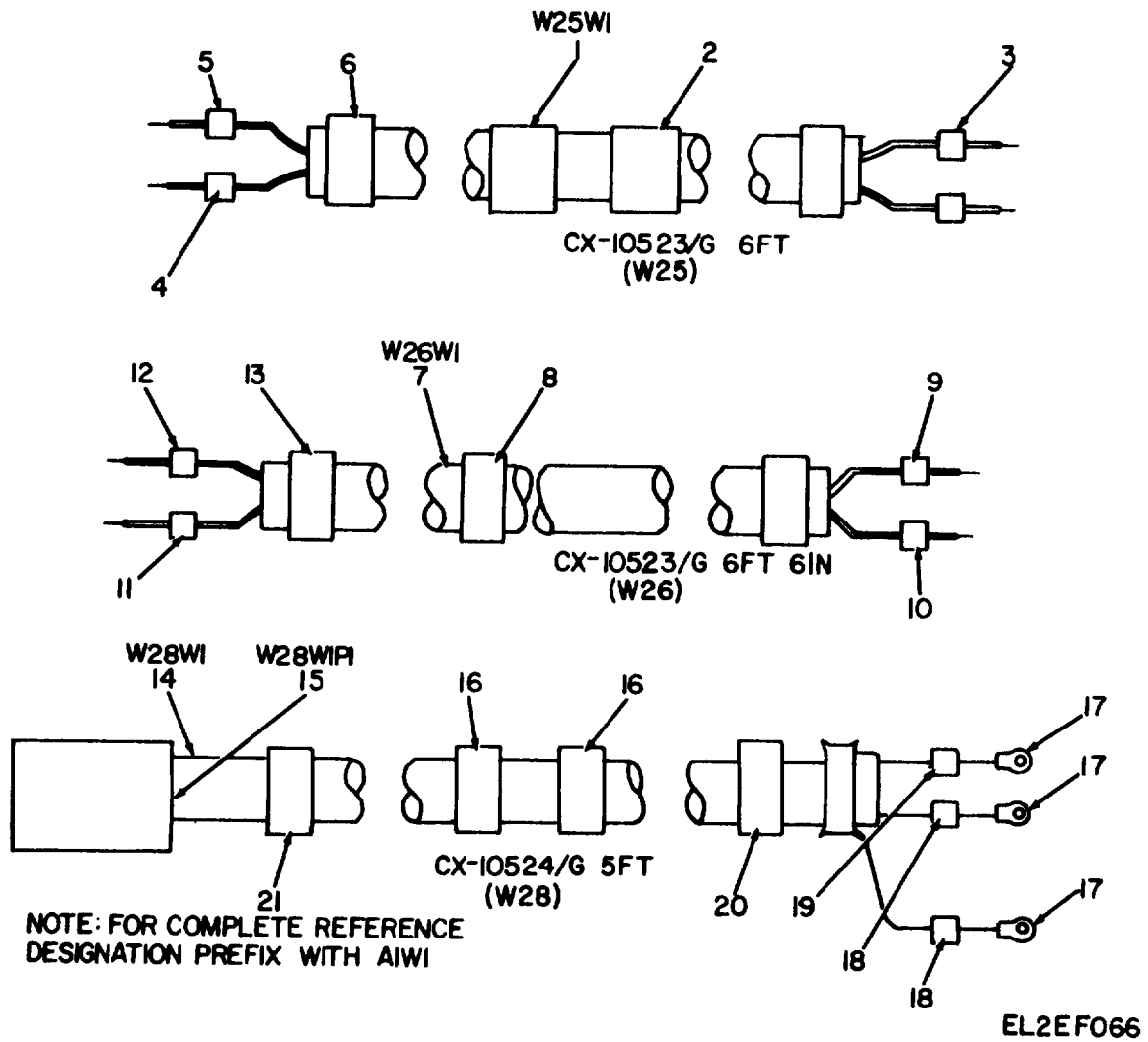


Figure 18. Cable Assemblies, A1W1W25, A1W1W26, A1W1W28, A1W1W30, A1W1W31 and A1W1W32 (Sheet 1 of 2).

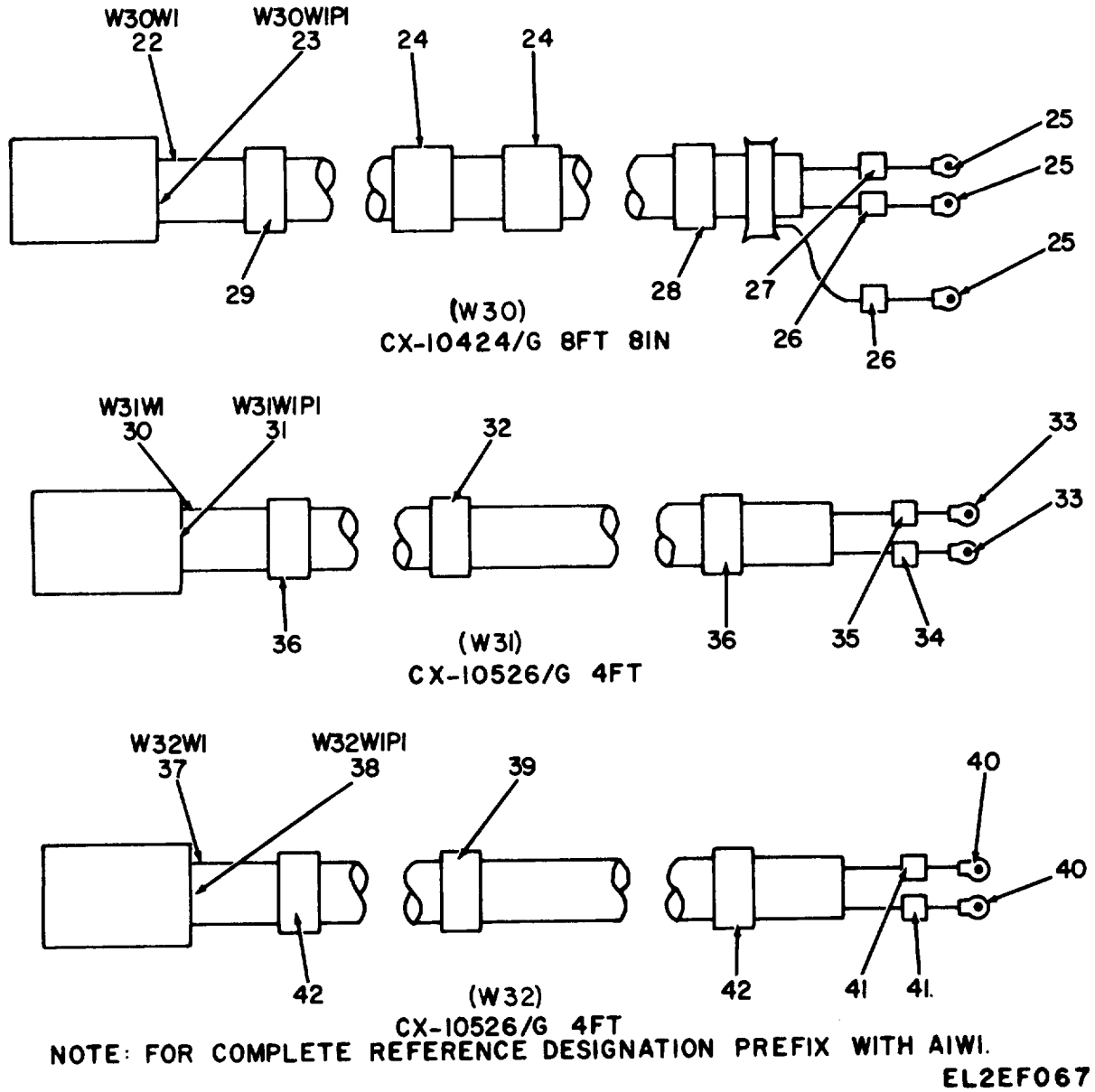
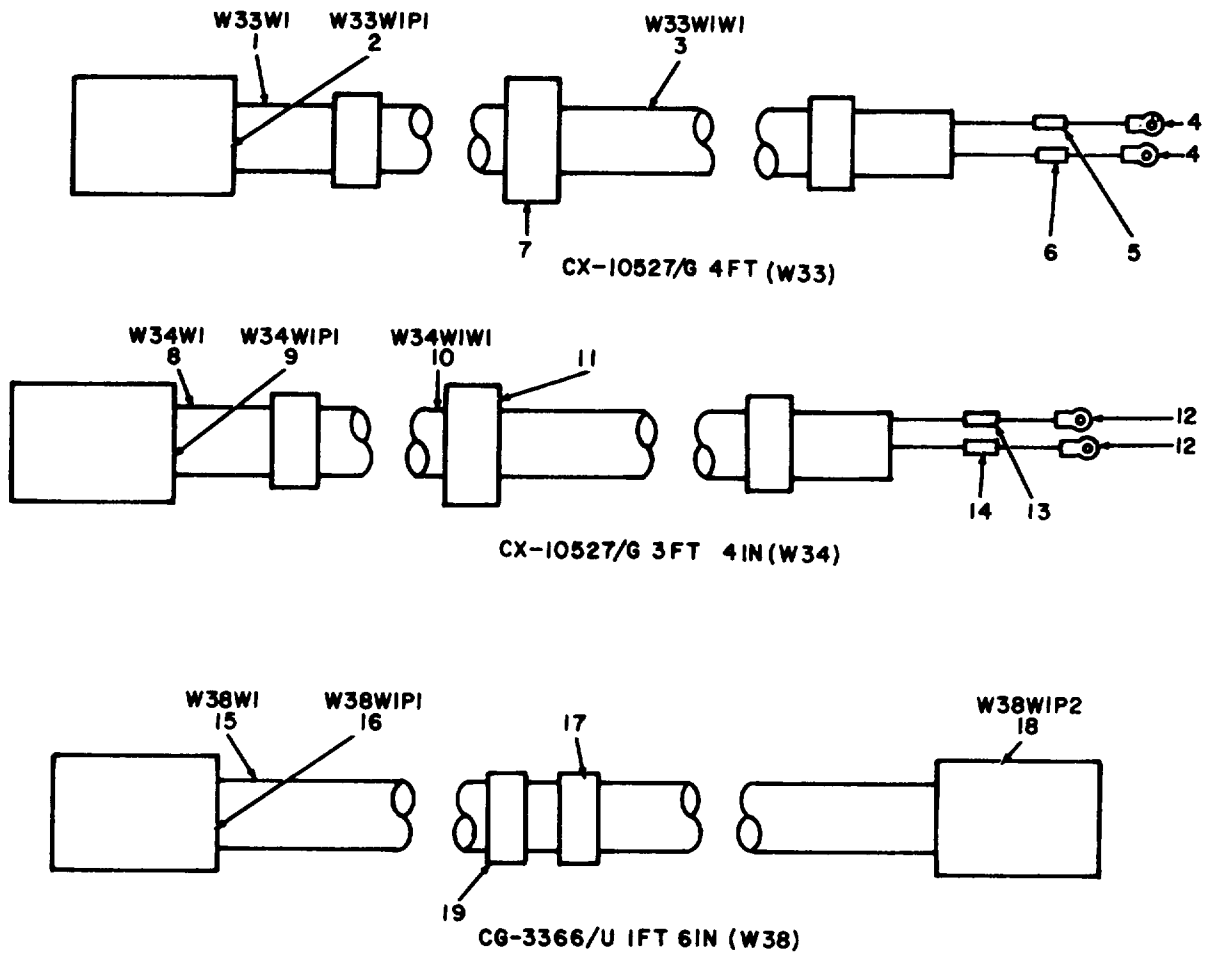


Figure 18. Cable Assemblies, A1W1W25, A1W1W26, A1W1W28, A1W1W30, A1W1W31 and A1W1W32 (Sheet 2 of 2).

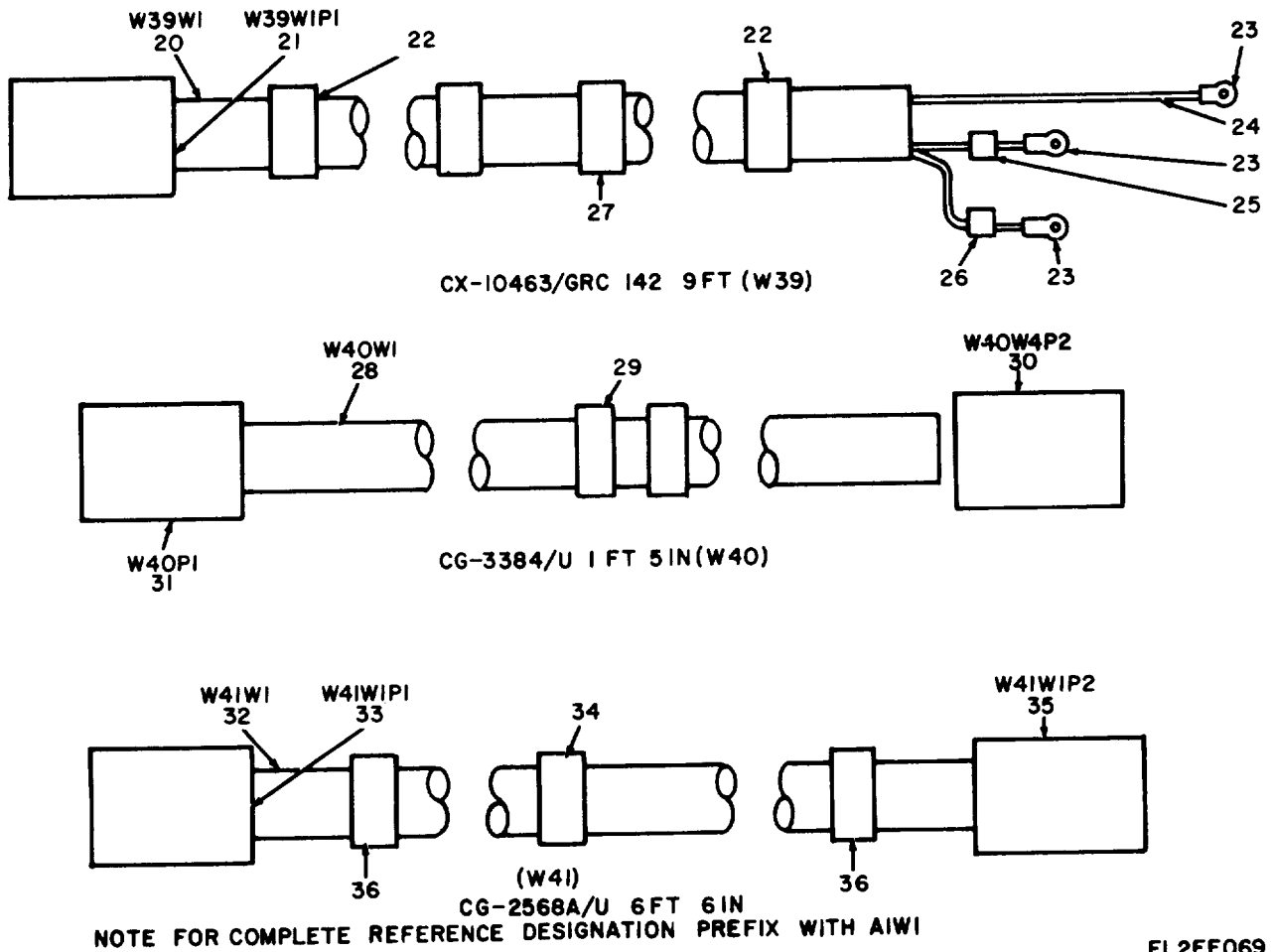
(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U\M	(8) QTY INC IN UNIT
18	1	PDOHH	5995-00-937-8048	CX10523G6FT	80058	CABLE ASSEMBLY,SP		EA	1
18	7	PDOHH	5995-00-494-9602	CX10523G6FT6IN	80058	CABLE ASSEMBLY,SP		EA	1
18	14	PHOHH	5995-00-453-9427	CX10524G5FT	80058	CABLE ASSEMBLY,SP		EA	1
18	22	PHOHH	5995-00-937-8843	CX10524G8FT8IN	80058	CABLE ASSEMBLY,SP		EA	1
18	30	PHOHH	5995-00-937-8631	CX10526G3FT	80058	CABLE ASSEMBLY,SP		EA	1
18	37	PDOHH	5995-00-453-9429	CX10526G4FT	80058	CABLE ASSEMBLY,SP	AJY. 3G7	EA	1



EL2EF068

NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH AIWI

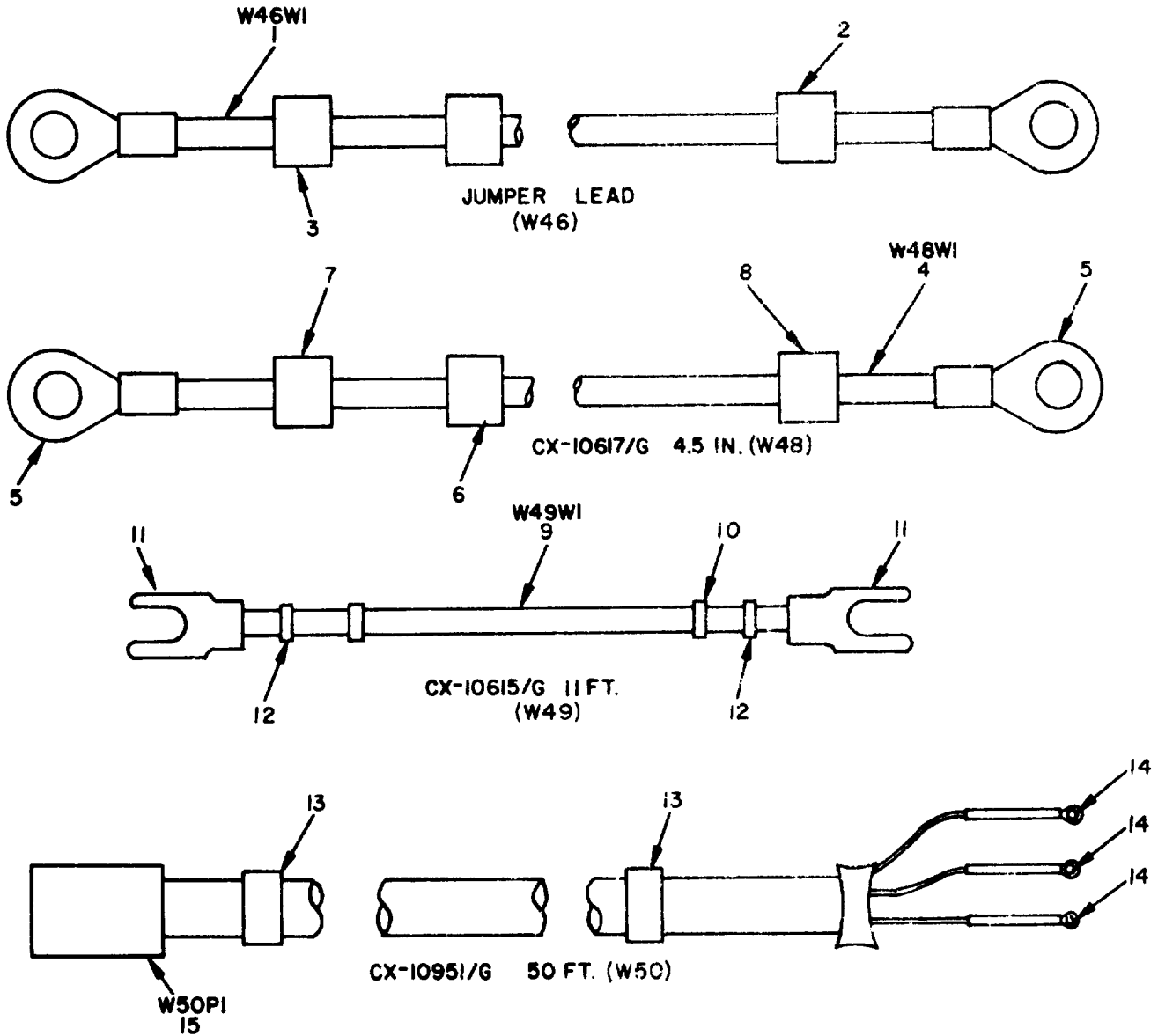
Figure 19. Cable Assemblies, A1W1W33, A1W1W34, A1W1W38, A1W1W39, A1W1W40 and A1W1W41 (Sheet 1 of 2).



EL2EF069

Figure 19. Cable Assemblies, A1W1W33, A1W1W34, A1W1W38, A1W1W39, A1W1W40 and A1W1W41 (Sheet 2 of 2).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(a)	(b)		NATIONAL		DESCRIPTION		QTY
FIG	ITEM	SMR	STOCK	PART			INC
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN
							U\M
							UNIT
19	1	PDOHH	5995-00-485-7526	CX10527G4FT	80058	CABLE ASSEMBLY,SP	EA 1
19	3	PAOHH	5995-00-985-7793	SCDL500409	80063	CABLE ASSY,CX-10071/U	EA 1
19	8	PDOHH	5995-00-935-0398	CX10527G3FT4IN	80058	CABLE ASSEMBLY,SP	EA 1
19	10	PAOHH	5995-00-985-7793	SCDL500409	80063	CABLE ASSY,CX-10071/U	EA 1
19	15	PDOHH	5995-00-937-8458	CG3366U1FT6IN	80058	CABLE ASSEMBLY,RF	EA 1
19	20	PHOHH	6150-00-935-0257	CX10463GRC1429FT	80058	CABLE ASSEMBLY,POWER	EA 1
19	32	PDOHH	5995-00-494-8261	CG2568AG6FT6IN	80058	CABLE ASSEMBLY,RF	EA 1

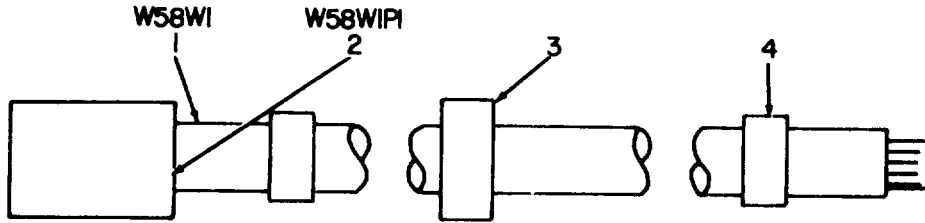


NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH A1W1

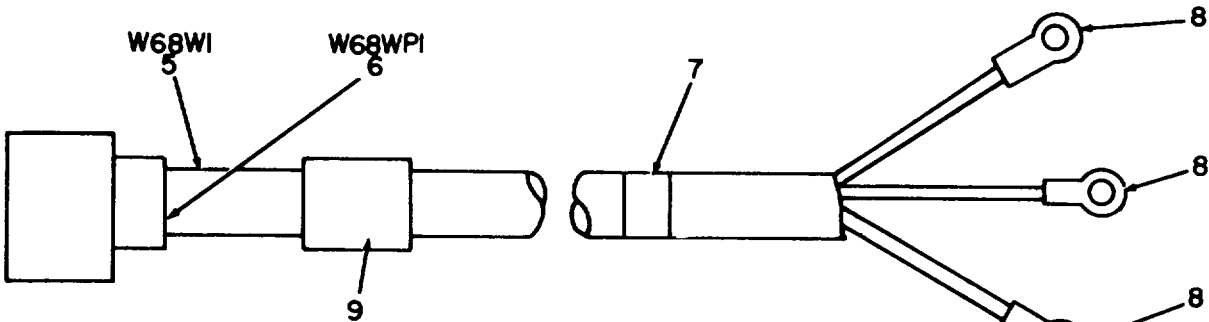
EL2EF070

Figure 20. Cable Assemblies, A1W1W46, A1W1W48, A1W1W49 and A1W1W50.

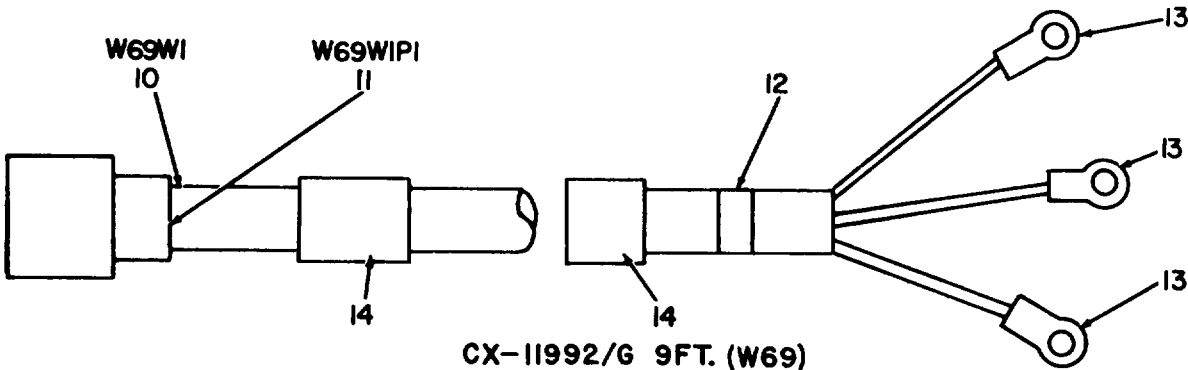
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION									
(a)	(b)		NATIONAL		DESCRIPTION		QTY		
FIG	ITEM	SMR	STOCK	PART			INC		
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN		
							U\M		
							UNIT		
20	1	XDOHH		SMC603143	80063	CABLE ASSEMBLY S/P ELECTRICAL	AJY, 3G7	EA	1
20	4	PAOHH	5995-00-935-2538	CX10617G4.5IN	80058	LEAD, ELECTRICAL		EA	1
20	9	PDOHH	5995-00-935-2536	CX10615G11PT	80058	LEAD, ELECTRICAL		EA	1



CX-11994/G 5FT. 8IN.
(W58)



CX-11992/G 5FT.
(W68)

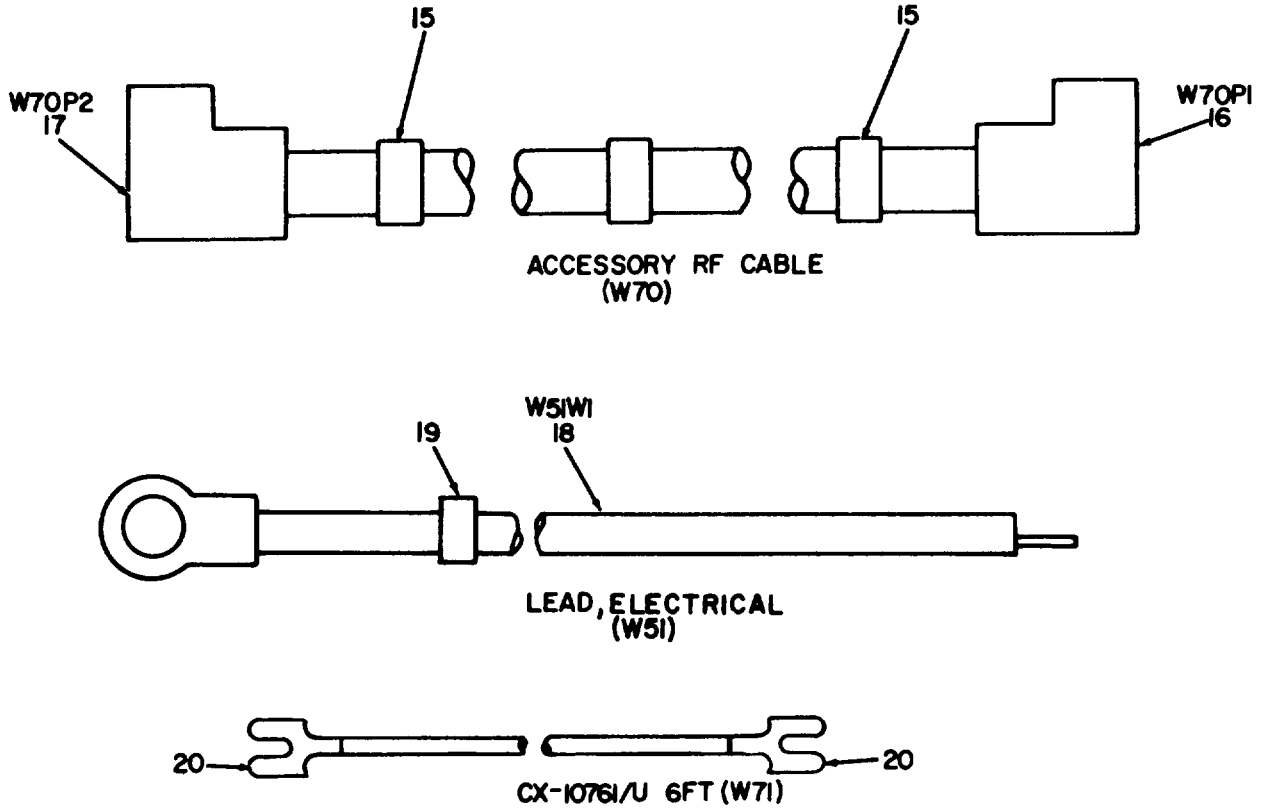


CX-11992/G 9FT. (W69)

EL2EF071

NOTE: FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH AIWI

Figure 21. Cable Assemblies, A1W1W58, A1W1W68, A1W1W69, A1W1W70, A1W1W51
A1W1W52 and A1W1W71 (Sheet 1 of 2).



**NOTE: FOR COMPLETE REFERENCE
DESIGNATION PREFIX WITH AWI**

EL2EF072

Figure 21. Cable Assemblies, A1W1W58, A1W1W68, A1W1W69, A1W1W70, A1W1W51, A1W1W52 and A1W1W71 (Sheet 2 of 2).

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U\M	(8) QTY INC IN UNIT
21	1	PAOHH	5995-00-246-4476	SMC613151	80063	CABLE ASSEMBLY, ELECTRICAL	AJY, 3G7	EA	1
21	5	PDOHH	5995-00-246-4478	CX11992G5FT	80058	CABLE ASSEMBLY, SP	AJY, 3G7	EA	1
21	10	PDOHH	5995-00-144-0048	CX11992G9FT	80058	CABLE ASSEMBLY, SP	AJY, 3G7	EA	1
21	18	PDOHH	5995-00-938-8649	CX10171U4FT	80058	LEAD, ELECTRICAL	AJY, 3G7	EA	1

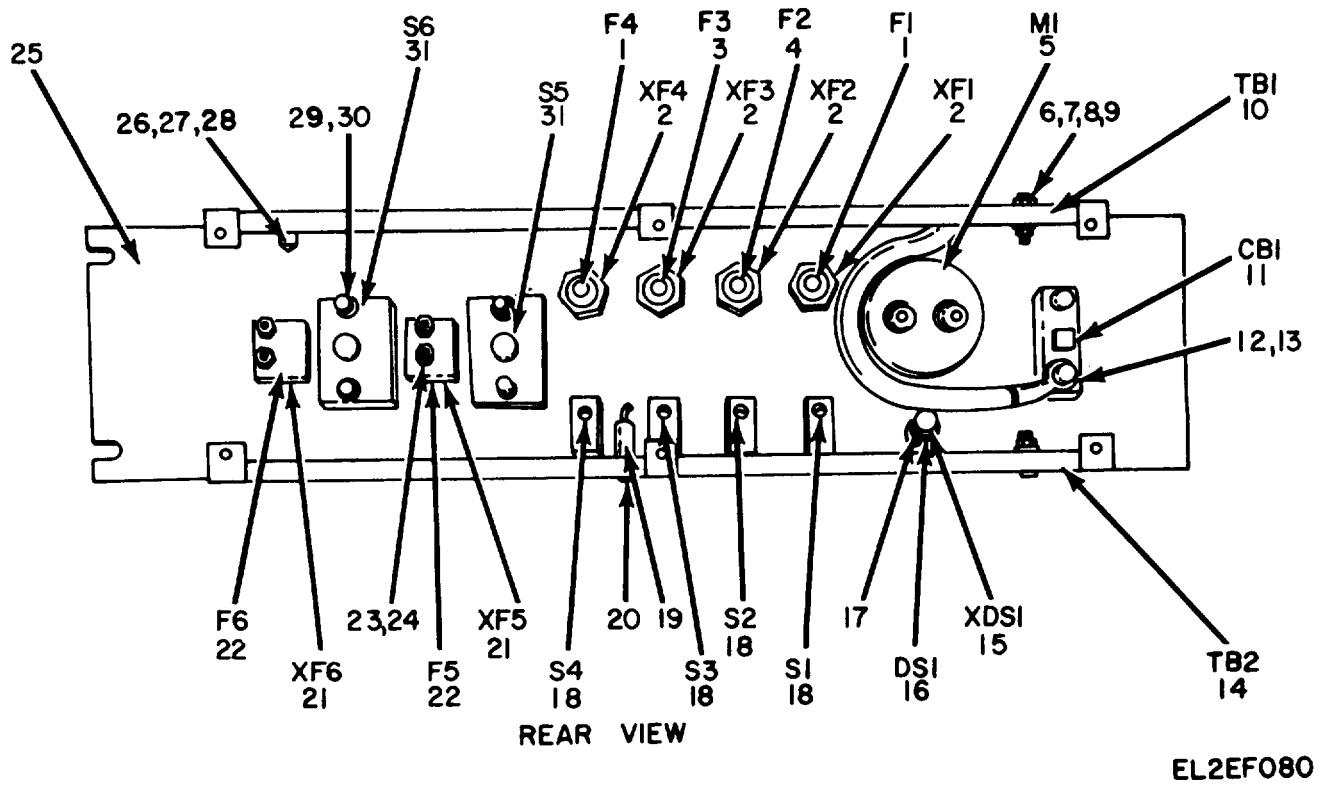
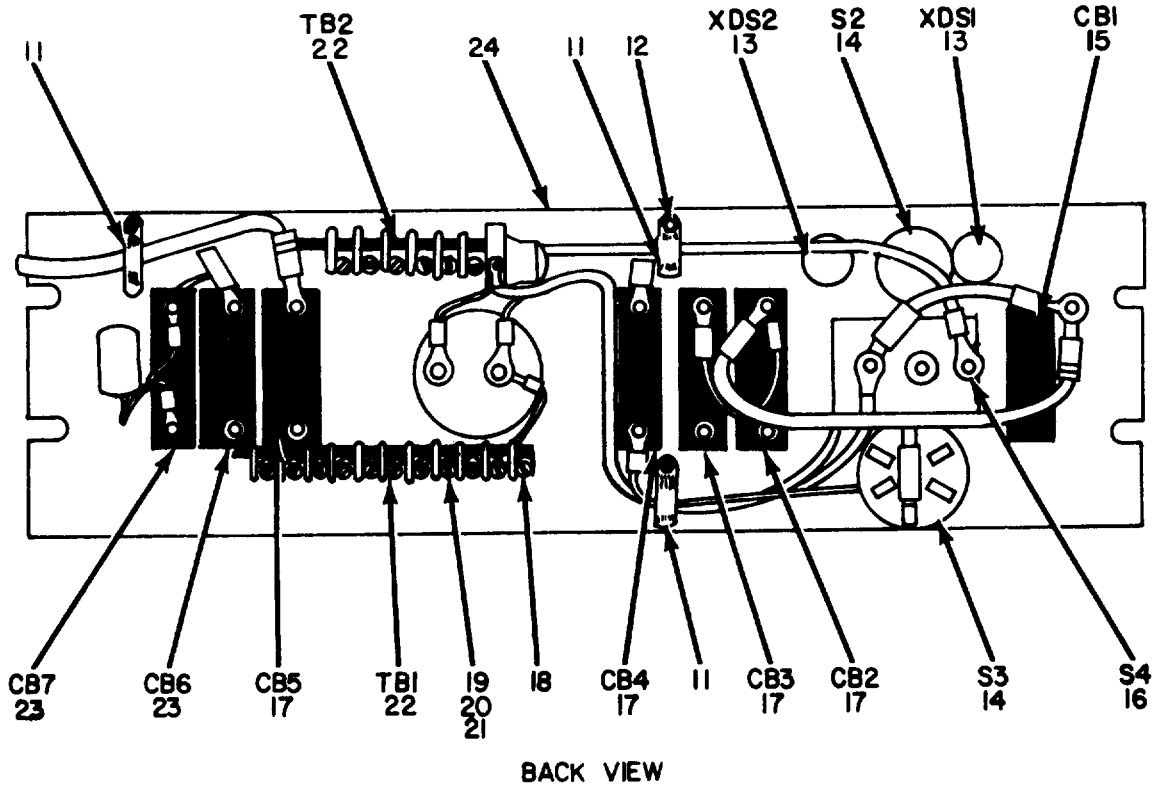
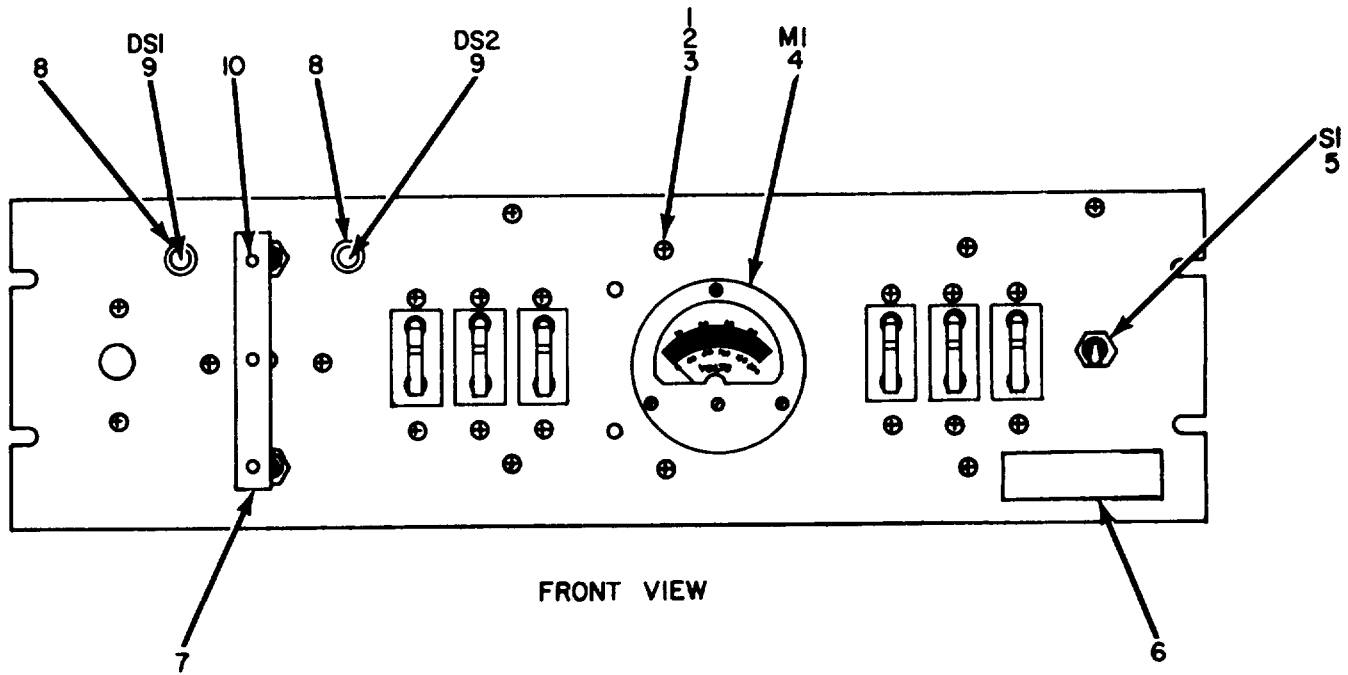


Figure 22. Power Distribution Panel SB-3018/GRC (AN/GRC-142/122 only).

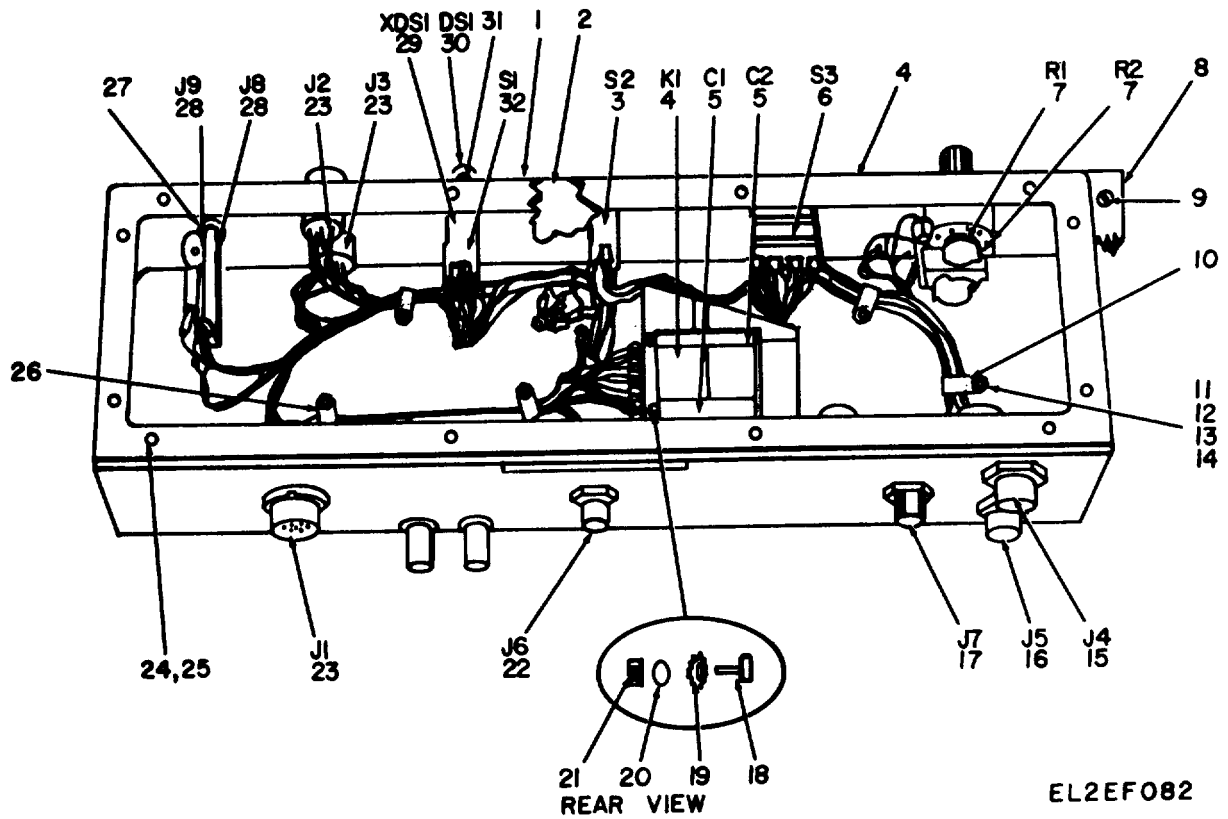
(1) ILLUSTRATION (a) FIG NO.	(2) (b) ITEM NO.	(3) SMR CODE	(4) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE	(7) U\M	(8) QTY INC IN UNIT
GROUP 18 POWER DISTRIBUTION PANEL									
SB-3018/GRC (AN/GRC-142/122 ONLY)									
22	1	PAOZZ	5920-00-851-9476	F02B32V5A	81349	FUSE,CARTRIDGE	3G5	EA	2
22	3	PAOZZ	5920-00-199-9498	F028250V1-2A	81349	FUSE,CARTRIDGE	3G5	EA	1
22	4	PAOZZ	5920-00-727-1452	F03B32V10A	81349	FUSE,CARTRIDGE	3G5	EA	1
22	16	PAOZZ	6240-00-155-7836	MS25237-327	96906	LAMP,INCANDESCENT	3G5	EA	1
22	17	PAOZZ	6210-00-410-2530	LC12RT	81349	LENS,PANEL LIGHT	3G5	EA	1
22	22	PAOZZ	5920-00-755-3656	F03B32V30A	81349	FUSE,CARTRIDGE	3G5	EA	2



EL2EF08I

Figure 23. Power Distribution Panel SE-3358/GRC (AN/GRC-142A, -122A, -142B, -122B Only).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION							QTY	
(a)	(b)	NATIONAL			DESCRIPTION		INC	
FIG	ITEM	SMR	STOCK	PART			IN	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	UNIT
					GROUP 19 POWER DISTRIBUTION PANEL			
					SB-3358/GRC (AN/GRC-145A, -142B,			
					-122A, -122B ONLY)			
23	8	PAOZZ	6210-00-410-2530	LC12RT	81349	LENS, INDICATOR	AJY, 3G7	EA 2
23	9	PAOZZ	6240-00-155-7836	MS25237-327	96906	LAMP, INCANDESC ENT	AJY, 3G7	EA 2



EL2EF082

Figure 24. Switch Assembly SA-1554/GRC-142 (AN/GRC-142, -122 Only).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(a)	(b)		NATIONAL		DESCRIPTION		QTY
FIG	ITEM	SMR	STOCK	PART			INC
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M
							UNIT
GROUP 20 SWITCH ASSEMBLY SA-1554/GRC-142							
(AN/GRC-142/122 ONLY)							
24	30	PAOZZ	6240-00-223-9100	NE51	49956	LAMP,GLOW	3G5 EA 1
24	31	PAOZZ	6210-00-753-2834	LC14RD	81349	LENS,PANEL LIGHT	3G5 EA 1

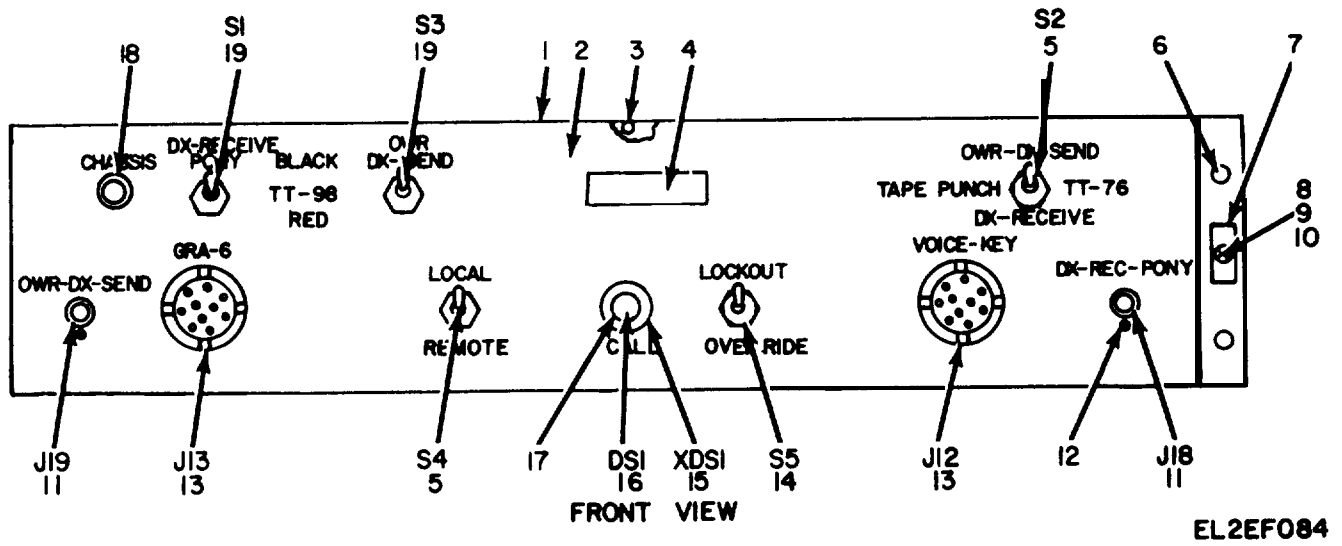


Figure 25. Switch Assembly SA-1650/GRC (AN/GRC-142A, -142B, -122A, -122B Only).

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION					DESCRIPTION		QTY	
(a)	(b)	NATIONAL					INC	
FIG	ITEM	SMR	STOCK	PART			IN	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	UNIT
					GROUP 22 SWITCH ASSEMBLY SA-1650/GRC			
					(AN/GRC-142A, -142B, -122A, -122B			
					ONLY)			
25	16	PAOZZ	6240-00-223-9100	NE51	49956 LAMP, GLOW	AJY, 3G7	EA 1	
25	17	PAOZZ	6210-00-753-2834	LC14RD	81349 LENS	AJY, 3G7	EA 1	

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX.

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5340-00-007-6040	9	29	6210-00-753-2834	25	17
5340-00-007-6040	11	27	5920-00-755-3656	22	22
5305-00-021-3620	1	17	5310-00-773-7618	5	9
5305-00-021-3620	2	13	5995-00-789-3622	17	35
5305-00-021-3740	5	12	5305-00-814-7395	1	32
5305-00-054-6655	2	28			
5305-00-054-6671	9	11	5920-00-851-9476	22	1
5305-00-059-3659	3	8	4520-00-878-9393	1	44
5305-00-059-3661	11	22	5815-00-879-6191	13	20
5305-00-059-3662	1	46	5320-00-882-8385	5	7
5820-00-078-4766	2	1	5310-00-889-2528	1	33
5820-00-078-4770	4	11	5985-00-892-0758	4	2
6110-00-089-7348	2	17	5975-00-906-2414	7	23
5985-00-115-7149	4	13	5815-00-919-4800	1	1
5995-00-144-0048	21	10	5815-00-919-4800	2	2
6240-00-155-7836	23	9	5340-00-921-3553	9	12
6240-00-155-8651	1	5	5310-00-925-9646	1	38
6240-00-155-8651	13	3	5815-00-926-7377	1	7
5995-00-177-4678	1	43	5815-00-926-7377	2	6
4520-00-177-6198	1	20	5310-00-929-6395	2	30
5985-00-199-8831	4	12	5815-00-930-6576	1	11
5920-00-199-9498	22	3	5985-00-930-7223	4	7
5305-00-207-2297	2	18	5310-00-933-8120	1	48
5305-00-207-8253	2	12	5310-00-933-8121	1	25
5815-00-220-5255	1	2	5310-00-933-8121	1	28
5820-00-223-7548	1	34	5310-00-933-8121	2	19
5820-00-223-7548	2	24	5820-00-935-0033	1	36
6240-00-223-9100	25	16	5820-00-935-0033	1	36
5975-00-224-5260	6	6	5820-00-935-0033	2	1
5965-00-226-2915	4	4	6150-00-935-0257	3	7
5985-00-238-7474	4	14	6150-00-935-0257	19	20
5965-00-243-6420	1	21	5995-00-935-0389	14	9
5965-00-243-6420	2	8	5995-00-935-0393	2	26
5995-00-246-4476	21	1	5995-00-935-0394	8	18
5995-00-246-4478	21	5	5995-00-935-0396	8	11
5995-00-248-4426	15	38	5995-00-935-0396	12	14
			5995-00-935-0396	16	36
			5995-00-935-2513	14	10
5995-00-251-9105	16	13	5995-00-935-2536	12	7
5995-00-251-9177	15	20	5995-00-935-2536	20	9
			5995-00-935-2537	12	9
6210-00-410-2530	22	17	5995-00-935-2538	8	20
6210-00-410-2530	23	8	5995-00-935-2538	20	4
5995-00-421-7437	8	25	5995-00-935-2539	14	7
7110-00-438-4659	5	3	5995-00-935-2542	8	16
5995-00-453-9427	18	14	5995-00-935-2542	14	19
5995-00-453-9428	15	1	5995-00-935-5236	3	6
5995-00-453-9429	18	37	4520-00-935-9355	1	44
5995-00-453-9433	15	49	5930-00-937-5352	2	22
5995-00-485-7526	19	1	8345-00-937-5532	4	6
			5815-00-937-5973	4	5
5995-00-494-8260	1	50	5815-00-937-6113	2	23
5995-00-494-8261	19	32	6110-00-937-6439	2	4
5995-00-494-9602	18	7	5820-00-937-7690	1	14
5975-00-497-2158	1	40	5820-00-937-7690	2	15
5805-00-503-3395	4	1	5995-00-937-8048	12	10
5805-00-543-0012	1	15	5995-00-937-8048	18	1
5805-00-543-0012	2	10	5995-00-937-8458	19	15
5815-00-553-6061	1	30	5995-00-937-8460	12	15
5310-00-582-5677	1	23	5995-00-937-8460	16	25
5310-00-582-5677	1	29	5995-00-937-8461	12	11
5310-00-582-5677	7	26	5995-00-937-8461	17	1
5310-00-595-6772	2	35	5995-00-937-8462	12	4
5305-00-616-6370	1	26	5995-00-937-8462	17	13
6125-00-617-1435	1	16	5995-00-937-8463	12	21
6125-00-617-1435	2	11	5995-00-937-8463	17	24
5305-00-632-2777	5	8	5995-00-937-8464	12	1
5310-00-638-9857	10	94	5995-00-937-8464	17	30
5965-00-644-0333	4	3	5995-00-937-8467	12	12
5820-00-644-4554	3	11	5995-00-937-8467	17	7
4520-00-649-7571	1	44	5995-00-937-8621	14	16
6625-00-682-4464	1	45	5995-00-937-8621	15	10
6625-00-682-4464	2	25	5995-00-937-8627	8	10
5305-00-702-4523	1	18	5995-00-937-8627	4	21
5305-00-702-4523	1	22	5995-00-937-8627	16	19
5310-00-722-5998	1	37	5995-00-937-8631	2	3
5920-00-727-1452	22	4	5995-00-937-8631	12	2
5310-00-727-5223	1	24	5995-00-937-8631	18	30
5310-00-727-5223	1	27	5995-00-937-8841	14	3
6210-00-753-2834	24	31	5995-00-937-8842	14	13

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5995-00-937-8843	12	3	5310-00-989-5956	5	11
5995-00-937-8843	18	22	5815-00-999-3048	1	31
5310-00-984-7042	5	10	5815-00-999-3048	2	20
5995-00-985-7793	19	3	5815-00-999-5277	1	1
5995-00-985-7793	19	10	5815-00-999-5277	2	2
5305-00-988-7834	7	27	5815-01-017-9172	2	9
5310-00-989-0908	2	36			

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AB652GR	80058	4	11	CX10529U	80058	13	22
AD66H	07707	5	7	CX10530G	80058	14	5
ANGRA50	80058	4	2	CX10530G4-10	80058	14	11
ANGRA6	80058	3	11	CX10531G4FT5IN	80058	12	6
ANGRC106A	80058	1	34	CX10531G4FT5IN	80058	17	35
ANGRC106A	80058	2	24	CX10532G	80058	14	8
				CX10533G15FT8IN	80058	14	2
AN960C6L	88044	10	94	CX10534G16FT8IN	80058	13	31
CG2340AU9FT	80058	14	9	CX10614G	80058	14	10
CG2568AG6FT6IN	80058	19	32	CX10615G	80058	12	7
CG2568AU5FT6IN	80058	2	32	CX10615G11FT	80058	20	9
CG3366U1FT6IN	80058	12	20	CX10616G	80058	12	9
CG3366U1FT6IN	80058	19	15	CX10617G4.5IN	80058	12	16
CG3384U	80058	2	26	CX10617G4.5IN	80058	20	4
CX10171U	80058	12	19	CX10618G	80058	14	7
CX10171U4FT	80058	21	18	CX10760U	80058	14	12
CX10463GRC1429FT	80058	19	20	CX10761U6FT	80058	12	13
CX10507G4FT5IN	80058	14	14	CX11992G5FT	80058	21	5
CX10507G9FT	80058	15	1	CX11992G9FT	80058	21	10
CX10508G6FT	80058	14	16	C7279GRC142	80058	4	5
CX10508G6FT	80058	15	10	FR2-3-4-11848	99539	3	10
CX10509G12FT3IN	80058	14	17	F02B250V1-2A	81349	22	3
CX10509G12FT3IN	80058	15	20	F02B32V5A	81349	22	1
CX10510G11FT7IN	80058	14	18	F03B32V10A	81349	22	4
CX10511G5FT11IN	80058	14	23	F03B32V30A	81349	22	22
CX10512G10FT	80058	15	49	GDE4001	00652	5	4
CX10512G5FT6IN	80058	14	15	H33PT	80058	4	3
CX10513G7FT6IN	80058	14	20	J2728GRC142	80058	2	6
CX10513G9FT6IN	80058	14	22	J2776GRC142	80058	2	17
CX10514G6FT9IN	80058	14	19	LC12RT	81349	22	17
CX10514G6FT9IN	80058	16	13	LC12RT	81349	23	8
CX10514G9FT	80058	16	19	LC14RD	81349	24	34
CX10515G	80058	12	14	LC14RD	81349	25	17
CX10515G6FT	80058	12	15	LS166U	80058	1	21
CX10515G6FT	80058	16	25	LS166U	80058	2	8
CX10515G7FT	80058	16	36	MC1283A	80063	6	5
				MD522AGRC	80058	1	1
CX10516G4FT	80058	12	11	MD522AGRC	80058	2	2
CX10516G4FT	80058	17	1	MD522GRC	80058	1	1
CX10517G4FT	80058	12	12	MD522GRC	80058	2	2
CX10517G4FT	80058	17	7	ME165G	80058	2	25
CX10518G6FT	80058	12	4	ME165PARENGRC	80058	1	45
CX10518G6FT	80058	17	13	MH15B3C1	46522	1	44
CX10519G6FT	80058	12	21	MH15B3C1	46522	2	31
CX10519G6FT	80058	17	24	MILH52641	81349	1	20
CX10520G4FT	80058	12	1				
CX10520G4FT	80058	17	30	MS116A	80063	4	12
CX10521G10FT4IN	80058	14	1	MS117A	80063	4	13
CX10522G6FT	80058	14	3	MS118A	80063	4	14
CX10523G	80058	14	6	MS15586-7	96906	1	5
CX10523G6FT	80058	12	10	MS15586-7	96906	13	3
CX10523G6FT	80058	18	1	MS15795-805	96906	1	37
CX10523G6FT6IN	80058	12	8	MS15795-808	96906	1	47
CX10523G6FT6IN	80058	18	7	MS15795-808	96906	2	14
CX10524G10FT	80558	12	3	MS15795-808	96906	2	35
CX10524G5FT	80058	8	14	MS15795-808	96906	3	9
CX10524G8FT8IN	80058	12	5	MS15795-810	96906	1	23
CX10524G8FT8IN	80058	18	22	MS15795-810	96906	1	29
CX10525G8FT	80058	14	13	MS15795-810	96906	7	26
CX10526G3FT	80058	2	3	MS15795-814	96906	5	9
CX10526G3FT	80058	12	2	MS16228-1	96906	1	24
CX10526G3FT	80058	18	30	MS16228-1	96906	1	27
CX10526G4FT	80058	18	37	MS16995-53	96906	7	27
CX10527G3FT11IN	80058	12	17	MS17821-1-9	96906	1	40
CX10527G3FT4IN	80058	12	18	MS21083C06	96906	1	38
CX10527G3FT4IN	80058	19	8	MS25237-327	96906	22	16
CX10527G4FT	80058	19	1	MS25237-327	96906	23	9
CX10528G	80058	14	4	MS27130-14	96906	9	10

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
MS27130-20	96906	11	21	SMC603102	80063	8	15
MS35307-306	96906	1	18	SMC603103	80063	1	12
MS35307-306	96906	1	22	SMC603104	80063	1	13
MS35307-307	96906	1	17	SMC603105	80063	8	17
MS35307-307	96906	2	13				
MS35307-308	96906	2	12	SMC603107	80063	8	19
MS35307-312	96906	2	18	SMC603108	80063	8	18
MS35307-313	96906	1	26	SMC603109	80063	8	16
MS35307-358	96906	5	8	SMC603110	80063	8	10
MS35307-364	96906	5	12	SMC603111	80063	8	9
MS35308-314	96906	1	32	SMC603112	80063	8	11
MS35338-136	96906	2	30	SMC603113	80063	8	30
MS35338-138	96906	1	48	SMC603114	80063	8	29
MS35338-139	96906	1	25	SMC603115	80063	8	12
MS35338-139	96906	1	28	SMC603117	80063	8	24
MS35338-139	96906	2	19	SMC603118	80063	8	28
MS35338-141	96906	5	10	SMC603124	80063	8	3
MS35650-304	96906	2	23	SMC603125	80063	6	8
MS35691-19	96906	5	11				
MS35691-3	96906	2	36	SMC603130	80063	8	6
MS45904-68	96906	1	33	SMC603131-2	80063	8	1
MS51957-31	96906	2	28	SMC603132-2	80063	1	6
MS51957-46	96906	9	11	SMC603138	80063	1	35
MS51958-63	96906	3	8	SMC603139	80063	3	7
MS51958-65	96906	11	22	SMC603141-2	80063	1	49
MS51958-66	96906	1	46	SMC603143	80063	20	1
M1	36800	6	1	SMC603147	80063	13	23
NAS620C6L	38044	2	29	SMC603382	80063	4	6
NE51	49956	24	30	SMC603404	80063	10	34
NE51	49956	25	16	SMC603698-10	80063	11	23
PP4763GRC	80058	2	15	SMC603698-3	80063	9	6
PP4763GRC	80058	1	14	SMC603698-8	80063	9	9
PU724G	80058	1	16	SMC603698-9	80063	9	13
PU724G	80058	2	11	SMC603731	80063	8	25
P698-447	79553	10	93	SMC613119	80063	5	5
RT662GRC	80058	2	1	SMC613147	80063	8	4
RT834GRC	80058	1	36	SMC613149	80063	8	26
RT834GRC	80058	2	1	SMC613151	80063	21	1
SA1554GRC142	80058	2	23	SMC613152	80063	3	5
SA1555GRC142	80058	2	22	SMC613155	80063	8	13
SB3018GRC142	80058	2	4	SMC613156	80063	8	27
SC-C-446046	80063	4	7	SMC613165	80063	8	2
				SMC613166	80063	8	5
				SMC613220	80063	7	25
				SMC613229	80063	3	1
				SMC613236	80063	8	14
SCB781180	80063	3	12	SMC613238	80063	1	3
SCDL45824	80063	4	1	SMC613284	80063	1	50
SCDL500409	80063	19	3	SMC613334	80063	8	21
SCDL500409	80063	19	10				
SCDL500445	80063	4	4				
SCDL502715	80063	1	36	SMD602952	80063	2	5
SCDL603317	80063	1	7	SMD602956	80063	13	20
SCDL613210	80063	1	2	SMD613000-2	80063	4	9
SCDL613212	80063	1	4	SMD613126	80063	5	2
				SMD613130	80063	5	1
SCDL613235	96906	1	9	SSC2	06383	7	23
SCDL613365-1FT	80063	1	43	TA312PT	80058	1	15
SCDL14158	80063	6	6	TA312PT	80058	2	10
SCD446049	80063	1	11	TT-722/TG	80058	2	9
SCD781188GR1	80063	1	41	TT523AGRC	80058	2	20
				TT523GRC	80058	2	20
SMB523238-4	80063	7	25	TT523PARENGRC	80058	1	31
SMB583238-3	80063	9	12	TT722AFG	80058	1	10
SMB583238-5	80063	9	29	TT722ATG	80058	2	9
SMB583238-5	80063	11	27	TT722FG	80058	1	10
SMB603148	80063	8	20	TT76AGGC	80058	2	21
SMB603214	80063	4	10	TT76GRC	80058	1	30
SMB603572	80063	1	42	TT76GRC	80058	2	21
SMB603572	80063	2	37	UH488	92878	1	44
SMB613099	80063	1	19	2123	24503	5	3
SMB613125	80063	5	6	930DC	73507	10	92
SMC603101-2	80063	8	23				

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5310-00-054-0041	2	29	5820-00-937-5530	6	1
5995-00-089-4497	13	23	5995-00-937-8458	12	20
5995-00-089-7799	12	13	5995-00-937-8613	13	31
5995-00-138-8649	21	18	5995-00-937-8614	12	17
6240-00-155-7836	22	16	5995-00-937-8615	14	8
5965-00-163-9947	4	3	5995-00-937-8616	12	6
5305-00-207-8253	2	7	5995-00-937-8617	14	2
7240-00-222-3088	6	5	5995-00-937-8620	14	14
6240-00-223-9100	21	30	5995-00-937-8622	14	17
6110-00-228-8570	1	8	5995-00-937-8623	14	18
7530-00-281-2694	4	10	5995-00-937-8624	14	23
5995-00-494-9602	12	8	5995-00-937-8625	8	22
5815-00-503-2760	2	21	5995-00-937-8625	14	15
5815-00-503-2764	1	10	5995-00-937-8626	14	22
5815-00-503-2764	2	9	5995-00-937-8626	15	29
5815-00-553-6061	2	21	5995-00-937-8626	16	1
5210-00-555-8837	3	10	5995-00-937-8628	14	1
5310-00-619-1148	1	47	5995-00-937-8833	14	11
5310-00-619-1148	2	14	5995-00-937-8834	13	22
5310-00-619-1148	3	9	5995-00-937-8834	14	4
7530-00-634-6237	4	9	5995-00-937-8843	8	7
4520-00-649-7571	2	31	5995-00-937-8844	12	5
5310-00-934-9765	2	33	6645-00-950-8599	1	39
5995-00-935-0248	2	32	6645-00-950-8599	2	27
5995-00-935-0397	14	5	5995-00-985-8014	12	19
5995-00-935-0398	12	18	5320-01-008-8204	5	4
5995-00-935-0398	19	8	5310-01-009-9785	11	21
5995-00-935-2521	14	6	5310-01-009-9786	9	10
5995-00-935-2538	12	16	4520-01-010-4059	2	31
5995-00-935-2545	14	20	5815-01-017-9172	1	10
5995-00-935-2545	16	7			

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
A13A1	81349	1	39	CX10951G50FT	80058	3	6
A13A1	81349	2	27	MILH52204	81349	1	44
CX10510G11FT7IN	80058	15	29	MILH52204	81349	2	31
CX10511G5FT11IN	80058	15	39	MS35307-308	96906	2	7
CX10512G5-6	80058	8	22	SB3358GRC	80058	1	8
CX10513G9FT6IN	80058	16	1	SMD350209	80063	4	8
CX10514G7FT6IN	80058	16	7	TT988FG	80058	1	10
CX10514G9FT	80058	14	21	TT988FG	80058	2	9
CX10524G10FT	80058	8	7				

ADDITIONAL LATEST NATIONAL STOCK NUMBER ASSIGNMENT

STOCK NUMBER	FIG. NO.	ITEM NO.
5310-00-933-8120	2	34

ADDITIONAL LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AN/UGC-74A(V)3	80058	8A	6
MS35338-138	96906	2	34
SC-D-960025-002	80063	8A	8
SC-D-960027-003	80063	8A	12
SC-D-960624-005	80063	8A	10
SC-D-960625-009	80063	8A	14

By Order of the Secretary of the Army:

Official:

J. C. PENNINGTON
Brigadier General, United States Army
The Adjutant General

BERNARD W. ROGERS
General, United States Army
Chief of Staff

Distribution:

To be distributed in accordance with DA Form 12-51, Organizational Maintenance requirements for AN/GRC-122 and AN/GRC-142

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



SOMETHING WRONG WITH THIS MANUAL?

THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM, TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

Commander
Stateside Army Depot
ATTN: AMSTA-US
Stateside, N.J. 07703

DATE 10 July 1975

PUBLICATION NUMBER

TM 11-5840-340-12

DATE

23 Jan 74

TITLE

Radar Set AN/PSC-76

BE EXACT...PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
2-25	2-28		
3-10	3-3		3-1
5-6	5-8		
		FO3	

Recommend that the installation antenna alignment procedure be changed through to specify a 2° IFF antenna lag rather than 1°.

REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 25 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.

Item 5, Function column. Change "2 db" to "3db."

REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator.

Add new step f.1 to read, "Replace cover plate removed in step e.1, above."

REASON: To replace the cover plate.

Zone C 3. On J1-2, change "+24 VDC to "+5 VDC."

REASON: This is the output line of the 5 VDC power supply. + 24 VDC is the input voltage.

TEAR ALONG DOTTED LINE

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SSG I. M. DeSpirito 999-1776

SIGN HERE:

SSG I. M. DeSpirito

DA FORM 2028-2 (TEST)

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR MANUAL "FIND" MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

HISA 1686-75

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

Commander
US Army Electronics Command
ATTN: DRSEL-MA-Q
Fort Monmouth, New Jersey 07703

FOLD BACK

TEAR ALONG DOTTED LINE

THE METRIC SYSTEM AND EQUIVALENTS

WEIGHT MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches
 1 Kilometer = 1000 Meters = 0.621 Miles

WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces
 1 Kilogram = 1000 Grams = 2.2 lb.
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

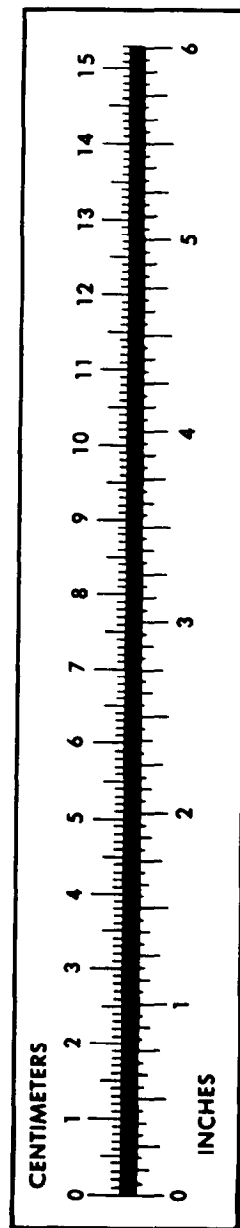
TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$
 212° Fahrenheit is equivalent to 100° Celsius
 90° Fahrenheit is equivalent to 32.2° Celsius
 32° Fahrenheit is equivalent to 0° Celsius
 $9/5^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
its	Liters	0.473
arts	Liters	0.946
allons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
ometers per Liter	Miles per Gallon	2.354
ometers per Hour	Miles per Hour	0.621



PIN: 033657-001