

TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)**

FOR

**RADIO SET AN/SRC-6A
(NSN 5820-00-532-3979)**

**HEADQUARTERS, DEPARTMENT OF THE ARMY
JUNE 1977**

TECHNICAL MANUAL

No. 11-5820-364-34P-2

**HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 30 June 1977**

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FOR
RADIO SET AN/SRC-6A
(NSN 5820-00-532-3979)
Current as of 4 March 1977**

REPORTING OF ERRORS

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***This manual supersedes so much of TM 11-5820-364-35-2, 19 May 1969, as pertains to repair parts and special tools lists.**

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 direct support and general support maintenance of the AN/SRC-6A. It authorizes the requisitioning and issue of spares and repairs 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 alphabetic 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, **Main**tenance, 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:

<i>Code</i>	<i>Definition</i>
PA	Item procured and stocked for anticipated or known usage.

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

<i>Code</i>	<i>Application/Explanation</i>
C	Crew or operator maintenance performed within organization maintenance.
O	Support item is removed, replaced, used at the organizational level.
F	Support item is removed, replaced, used at the direct support 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:

<i>Code</i>	<i>Application/Explanation</i>
O	The lowest maintenance level capable of complete repair of the support item is the organizational 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:

<i>Recoverability codes</i>	<i>Definition</i>
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
O	Reparable item. When uneconomically reparable, condemn and dispose at organizational 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 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 708-42 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

The following publications pertain to the AN/SRC-6A

and its components:

- TM 11-5820-364-12-2, Radio Set AN/SRC-6A**
- TM 11-5820-364-20P-2, Radio Set AN/SRC-6A**
- TM 11-5820-364-35-2, Radio Set AN/SRC-6A**

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.

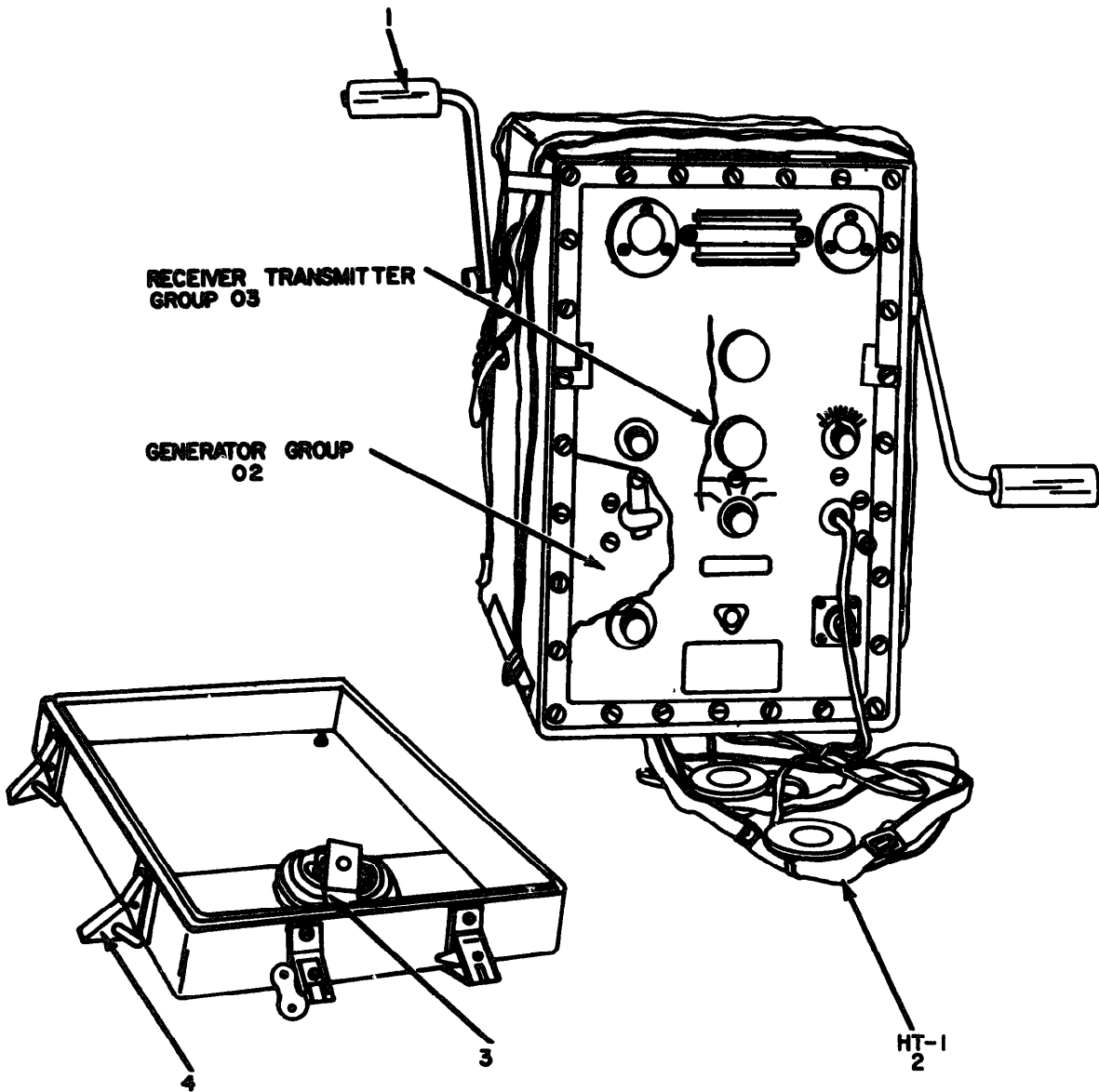
(1) *First*. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphabetic sequence, cross-referenced to the illustration figure number and item number.

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

6. Abbreviations

Not applicable.

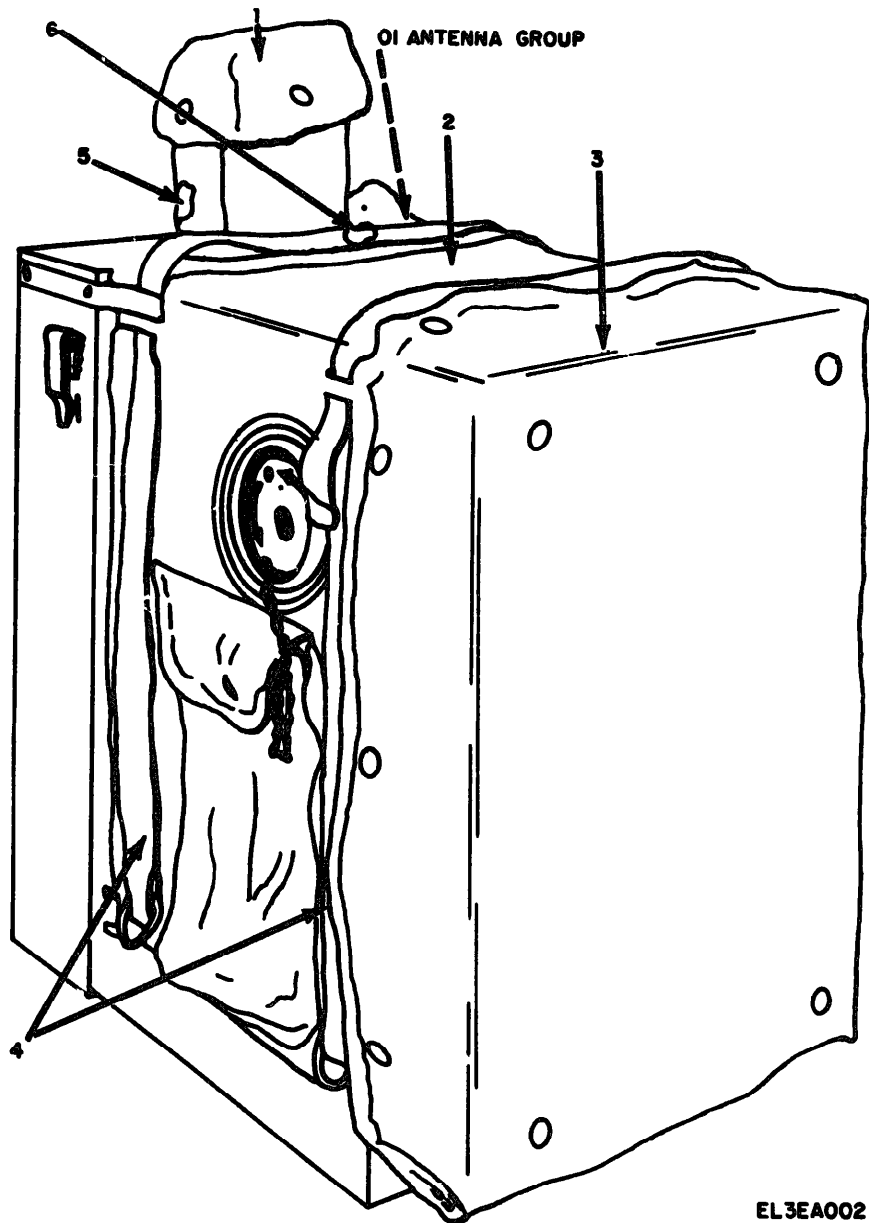
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Figure 1. Radio Set AN/SRC-6A, Cover Removed.

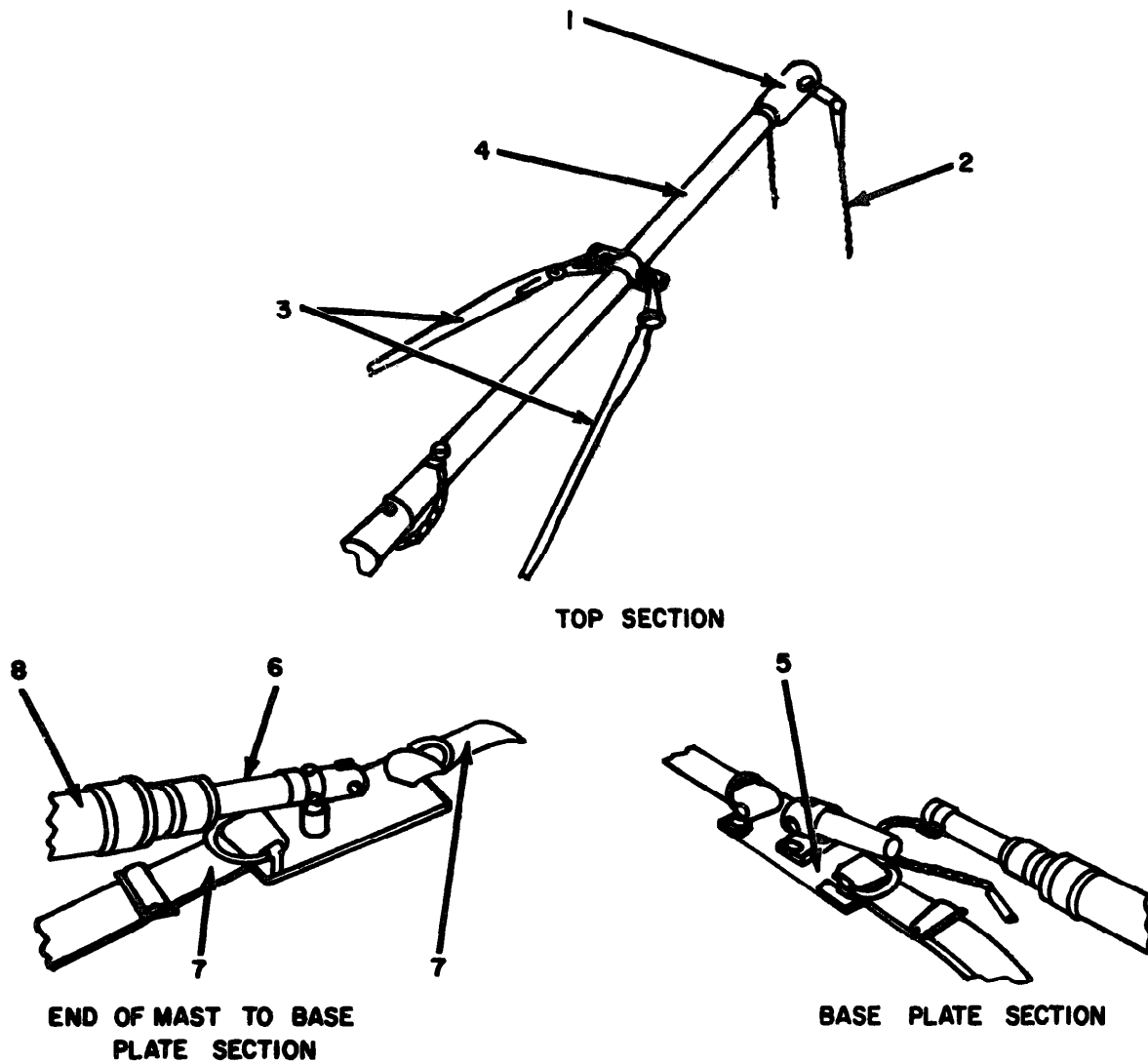
(1) ILLUSTRATION		(2) QDN CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) PSCN	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT	
1	1	PA0ZZ	6115-00-854-0319	GROUP 00 RADIO SET AN/SRC-6A					
1	2	HDCZZ		W4194-12A	82692	CRANK ASSEMBLY, HAND	EA	2	
1	3	HBOZZ		K4161-1	82692	HEADSET, ELECTRICAL	EA	1	
1	4	XDFZZ		W4012-1A	82692	LEAD, ELECTRICAL	EA	1	
				34 LINE-LOCK-N/NO1 0M0LES	90490	PASTER	EA	8	



EL3EA002

Figure 2 Radio Set AN/SRC-6A Cover Enclosed

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	S&M CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
						U/TABLE ON CODE		
2	1	XDOZZ		H4393-2A	82692	BAG, SIGNAL EQUIPMENT	EA	1
2	2	XDOZZ		H4391-12A	82692	BAG, SIGNAL EQUIPMENT	EA	1
2	3	PAOZZ	5820-00-219-7171	H4392-12A	82692	COVER, BAG	EA	1
2	4	PAFZZ	8465-00-634-5187	H4394-1A	82692	STRAP, CANVAS BAG	EA	2
2	5	PACOO	5985-00-537-4438	NR107T	82693	DUMMY ANTENNA GROUP	EA	1
2	6	XDFZZ		H4176-1A	82692	HOLDER	EA	1



EL3EA003

Figure 3. Antenna Group.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	L/M	QTY INC IN UNIT
GROUP 01 ANTENNA GROUP								
3	1	XDOZZ		M4113-1B	82692	INSULATOR, FEEDTHRU	EA	1
3	2	PAOZZ	5975-00-521-7360	M4369-2A	82692	GUY	EA	1
3	3	PAOZZ	5820-00-537-3776	M4368-2A	82692	GUY	EA	2
3	4	XDOZZ		M4308-2A	82692	MAST SECTION	EA	1
3	5	XDOZZ		M4302-12A	82692	MAST BASE	EA	1
3	6	XDOZZ		M4193-2A	82692	MAST SECTION	EA	2
3	7	XDOZZ		M4395-1A	82692	STRAP, CANVAS BAG	EA	2
3	8	XDOZZ		M4303-2A	82692	MAST SECTION	EA	1

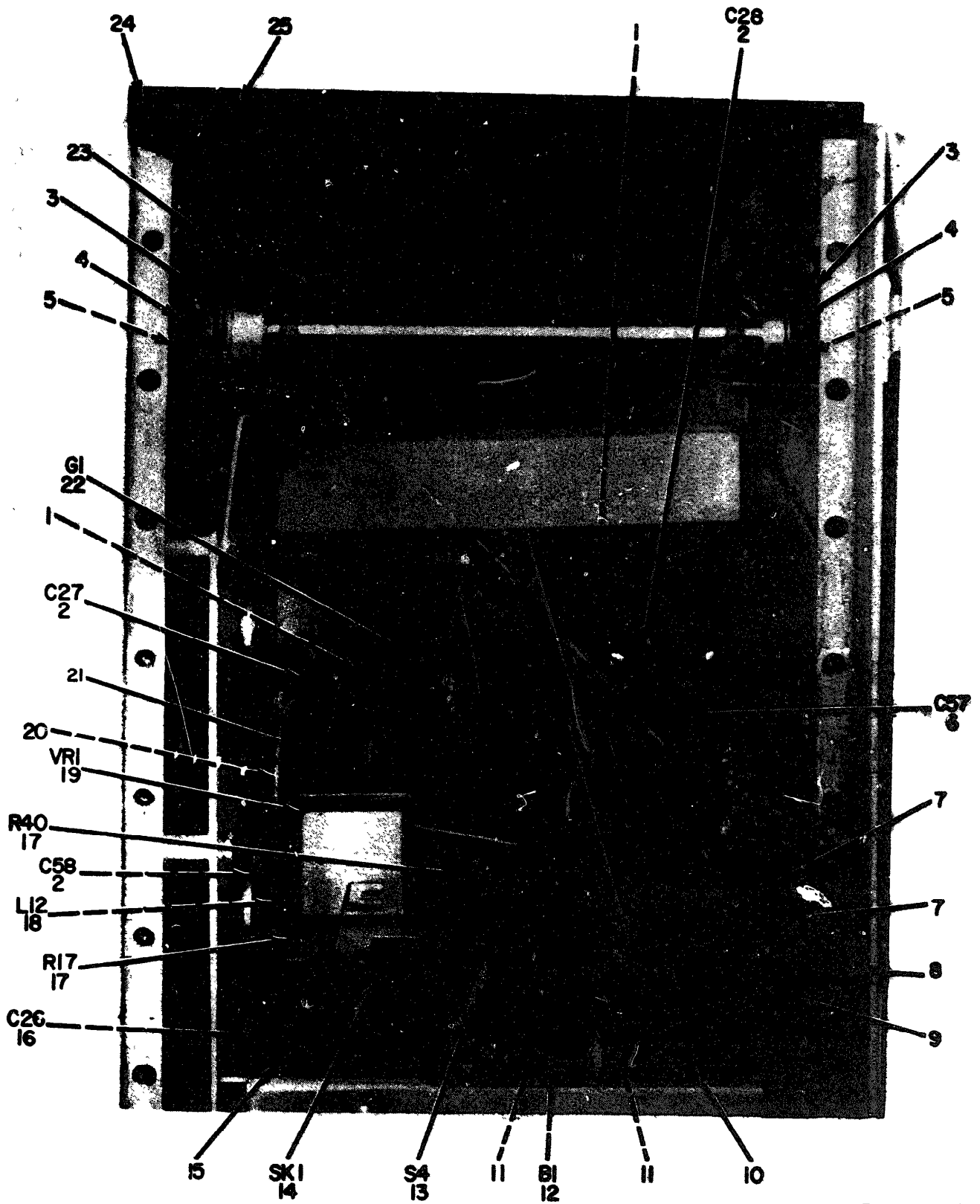


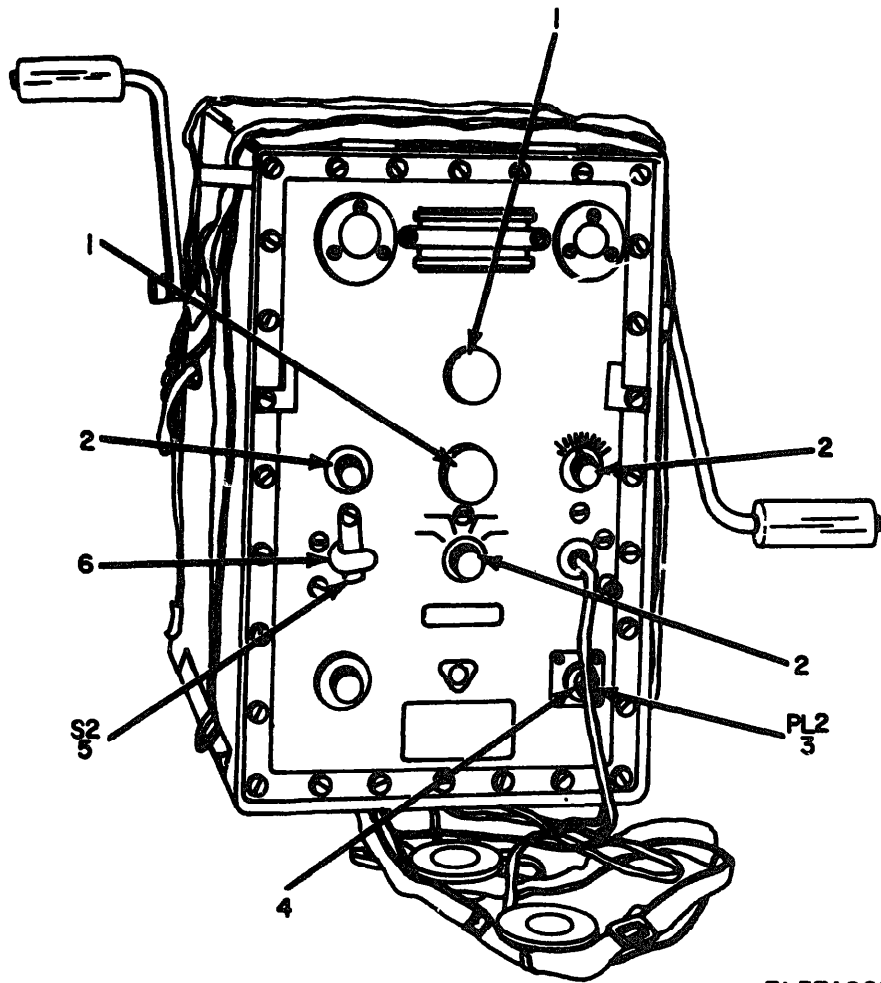
Figure 4. Generator Group

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SECTION II

TM 11-5820-364-34P-2

(1) ILLUSTRATION		(2)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
GROUP 02 GENERATOR GROUP							
4	1	XDFZZ	SCD99877-95	80063	BRUSH,ELECTRICAL CONTACT		EA 2
4	2	PAFZZ	811-103X	72982	CAPACITOR,FIXED,CERAMIC		EA 3
4	3	XDFZZ	S0864283	01401	GASKET		EA 2
4	4	PAFZZ	5330-00-514-5026	63X91	73680	SEAL,PLAIN ENCASED	EA 2
4	5	PAFZZ	3110-00-155-8448	77R10	43334	BEARING,BALL,ANNULAR	EA 2
4	6	PAFZZ	5910-00-556-1745	SRE	00656	CAPACITOR,FIXED,ELECTROLYTIC	EA 1
4	7	XDFZZ	A11642	49675	SPRING		EA 2
4	8	XDFZZ	M4341-12	82692	DISK,KEYER		EA 1
4	9	XDFZZ	M4112-1B	82692	BAR,ACTUATOR,ELECTRICAL SWITCH		EA 1
4	10	XDFZZ	M4337-12B	82692	DISK,KEYER		EA 1
4	11	XDFZZ	SCD99877-96	80063	BRUSH,ELECTRICAL CONTACT		EA 2
4	12	PAFZZ	6105-00-669-6422	ND83-2RPN	27780	MOTOR,DIRECT CURRENT	EA 1
4	13	XDFZZ	M4315-1	82692	SWITCH,SENSITIVE		EA 1
4	14	PAFZZ	5935-00-149-2888	1CP0005-8	82181	CONNECTOR,RECEPTACLE,ELECTRICAL	EA 1
4	15	XDFZZ	M4336-1A	82692	SCREW,MACHINE		EA 20
4	16	PAFZZ	5910-00-129-6260	CP5381EF105K	81349	CAPACITOR,FIXED,PAPER	EA 1
4	17	PAFZZ	5905-00-884-1130	43	12697	RESISTOR,VARIABLE	EA 2
4	18	PAFZZ	5950-00-645-0296	C50527-15	07866	COIL,RADIO FREQUENCY	EA 1
4	19	PAFZZ	6110-00-239-9056	SCB61131	80063	REGULATOR,VOLTAGE	EA 1
4	20	XDFZZ	M4328-1A	82692	WASHER,NONMETALLIC		EA 1
4	21	XDFZZ	M4344-1A	82692	GEAR,SPUR		EA 1
4	22	XDFZZ	M4311-124A	82692	GENERATOR,DIRECT CURRENT		EA 1
4	23	PAFZZ	3020-00-545-7529	M4342-1B	82692	GEAR,SPUR	EA 1
4	24	XDFZZ	M418342A	82692	GASKET		EA 1
4	25	XDFZZ	M4191-2A	82692	GASKET		EA 1



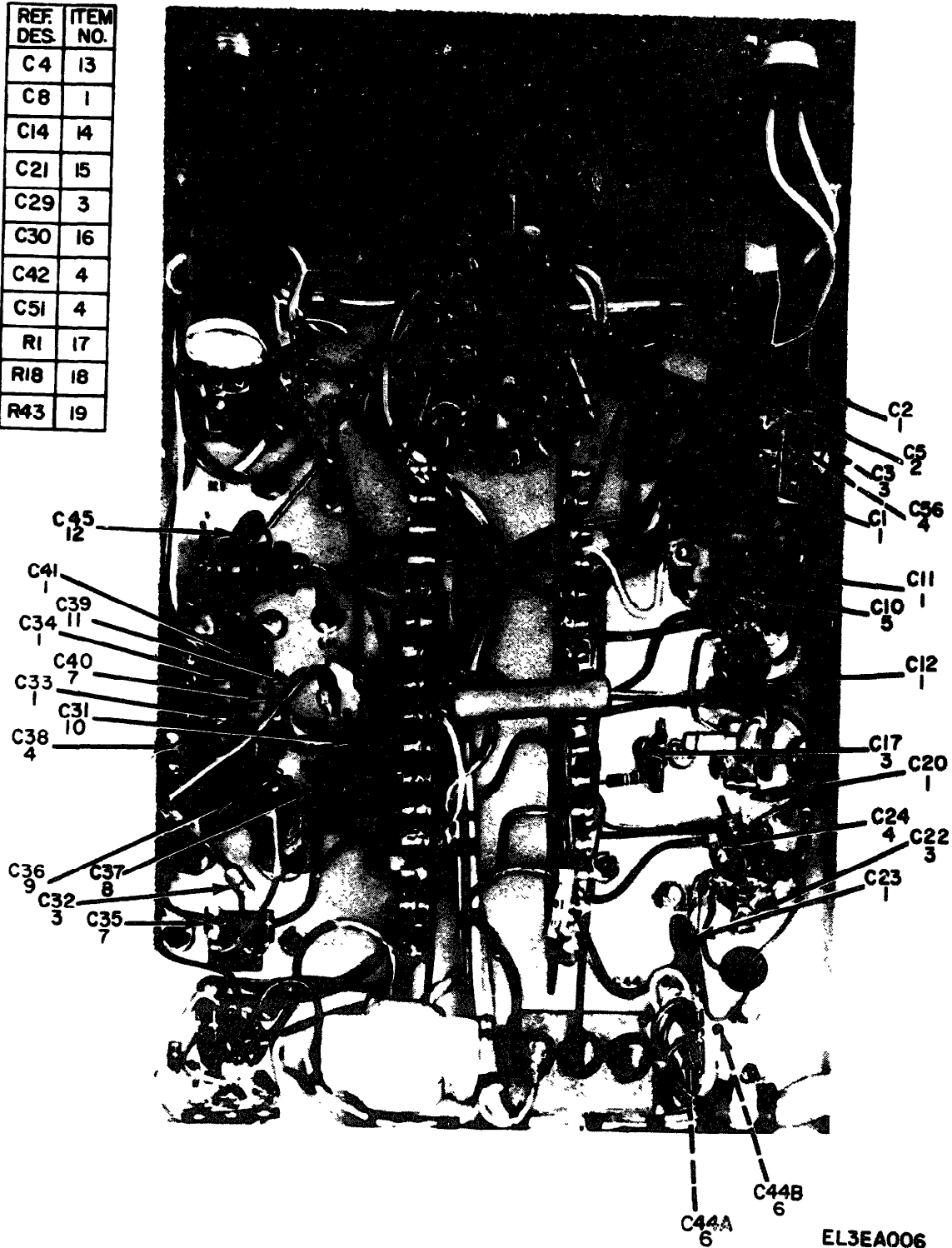
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Figure 5. Receiver Transmitter Group, Front View

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SNR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
							U/M	QTY INC IN UNIT
GROUP 03 RECEIVER TRANSMITTER GROUP								
5	1	PAQZZ	5355-00-619-3837	125-1-26	49956	KNOB	EA	2
5	2	PAQZZ	5355-00-680-1357	1591520-1F2D	80063	KNOB	EA	3
5	3	XDFZZ		WB102C16-11P	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
5	4	PAPZZ	5935-00-137-4671	1529043-16C	02660	COVER, ELECTRICAL CONNECTOR	EA	1
5	5	PAPZZ	5930-00-296-5822	HD5-5P	60411	SWITCH, PUSH	EA	1
5	6	PAPZZ	5999-00-502-6091	14334-1A	82602	CONTACT, ELECTRICAL	EA	1

TABLE OF COMPONENTS LISTED BUT NOT SHOWN

REF DES	ITEM NO.
C4	13
C8	1
C14	14
C21	15
C29	3
C30	16
C42	4
C51	4
R1	17
R18	18
R43	19



EL3EA006

Figure 6. Receiver Transmitter Group, Bottom View, Electrical Parts Location.

SECTION II

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(1) ILLUSTRATION		(2) SNR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) USABLE ON CODE	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.						U/M	
6	1	PAFZZ	5910-00-581-8570	811-103K	72982	CAPACITOR, FIXED, CERAMIC	EA	10
6	2	XDFZZ		CK308681K	81349	CAPACITOR, FIXED, NICA	EA	1
6	3	PAFZZ	5910-00-667-6174	GP1-331-100	72982	CAPACITOR, FIXED, CERAMIC	EA	5
6	4	PAFZZ	5910-00-648-8018	GP2-331-1000U FRONTIOPCT	72982	CAPACITOR, FIXED, CERAMIC	EA	5
6	5	XDFZZ		CP25A1EC104H	81349	CAPACITOR, FIXED, PAPER	EA	1
6	6	PAFZZ	5910-00-112-7158	CP53B4FF254V1	81349	CAPACITOR, FIXED, PAPER	EA	1
6	7	PAFZZ	5910-00-539-6253	GP1-331	72982	CAPACITOR, FIXED, CERAMIC	EA	2
6	8	PAFZZ	5910-00-068-3683	CK358662K	81349	CAPACITOR, FIXED, NICA	EA	1
6	9	PAFZZ	5910-00-901-6512	CR20FD102FD3	81349	CAPACITOR, FIXED, NICA	EA	1
6	10	XDFZZ		CR208271K	81349	CAPACITOR, FIXED, NICA	EA	1
6	11	PAFZZ	5910-00-252-0792	APC25	80583	CAPACITOR, VARIABLE, AIR	EA	1
6	12	PAFZZ	5910-00-280-5913	6T1505GMC	81349	CAPACITOR, FIXED, CERAMIC	EA	1
6	13	XDFZZ		SR5T2	14655	CAPACITOR, FIXED, NICA	EA	1
6	14	PAFZZ	5910-00-667-6614	GA4	78488	CAPACITOR, FIXED, CERAMIC	EA	1
6	15	PAFZZ	5910-00-190-9522	SCC62532-7	80063	CAPACITOR, FIXED, NICA	EA	1
6	16	PAFZZ	5910-00-666-8122	NPO-331-33	72982	CAPACITOR, FIXED, CERAMIC	EA	1
6	17	PAFZZ	5905-00-104-8339	RCR208824JS	81349	RESISTOR, FIXED, COMPOSITION	EA	1
6	18	PAFZZ	5905-00-106-1276	RCR326104JS	81349	RESISTOR, FIXED, COMPOSITION	EA	1
6	19	XDFZZ		RV38100K	81349	RESISTOR, FIXED, WIRE WOUND	EA	1

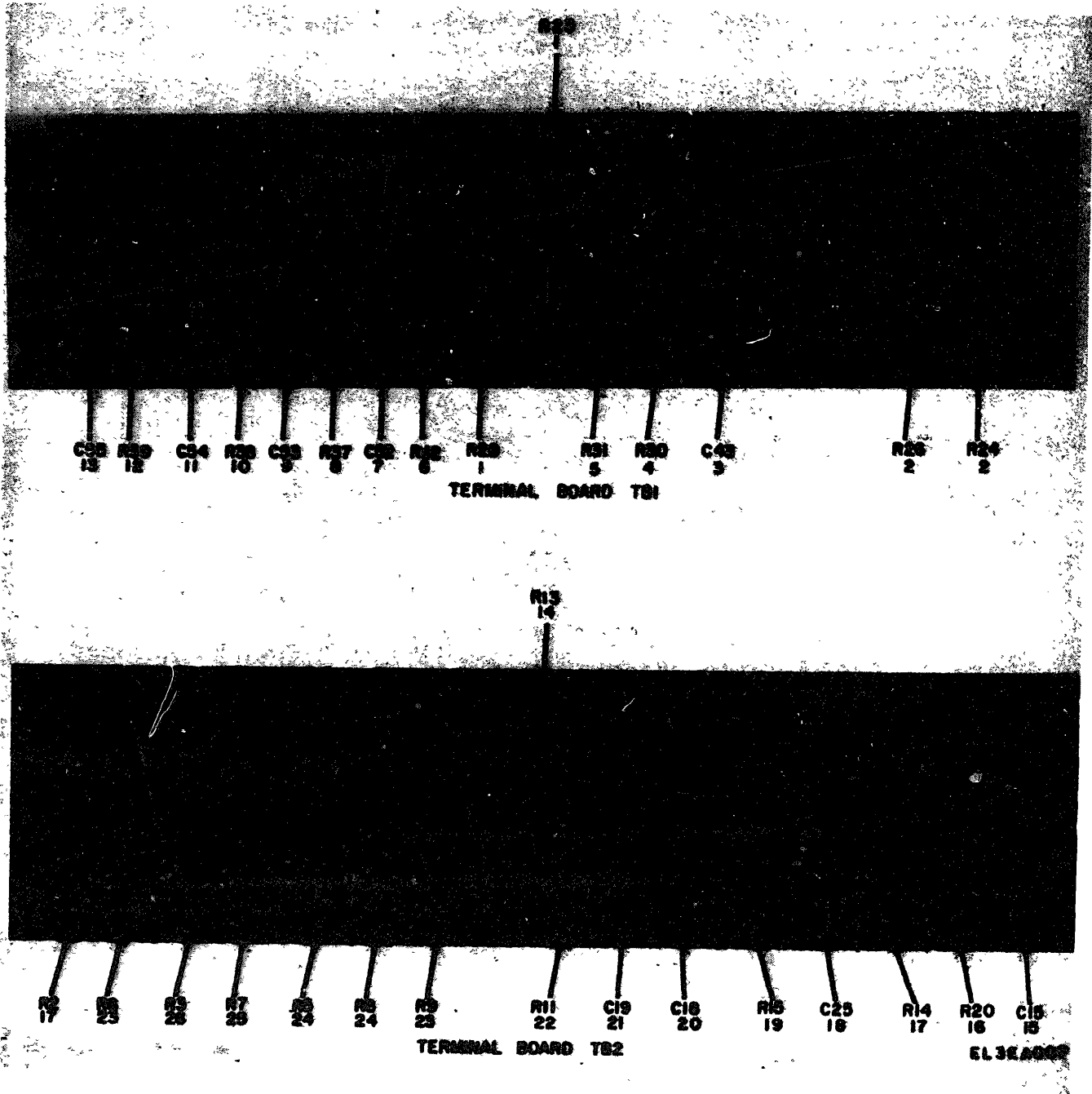


Figure 7. Receiver Transmitter Group, Terminal Boards, TB1 and TBZ.

SECTION II

(3)
NATIONAL
STOCK
NUMBER

(1) ILLUSTRATION		(2) SMR CODE	(3)	(4) PART NUMBER	(5) FSCN	(6) DESCRIPTION	(7) USABLE ON CODE	(8) UOM	(9) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.								
7	1	PAFZZ	5905-00-279-2527	RC42GF223J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
7	2	PAFZZ	54905-256-0409	RC20GF221K	81349	RESISTOR, FIXED, COMPOSITION		EA	2
7	3	PAFZZ	5910-00-284-4932	P82	00656	CAPACITOR, FIXED, PAPER		EA	1
7	4	PAFZZ	5905-00-190-8873	RC42GF473K	81349	RESISTOR, FIXED, COMPOSITION		EA	1
7	5	PAFZZ	5905-00-192-4504	RC42GF822J	81349	RESISTOR, FIXED, COMPOSITION		EA	1
7	6	PAFZZ	5905-00-221-5860	RC20GF334K	81349	RESISTOR, FIXED, COMPOSITION		EA	1
7	7	XDFZZ		10505	14655	CAPACITOR, FIXED, MICA		EA	1
7	8	PAFZZ	5905-00-254-7087	RC20GF683K	81349	RESISTOR, FIXED, COMPOSITION		EA	1
7	9	PAFZZ	5910-00-727-4005	CM30FD152603	81349	CAPACITOR, FIXED, MICA		EA	1
7	10	PAFZZ	5905-00-192-0662	RC20GF184K	81349	RESISTOR, FIXED, COMPOSITION		EA	1
7	11	PAFZZ	5910-00-060-9619	CM15FD511603	81349	CAPACITOR, FIXED, MICA		EA	1
7	12	PAFZZ	5905-00-185-6946	RC20GF474K	81349	RESISTOR, FIXED, COMPOSITION		EA	1
7	13	PAFZZ	5910-00-950-6428	CM15FD1816P3	81349	CAPACITOR, FIXED, MICA		EA	1
7	14	PAFZZ	5905-00-104-8330	RCR20G304JS	81349	RESISTOR, FIXED, COMPOSITION		EA	1
7	15	PAFZZ	5910-00-648-8218	GP2-331-1000UU FFORM10PCT	72982	CAPACITOR, FIXED, CERAMIC		EA	1
7	16	PAFZZ	5905-00-185-8518	RC20GF103K	81349	RESISTOR, FIXED, COMPOSITION		EA	1
7	17	PAFZZ	5905-00-104-8335	RCR20G124JS	81349	RESISTOR, FIXED, COMPOSITION		EA	2
7	18	PAFZZ	5910-00-621-8761	COR39A1KF473K3M	81349	CAPACITOR, FIXED, PAPER		EA	1
7	19	PAFZZ	5905-00-247-8700	RCR32G124JS	81349	RESISTOR, FIXED, COMPOSITION		EA	1
7	20	PAFZZ	5910-00-667-6174	GP1-331-100	72982	CAPACITOR, FIXED, CERAMIC		EA	1
7	21	PAFZZ	5910-00-581-8570	811-103X	72982	CAPACITOR, FIXED, CERAMIC		EA	1
7	22	PAFZZ	5905-00-185-6946	RC20GF474K	81349	RESISTOR, FIXED, COMPOSITION		EA	1
7	23	PAFZZ	5905-00-244-8258	RCR32G332JS	81349	RESISTOR, FIXED, COMPOSITION		EA	2
7	24	PAFZZ	5905-00-369-6929	RCR32G473JS	81349	RESISTOR, FIXED, COMPOSITION		EA	2
7	25	PAFZZ	5905-00-279-1869	RC20GF121K	81349	RESISTOR, FIXED, COMPOSITION		EA	1
7	26	PAFZZ	5905-00-110-0196	RC20GF102M	81349	RESISTOR, FIXED, COMPOSITION		EA	1

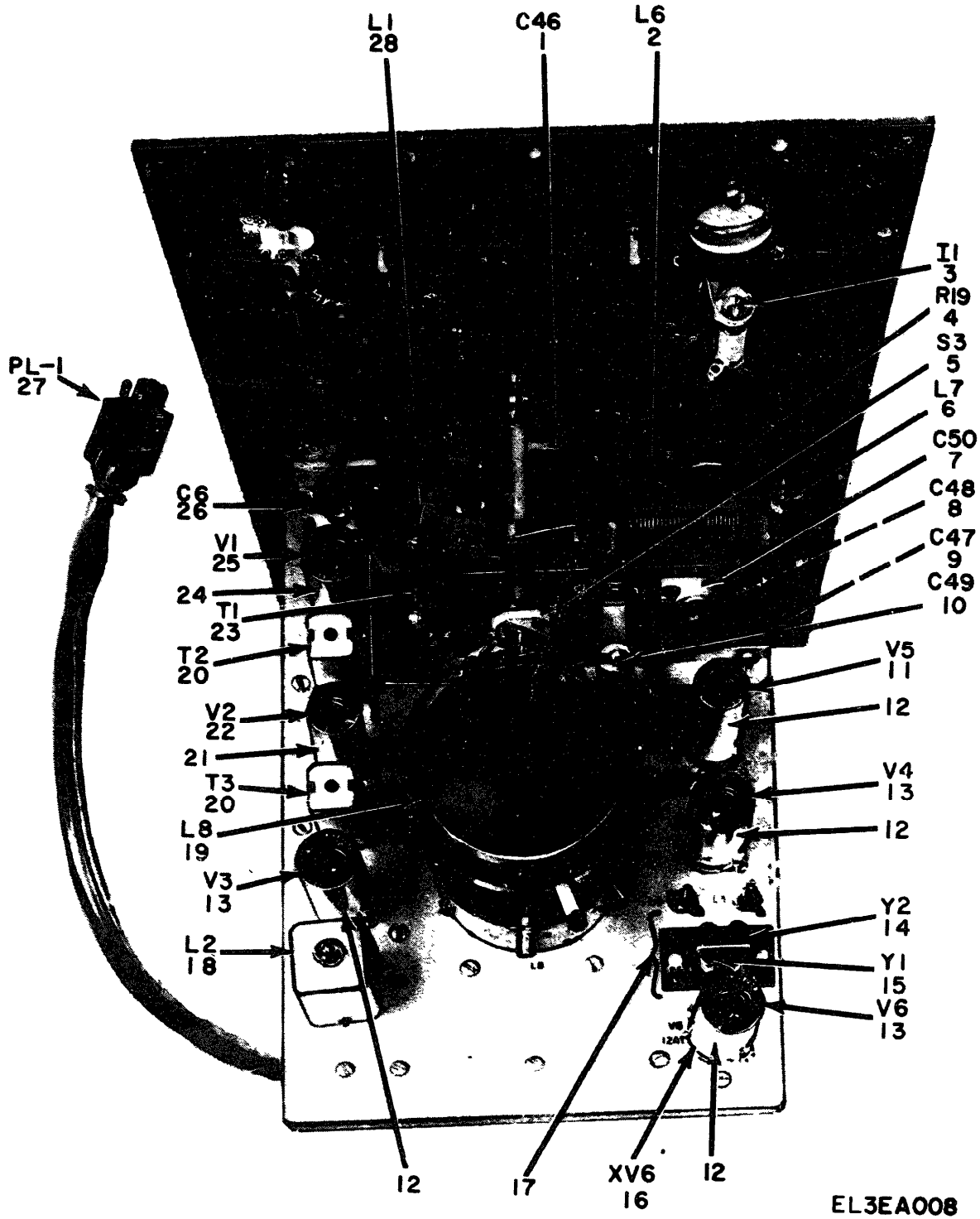


Figure 8. Receiver Transmitter Group, Top View.

SECTION II

TM 11-5820-364-34P-2

(1) ILLUSTRATION		(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
(a) FIG NO	(b) ITEM NO.							
8	1	XDFZZ		PL6055TYPE2R100A S	88356	CAPACITOR,VARIABLE,AIR	EA	1
8	2	XDFZZ		M3984-1A	82692	COIL,RADIO FREQUENCY	EA	1
8	3	PAQZZ	6240-00-223-9100	NE51	08806	LAMP,GLOW	EA	1
8	4	XDFZZ		RV4AYR.J103E	81349	RESISTOR,VARIABLE	EA	1
8	5	XDFZZ		M3988-1	82692	SWITCH,ROTARY	EA	1
8	6	XDFZZ		M3985-1B	82692	COIL,RADIO FREQUENCY	EA	1
8	7	PAFZZ	5910-00-543-0833	CV11A120	81349	CAPACITOR,VARIABLE,CERAMIC	EA	1
8	8	XDFZZ		CC30CH100F	81349	CAPACITOR,FIXED,CERAMIC	EA	1
8	9	PAFZZ	5910-00-683-7182	TU255706SIG	71590	CAPACITOR,FIXED,MICA	EA	1
8	10	XDFZZ		853A102	71590	CAPACITOR,FIXED,CERAMIC	EA	1
8	11	PAFZZ	5960-00-134-6073	6A05	81349	ELECTRON TUBE	EA	1
8	12	PAFZZ	5960-00-264-3004	TS103U02	81349	SHIELD,ELECTRON TUBE	EA	4
8	13	PAFZZ	5960-00-262-0167	L2AT7MA	81349	ELECTRON TUBE	EA	3
8	14	XDFZZ		500KC-CR28/U	81349	CRYSTAL UNIT,QUARTZ	EA	1
8	15	XDFZZ		836KC-CR28/U	81349	CRYSTAL UNIT,QUARTZ	EA	1
8	16	XDFZZ		M4163-1A	82692	SOCKET	EA	1
8	17	XDFZZ		M4137-2A	82692	SOCKET ASSEMBLY,CRYSTAL	EA	1
8	18	XDFZZ		M3981-1A	82692	COIL,RADIO FREQUENCY	EA	1
3	19	PAFZZ	5950-00-646-3202	M3986-12B	82692	TRANSFORMER,VARIABLE,RADIO FREQUENCY	EA	1
8	20	XDFZZ		KTRANE10-2262	80063	TRANSFORMER,INTERMEDIATE FREQUENCY	EA	2
8	21	PAFZZ	5960-00-729-8150	TS102U03	81349	SHIELD,ELECTRON TUBE	EA	1
8	22	PAFZZ	5960-00-188-6589	6B06	81349	ELECTRON TUBE	EA	1
8	23	XDFZZ		M3938-1A	82692	TRANSFORMER,RADIO FREQUENCY	EA	1
8	24	PAFZZ	5960-00-860-7709	TS102U02	81349	SHIELD,ELECTRON TUBE	EA	1
8	25	PAFZZ	5960-00-729-6963	6U8A	81349	ELECTRON TUBE	EA	1
8	26	XDFZZ		2R35AS	88356	CAPACITOR,VARIABLE,AIR	EA	1
8	27	PAFZZ	5935-00-201-9768	S308CCT	71785	CONNECTOR,PLUG,ELECTRICAL	EA	1
8	28	XDFZZ		M-3980-1A	82692	COIL,RADIO FREQUENCY	EA	1

REF. DES.	ITEM NO.
C1	24
L1	25
R1	26
R2	26
R3	26
R4	27
R5	27
R6	27

ITEMS LISTED
BUT NOT SHOWN

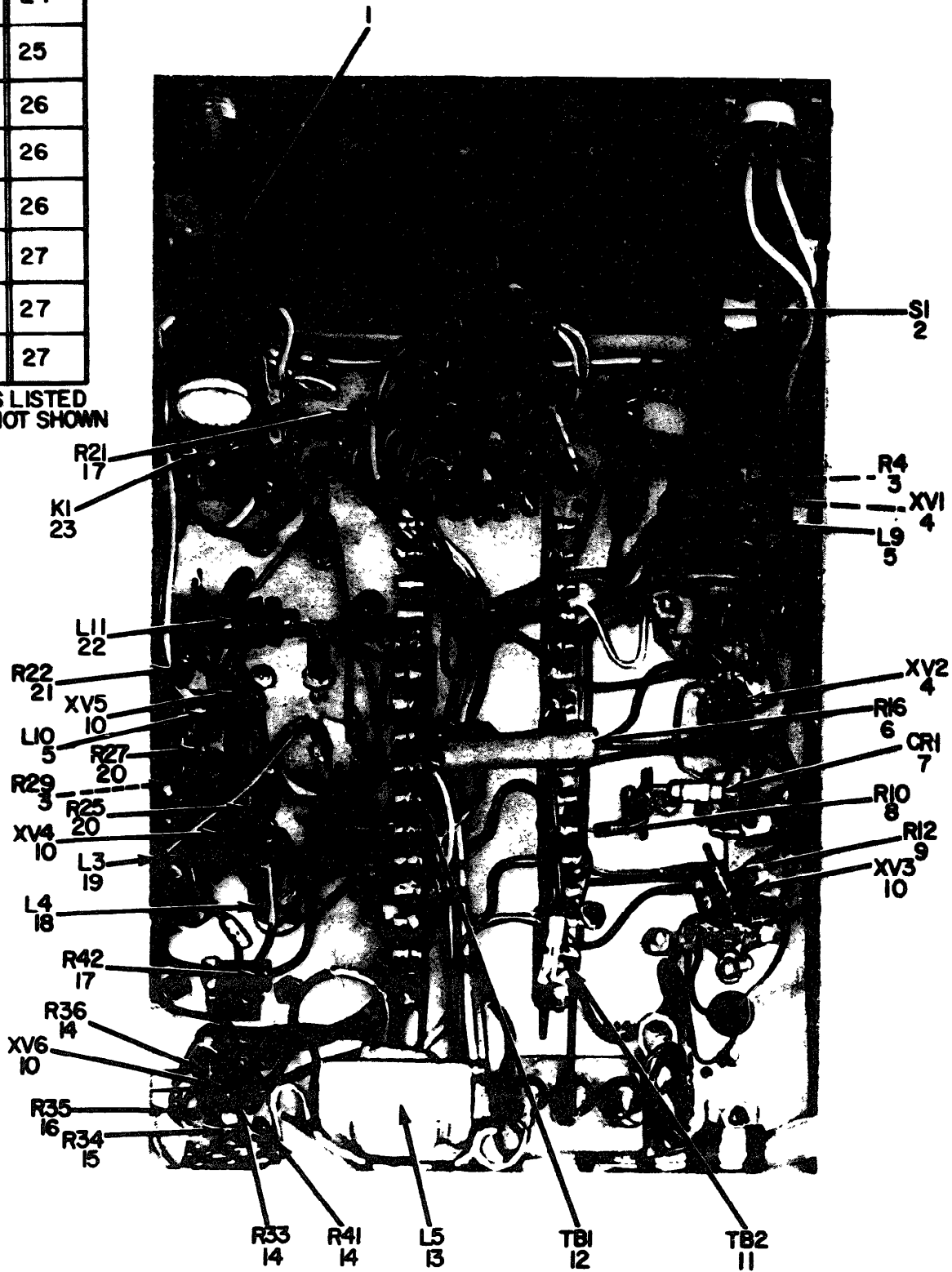


Figure 9. Receiver Transmitter Group, Bottom View, Additional Electrical Parts Location Less Capacitors.

EL3EA000

SECTION II

TM 11-5820-364-34P-2

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SNR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
9	1	XDOZZ		M4377-2A	82692	CARTRIDGE, DEHYDRATOR	EA	1
9	2	XDFZZ		M3980-1	82692	SWITCH, ROTARY	EA	1
9	3	PAFZZ	5905-00-104-8330	RC20G304JS	81349	RESISTOR, FIXED, COMPOSITION	EA	2
9	4	PAFZZ	5935-00-260-0516	TS102P01	81349	SOCKET, ELECTRON TUBE	EA	2
9	5	PAFZZ	5950-00-266-0631	R39-1G0	07886	COIL, RADIO FREQUENCY	EA	2
9	6	XDFZZ		1-3/41HA	29237	RESISTOR, FIXED, WIRE WOUND	EA	1
9	7	PAFZZ		1N69A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
9	8	PAFZZ	5905-00-295-3410	RC20GF473K	81349	RESISTOR, FIXED, COMPOSITION	EA	1
9	9	PAFZZ	5905-00-279-1884	RC20GF335K	81349	RESISTOR, FIXED, COMPOSITION	EA	1
9	10	XDFZZ		9718	72825	SOCKET, ELECTRON TUBE	EA	4
9	11	XDFZZ		M4127-2C	82692	TERMINAL BOARD	EA	1
9	12	XDFZZ		M4127-2C	82692	TERMINAL BOARD	EA	1
9	13	XDFZZ		C2976	74042	REACTOR	EA	1
9	14	XDFZZ		RC20GF125K	81349	RESISTOR, FIXED, COMPOSITION	EA	3
9	15	PAFZZ	5905-00-104-8334	RC20GF331K	81349	RESISTOR, FIXED, COMPOSITION	EA	1
9	16	PAFZZ	5905-00-245-0023	RC20GF682K	81349	RESISTOR, FIXED, COMPOSITION	EA	1
9	17	PAFZZ	5905-00-195-6451	RC20GF472K	81349	RESISTOR, FIXED, COMPOSITION	EA	2
9	18	XDFZZ		M3983-1A	82692	COIL, RADIO FREQUENCY	EA	1
9	19	XDFZZ		M3982-1A	82692	COIL, RADIO FREQUENCY	EA	1
9	20	PAFZZ	5905-00-195-6758	RC20GF273K	81349	RESISTOR, FIXED, COMPOSITION	EA	2
9	21	XDFZZ		RC30GF121K	81349	RESISTOR, FIXED, COMPOSITION	EA	1
9	22	PAFZZ	5950-00-645-0296	C50527-15	07886	COIL, RADIO FREQUENCY	EA	1
9	23	PAFZZ	5945-00-258-3897	KR11D	77343	RELAY, ARMATURE	EA	1
9	24	XDFZZ		850S100N	71590	CAPACITOR, FIXED, CERAMIC	EA	1
9	25	XDFZZ		M185-1A	82692	COIL, RADIO FREQUENCY	EA	1
9	26	PAFZZ	5905-00-279-1979	RC42GF101K	81349	RESISTOR, FIXED, COMPOSITION	EA	3
9	27	XDFZZ		RC42GF270K	81349	RESISTOR, FIXED, COMPOSITION	EA	3

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

SECTION IV

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

TM 11-5820-364-34P-2

STOCK NUMBER	NO.	NO.	STOCK NUMBER	NO.	NO.
6115-00-056-0315	1	1	5905-00-279-1869	7	2
5905-00-104-8334	9	15	5905-00-279-1884	9	2
5935-00-149-2888	4	14	5910-00-280-5913	6	1
3110-00-155-8448	4	5	5910-00-284-4932	7	7
5905-00-185-6946	7	12	5905-00-295-3410	8	5
5905-00-185-6946	7	22	5930-00-296-5822	5	5
5905-00-185-8518	7	16	5999-00-502-6091	5	4
5960-00-188-6589	8	22	5330-00-514-5026	4	3
5905-00-190-8873	7	4	5975-00-521-7350	3	3
5910-00-190-9522	6	15	5820-00-537-3776	3	2
5905-00-192-0662	7	10	5985-00-537-4438	2	8
5905-00-195-6251	9	17	5910-00-543-0833	8	4
5905-00-195-6758	9	20	3020-00-545-7529	4	4
5935-00-201-9768	8	27	5910-00-556-1745	4	5
5820-00-219-7171	2	3	5355-00-619-3837	5	2
5905-00-221-5860	7	6	8465-00-634-5187	2	4
6240-00-223-9100	8	3	5950-00-645-0296	4	10
6110-00-239-9056	4	19	5950-00-645-0296	9	2
5905-00-245-0023	9	16	5910-00-666-8122	6	16
5905-00-254-7087	7	8	5910-00-667-6114	6	14
5905-00-256-0409	7	2	5910-00-667-6174	6	3
5945-00-258-3897	9	23	5910-00-667-6174	7	20
5935-00-260-0516	9	4	6105-00-669-6422	4	12
5960-00-262-0167	8	13	5355-00-680-1357	5	2
5960-00-264-3004	8	12	5960-00-729-8150	8	21
5950-00-266-0631	9	5	5905-00-884-1130	4	17

PART NUMBER	FSCN	FIG. NO.	ITEM NO.	PART NUMBER	FSCN	FIG. NO.	ITEM NO.
AN3102C16-11P	81349	5	3	M-4185-1A	82692	9	25
A11642	49675	4	7	M4191-2A	82692	4	26
CC30CH100F	81349	8	8	M4193-2A	82692	3	6
CM20B271K	81349	6	10	M4302-12A	82692	3	5
CM308681K	81349	6	2	M4303-2A	82692	3	8
CM35B562K	81349	6	8	M4308-2A	82692	3	4
CP25A1EC104M	81349	6	5	M4311-124A	82692	4	22
CP53B1EF105K	81349	4	16	M4312-1A	82692	1	3
CV11A120	81349	8	7	M4315-1	82692	4	13
C2976	74042	9	13	M4328-1A	82692	4	20
C50527-15	07866	4	18	M4334-1A	82692	5	6
C50527-15	07886	9	22	M4336-1A	82692	4	15
6A4	78488	6	14	M4337-12B	82692	4	10
GPI-331-100	72982	6	3	M4341-12	82692	4	8
GPI-331-100	72982	7	20	M4342-1B	82692	4	23
K R 1 1 D	77343	9	23	M4344-1A	82692	4	21
KTRANE10-2262	80063	8	20	M4368-2A	82692	3	3
M-3980-1A	82692	8	28	M4369-2A	82692	3	2
MD83-2RPM	27780	4	12	M4377-2A	82692	9	1
MR107T	82693	2	5	M4391-12A	82692	2	2
MS25043-16C	02660	5	4	M4392-12A	82692	2	3
MS91528-1F2D	80063	5	2	M4393-2A	82692	2	1
M 3 9 3 8 1 A	82692	8	23	M4394-1A	82692	2	4
M3981-1A	82692	8	18	M4395-1A	82692	3	7
M3982-1A	82692	9	19	NPO-331-33	72982	6	16
M3983-1A	82692	9	18	PL6055TYPE2R100AS	88356	8	1
M3984-1A	82692	8	2	P 8 2	00656	7	3
M3985-1B	82692	8	6	RC20GF103K	81349	7	16
M3985-12B	82692	8	19	RC20GF121K	81349	7	25
M3988-1	82692	8	5	RC20GF124K	81349	9	17
M3988-1	82692	9	2	RC30GF125K	81349	9	14
M4112-1B	82692	4	9	RC20GF184K	81349	7	10
M4113-1B	82692	3	1	RC20GF221K	81349	7	2
M4127-2C	82692	9	11	RC20GF273K	81349	9	20
M4127-2C	82692	9	12	RC20GF331K	81349	9	15
M4134-12A	82692	1	1	RC20GF334K	81349	7	6
M4137-2A	82692	8	17	RC20GF335K	81349	9	9
M4161-1	82692	1	2	RC20GF479K	81349	9	17
M4163-1A	82692	8	16	RC20GF473K	81349	9	8
M4176-1A	82692	2	6	RC20GF474K	81349	7	12
M418342A	82692	4	24	RC20GF682K	81349	9	16
				RC20GF683K	81349	7	8

PART NUMBER	FSCN	FIG. NO.	ITEM NO.	PART NUMBER	FSCN	FIG. NO.	ITEM NO.
RC30GF121K	81349	9	21	1N69A	81349	9	7
RC30GF101K	81349	9	26	12AT7WA	81349	8	13
RC42GF270K	81349	9	27	1 2 5 - 1 - 2 6	49956	5	1
RC42GF473K	81349	7	4	2R35AS	88356	8	26
RV3B100K	81349	6	19	3LINE-LOCK-W/N016HOLES	98490	1	4
RV4ATRIJ103E	81349	8	4	3N05-5P	80411	5	5
R33-100	07886	9	5	4 3	12697	4	17
SCB61131	80063	4	19	5 R 5 T 2	14655	6	13
SCC62532-7	80063	6	15	500CK-CR28/U	81349	8	14
SCD99877-95	80063	4	1	6AQ5	81349	8	11
SCD99877-960	80063	4	11	6BJ6	81349	8	22
S O B 6 4 2 8 3	01401	4	3	6TM5D5GMC	81349	6	12
S O B 6 4 2 8 3	00656	4	6	6UBA	81349	8	25
S 3 0 8 C C T	71785	8	27	63X91	73680	4	4
TS102P01	81349	9	4	77R10	43334	4	5
TS102U02	81349	8	24	836KC-CR28/U	81349	8	15
TS102U03	81349	8	21	850S100N	71590	9	24
TS103U02	81349	8	12	853A102	71590	8	10
1CP0005-8	82181	4	14	9 7 1 8	72825	9	10
1D5D5	14655	7	7				

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.	STOCK NUMBER	FIG. NO.	ITEM NO.
5910-00-060-9619	7	11	5905-00-279-1979	9	26
5910-00-068-3883	6	8	5905-00-279-2527	7	1
5905-00-104-8330	7	14	5905-00-369-6929	7	24
5905-00-104-8330	9	3	5910-00-539-6256	6	7
5905-00-104-8335	7	17	5910-00-581-8570	5	2
5905-00-104-8339	6	17	5910-00-581-8570	6	1
5905-00-106-1276	6	18	5910-00-581-8570	7	21
5905-00-110-0196	7	26	5910-00-621-8761	7	18
5910-00-112-7158	6	6	5950-00-646-3202	8	19
5910-00-129-6260	4	16	5910-00-648-8218	7	15
5960-00-134-6073	8	11	5910-00-683-7182	8	9
5935-00-137-4671	5	4	5910-00-727-4005	7	9
5905-00-192-4504	7	5	5960-00-729-6963	8	25
5905-00-244-8258	7	23	5960-00-860-7709	8	24
5905-00-247-8700	7	19	5910-00-901-6512	6	9
5910-00-252-0792	6	11	5910-00-950-6428	7	13
5820-00-259-5756	3	6			

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCN	FIG. NO.	ITEM NO.	PART NUMBER	FSCN	FIG. NO.	ITEM NO.
APC25	80583	6	11	RCR32G124JS	81349	7	19
CM15FD181GP3	81349	7	13	RCR32G332JS	81349	7	23
CM15FD511G03	81349	7	11	RCR32G473JS	81349	7	24
CM20FD102F03	81349	6	9	RC20GF102M	81349	7	26
CM30FD152G03	81349	7	9				
COR39A1KF473K3M	81349	8	18				
GP1-331	72982	6	7	RC20GF474K	81349	7	22
CP2-331-1000UUFPORM10PCT	72982	6	4				
CP2-331-1000UUFPORM10PCT	72982	7	15	RC42GF223J	81349	7	1
CP53B4FF254V1	81349	6	6	TU22570G5IG	71590	8	9
NE51	06806	8	3	1-3/1NA	23237	9	6
RCR20G124JS	81349	7	17	811-103X	72982	4	2
RCR20G304JS	81349	7	14	811-103X	72982	6	1
RCR20G304JS	81349	9	3	811-103X	72982	7	21
RCR20G824JS	81349	6	17				
RCR32G104JS	81349	6	18				

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DATE

23 Jan 74

TITLE

Radar Set AN/SPC-76

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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		
		F03	

Recommend that the installation antenna alignment procedure be changed throughout 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 15 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

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PARA-GRAPH

FIGURE NO.

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PAGE NO.

PARA-GRAPH

FIGURE NO.

TABLE NO.

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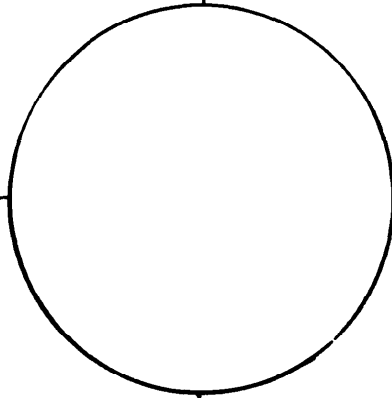
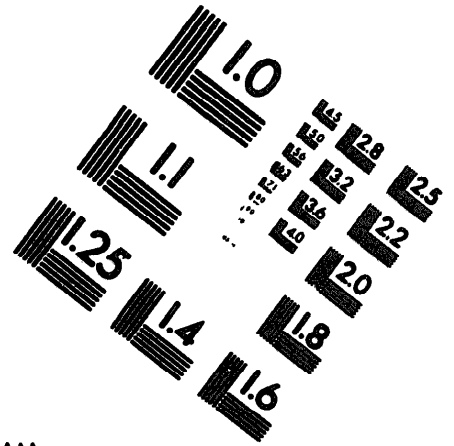
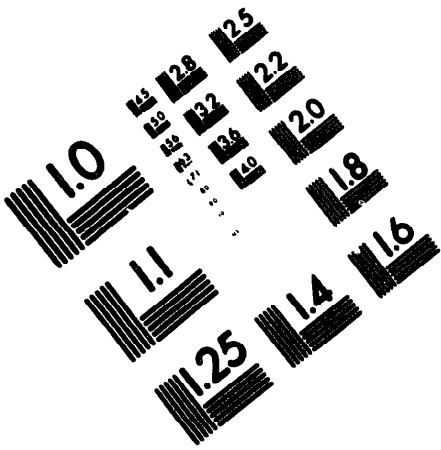
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150 MM

1.0 mm (e= .81 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890
abcdefghijklmnopqrstuvwxyz %& / # 1/2 1/4 1/8 —→ + x & @ *

1.5 mm (e= 1.09 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890
abcdefghijklmnopqrstuvwxyz %& / # 1/2 1/4 1/8 —→ + x & @ *

2.0 mm (e= 1.37 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 \$ % & / # 1/2 1/4 1/8 —→ + x & @ *

2.5 mm (e= 1.77 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 \$ % & / # 1/2 1/4 1/8 —→ + x & @ *

1.0 mm (e= .81 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890
abcdefghijklmnopqrstuvwxyz %& / # 1/2 1/4 1/8 —→ + x & @ *

1.5 mm (e= 1.09 mm)

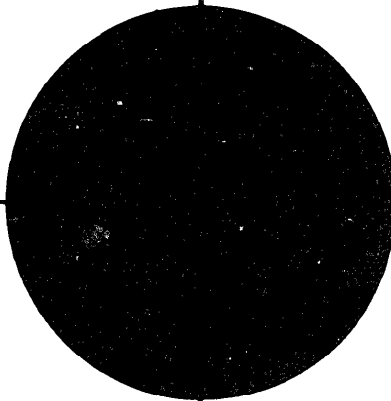
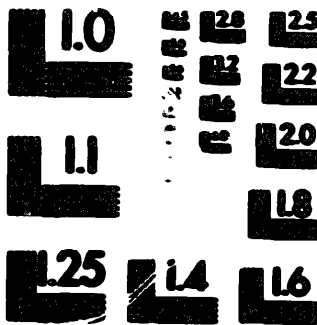
ABCDEFGHIJKLMN OPQRSTUVWXYZ 1234567890
abcdefghijklmnopqrstuvwxyz %& / # 1/2 1/4 1/8 —→ + x & @ *

2.0 mm (e= 1.37 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 \$ % & / # 1/2 1/4 1/8 —→ + x & @ *

2.5 mm (e= 1.77 mm)

ABCDEFGHIJKLMN OPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 \$ % & / # 1/2 1/4 1/8 —→ + x & @ *



200 MM

250 MM

