

TECHNICAL MANUAL
ORGANIZATIONAL MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS
FOR
RADAR SET AN/TPN-18
(NSN 5840-00-944-2452)

HEADQUARTERS, DEPARTMENT OF THE ARMY

APRIL 1979

TECHNICAL MANUAL }
No. 11-5840-281-20P , }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 10 April 1979

**ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS
FOR
RADAR SET AN/TPN-1 8
(NSN 5840-00-944-2452)**

Current as of 20 October 1978

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| | 01070111 Power Supply PP-3381/TPN-8 (No parts authorized) | | |
| | 01070112 Preamplifier electronic control (No parts authorized) | | |
| | 01070113 Regulator voltage 35V (No parts authorized) | | |
| | 01070114 Transmitter, radar..... | 43 | 14-16 |
| | 01070115 Adapter, test, receiver-transmitter (No parts authorized) | | |
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| | 0201 Control Indicator C-6988/TPN-18 | 51 | 17, 18 |

★ This manual supersedes TM 11-5840-281-20P, 27 July 1970.

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| | 020102 | Generator, Pulse 0-1333/TPN-1863 | 20, 21 |
| | 02010201 | Comparator, sawtooth (No parts authorized) | |
| | 02010202 | Control, cursor (No parts authorized) | |
| | 02010203 | Generator, trigger delay (No parts authorized) | |
| | 02010204 | Generator, azimuth-elevation blanking pulse (No parts authorized) | |
| | 02010205 | Generator, range mark (No parts authorized) | |
| | 02010206 | Generator, sawtooth (No parts authorized) | |
| | 02010207 | Generator, cursor (No parts authorized) | |
| | 02010208 | Generator, sweep (No parts authorized) | |
| | 02010209 | Oscillator, range mark (No parts authorized) | |
| | 020103 | Mixer-amplifier (No parts authorized) | |
| | 020104 | Power Supply PP-3383/TPN-8.....67 | 22 |
| | 02010401 | Amplifier, fixed coil (No parts authorized) | |
| | 02010402 | Rectifier, indicator (No parts authorized) | |
| | 02010403 | Regulator, voltage 12V (No parts authorized) | |
| | 02010404 | Regulator, voltage 35V (Same as group 01070113) | |
| | 02010405 | Regulator, voltage 18V (No parts authorized) | |
| | 03 | Adapter, test, pulse generator card (No parts authorized) | |
| | 04 | Simulator, radar target (No parts authorized) | |
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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/TPN-1 g. 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 (NUN) 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 on unserviceable items.

(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 and dispose at the level indicated in position 3. 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.

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 (e., all authorized maintenance functions). This position will contain one of the following maintenance codes

Code Application/Explanation

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.

Z—Nonreparable. No repair is authorized.

(3) Recoverability code. Recoverability codes are assigned to support items to indicate the disposition action

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 repairable, condemn and dispose at the direct support level.

H—Reparable item. When uneconomically repairable, condemn and dispose at the general support 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 708-42 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 (UIM).* 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. The following publication pertains to the AN/TPN-18 and its components: TM 11-5840-281-12, Radar Set AN/TPN-18

b. The illustrations in this manual are identical to those published in TM 11-5840-281-34P. Only those parts assigned the third position SMR maintenance code "C" or "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.

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.

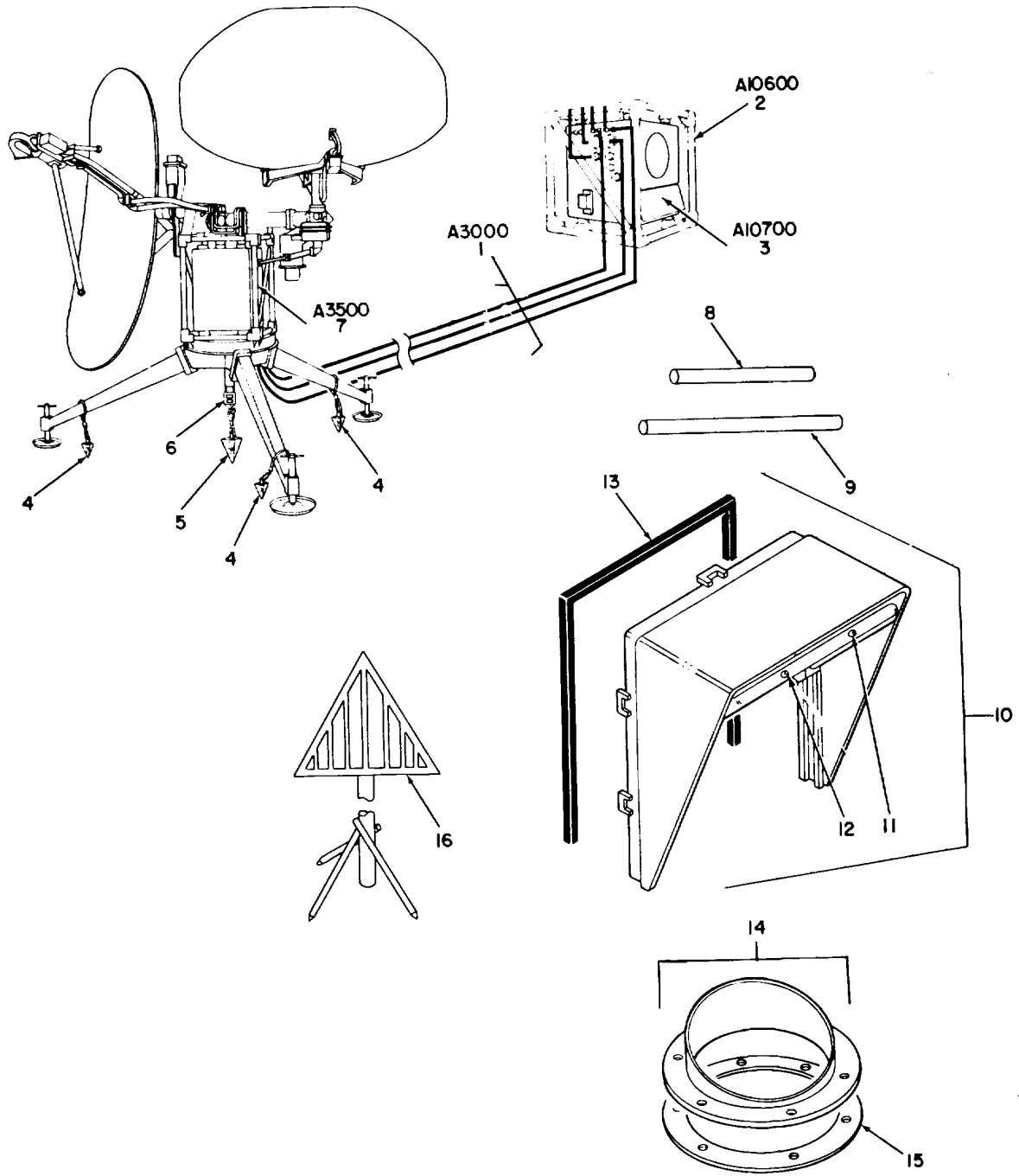
(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

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

6. Abbreviations

Not applicable.

(Next printed page is 4)



EL01N001

Figure 1. Radar Set AN/TPN-18.

SECTION II

TM 11-5840-281-20P

| (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 | U/M | QTY INC IN UNIT |
| | | | | | | GROUP O0 RADAR SET AN/TPN-18 | | |
| 1 | 5 | PAOZZ | 4030-00-889-2364 | G400054-2 | 24930 | ANCHOR,GUY..... | EA | 1 |
| 1 | 6 | XDOZZ | | 3119151A030 | 7012B | STRAP,WEBBING..... | EA | 1 |
| 1 | 7 | XDOFF | | 180963-1 | 24930 | RADAR SET GROUP..... | EA | 1 |
| 1 | 8 | PAOZZ | 5340-00-066-4052 | G500001-1 | 24930 | ROD..... | EA | 1 |
| 1 | 9 | PAOZZ | 5340-00-066-4192 | GS500001-2 | 24930 | ROD, STRAIGHT..... | EA | 1 |
| 1 | 10 | PAOFF | 5840-00-433-2359 | 112449 | 24930 | SHIELD RAIN INDICAT..... | EA | 2 |
| 1 | 14 | PAOZZ | 5840-00-433-2358 | 103188 | 24930 | DEFLECTOR,RAIN..... | EA | 2 |
| 1 | 15 | PAOZZ | 5330-00-433-3754 | 116502 | 24930 | GASKET..... | EA | 1 |
| 1 | 16 | XDOHH | | 100253 | 24930 | SIMULATOR,RDR T..... | EA | 3 |
| | | | | | 5/(6 blank) | | | |

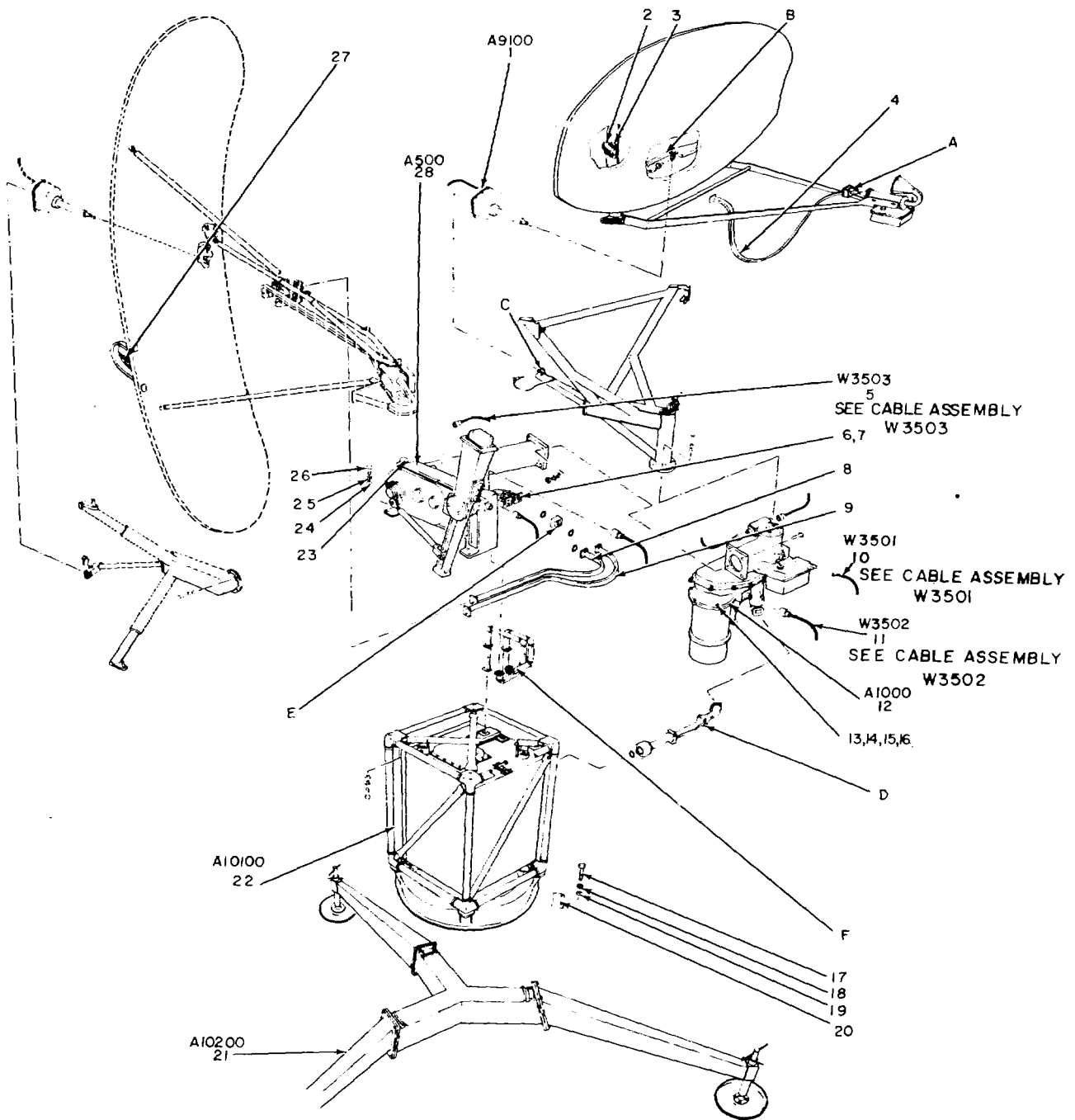
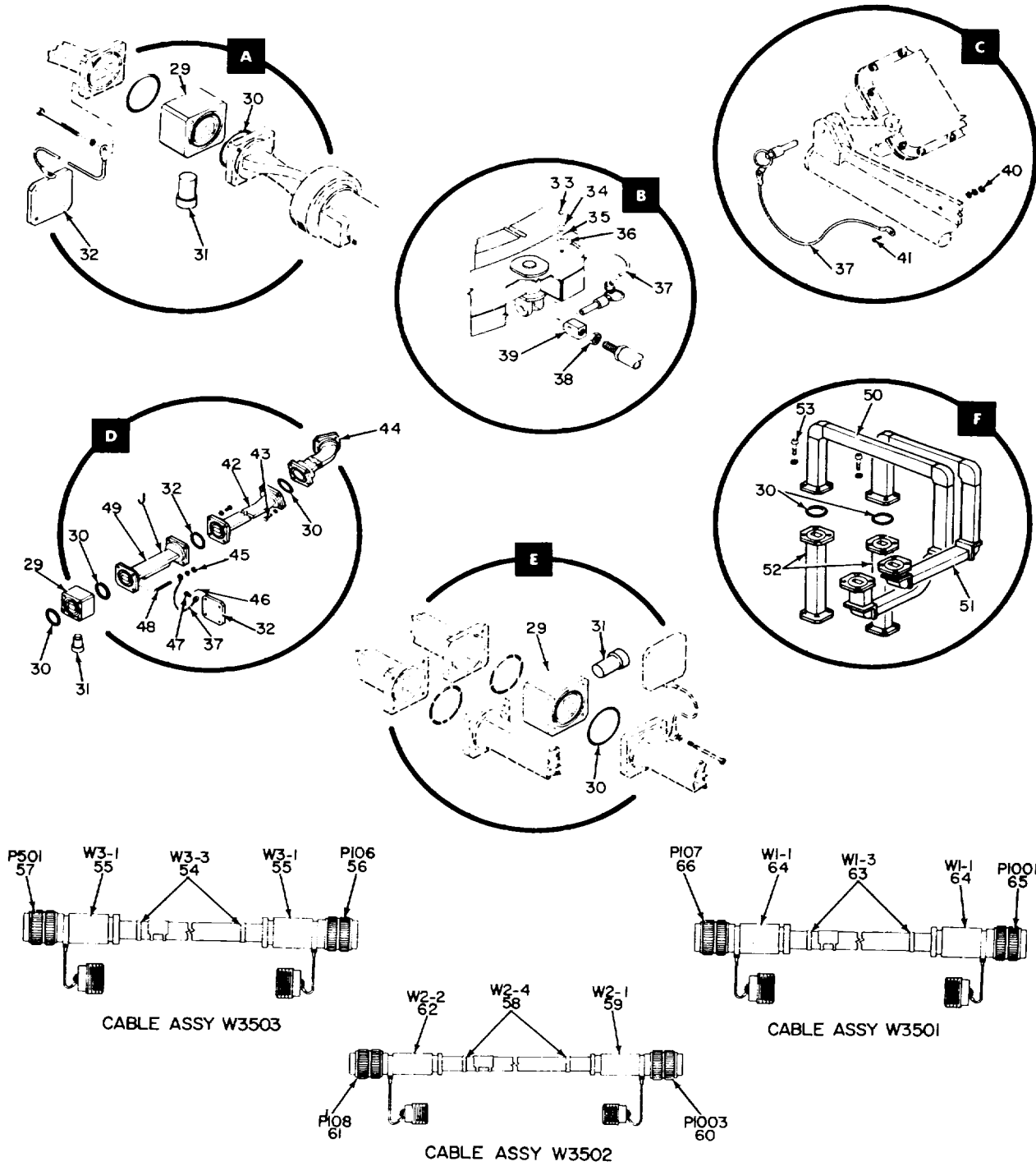


Figure 2. Radar Set Group (Sheet 1 of 2).

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ELOIN003

Figure 2. Radar Set Group (Sheet 2 of 2).

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| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|----------------|----------|-----------------------------------|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| | | | | | | GROUP 01 RADAR SET GROUP | | |
| 2 | 4 | PAOZZ | 5840-00-191-9343 | 102824-1 | 24930 | WAVEGUIDE..... | EA | 1 |
| 2 | 5 | XDOFF | | 103157-1 | 24930 | CABLE ASSY,PR | EA | 1 |
| 2 | 6 | PAOZZ | 5305-00-054-6680 | NS51957-53 | 96906 | SCREW,MACHINE | EA | 8 |
| 2 | 7 | PAOZZ | 5310-00-933-8119 | HS35338-137 | 96906 | WASHERLOCK | EA | 37 |
| 2 | 8 | PAOZZ | 5840-00-191-9341 | 102823-5 | 24930 | WAVEGUIDE..... | EA | 1 |
| 2 | 9 | PAOZZ | 5840-00-191-9342 | 102823-6 | 24930 | WAVEGUIDE..... | EA | 1 |
| 2 | 10 | XDOFF | | 103155-1 | 24930 | CABLE ASSYPR | EA | 1 |
| 2 | 11 | XDOFF | | 103156-1 | 24930 | CABLE ASSY,SPCL | EA | 1 |
| 2 | 12 | PAOHH | 5840-00-082-3728 | TG113TPN8B | 80058 | DRIVE,AZIMUTH A..... | EA | 1 |
| 2 | 13 | PAOZZ | 5310-00-939-2655 | MS51972-2 | 96906 | NUT.PLAIN.HEXAGON | EA | 4 |
| 2 | 14 | PAOZZ | 5306-00-656-0193 | MS35308-339 | 96906 | BOLT,MACHINE | EA | 4 |
| 2 | 15 | PAOZZ | 15310-00-625-5756 | MS15795-812 | 96906 | WASHERFLAT | EA | 4 |
| 2 | 16 | PAOZZ | 5310-00-974-6623 | MS35338-140 | 96906 | WASHER,LOCK | EA | 4 |
| 2 | 21 | PAOHH | 5840-00-078-5621 | AB738TPNB | 80058 | PEDESTAL,ANTENN | EA | 1 |
| 2 | 28 | PAOHH | 5840-0082-37271 | TG114TPNB | 80058 | DRIVE.ELEVATION..... | EA | 1 |
| 2 | 30 | PAOZZ | 5330-00-806-3197 | MS90064-14 | 969061 | PACKING,PERFORMED | EA | 12 |
| | | | | | 9 | | | |

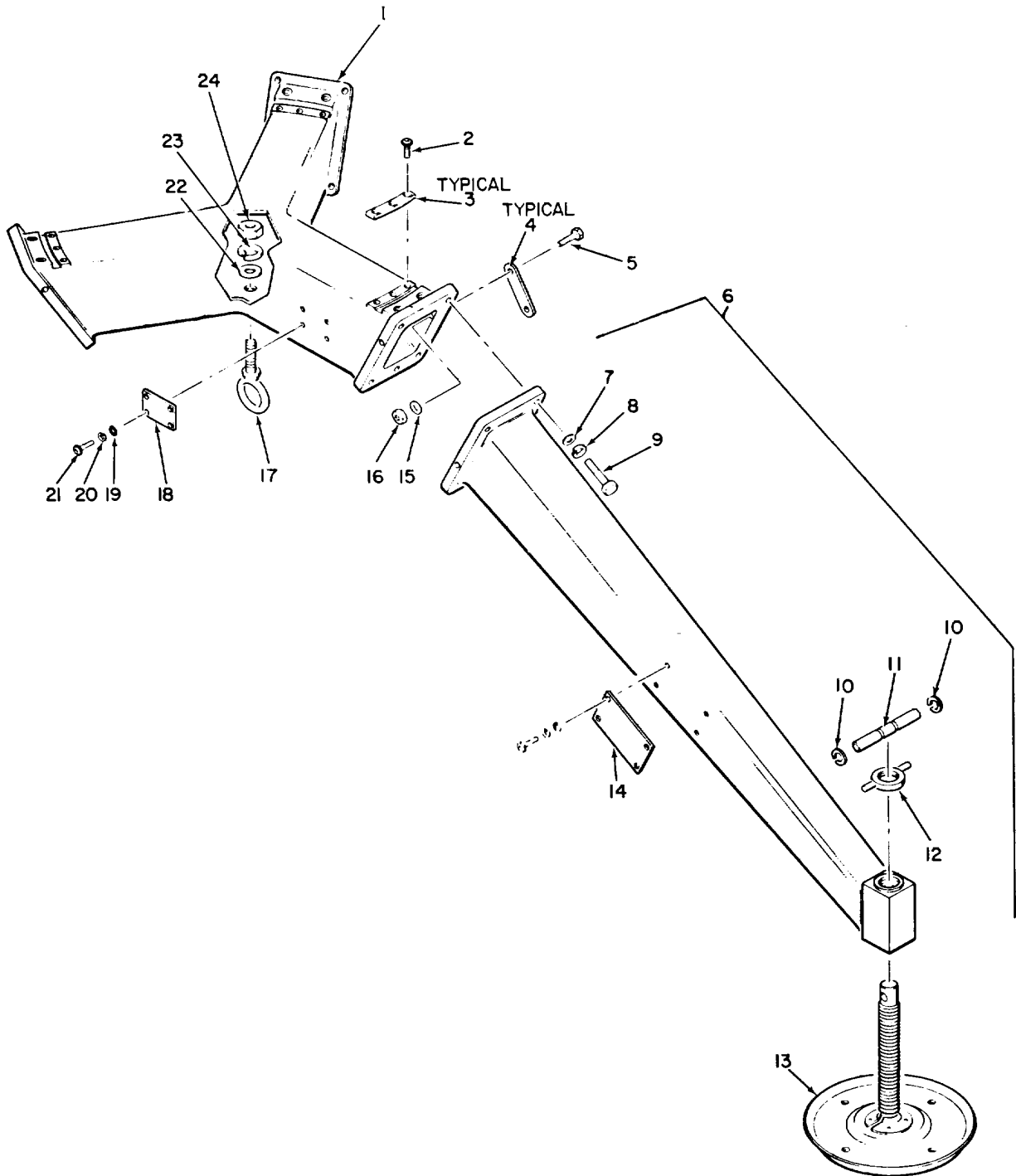
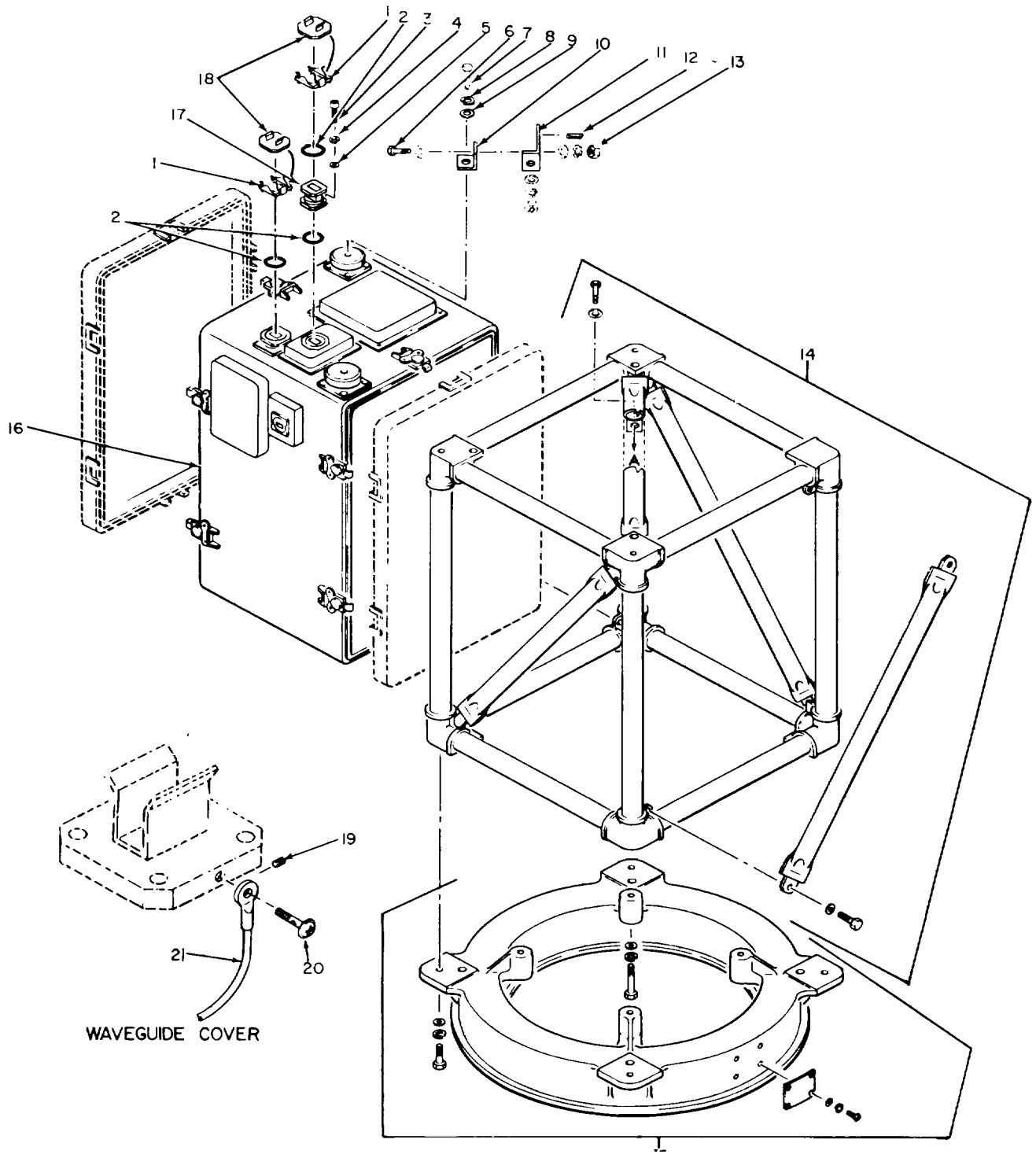


Figure 3. Pedestal, Antenna AB-738/TPN-8

SECTION II

TM 11-5840-281-20P

| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|----------------|-----------|---|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| 3 | 6 | XDOHH | | 00204 | 24931 | GROUP 0106 PEDESTAL,ANTENNA AB-738/TPN-8 LEG ASSY..... | EA | 3 |
| | | | | | 11 | | | |



RECEIVER-TRANSMITTER AND FRAME

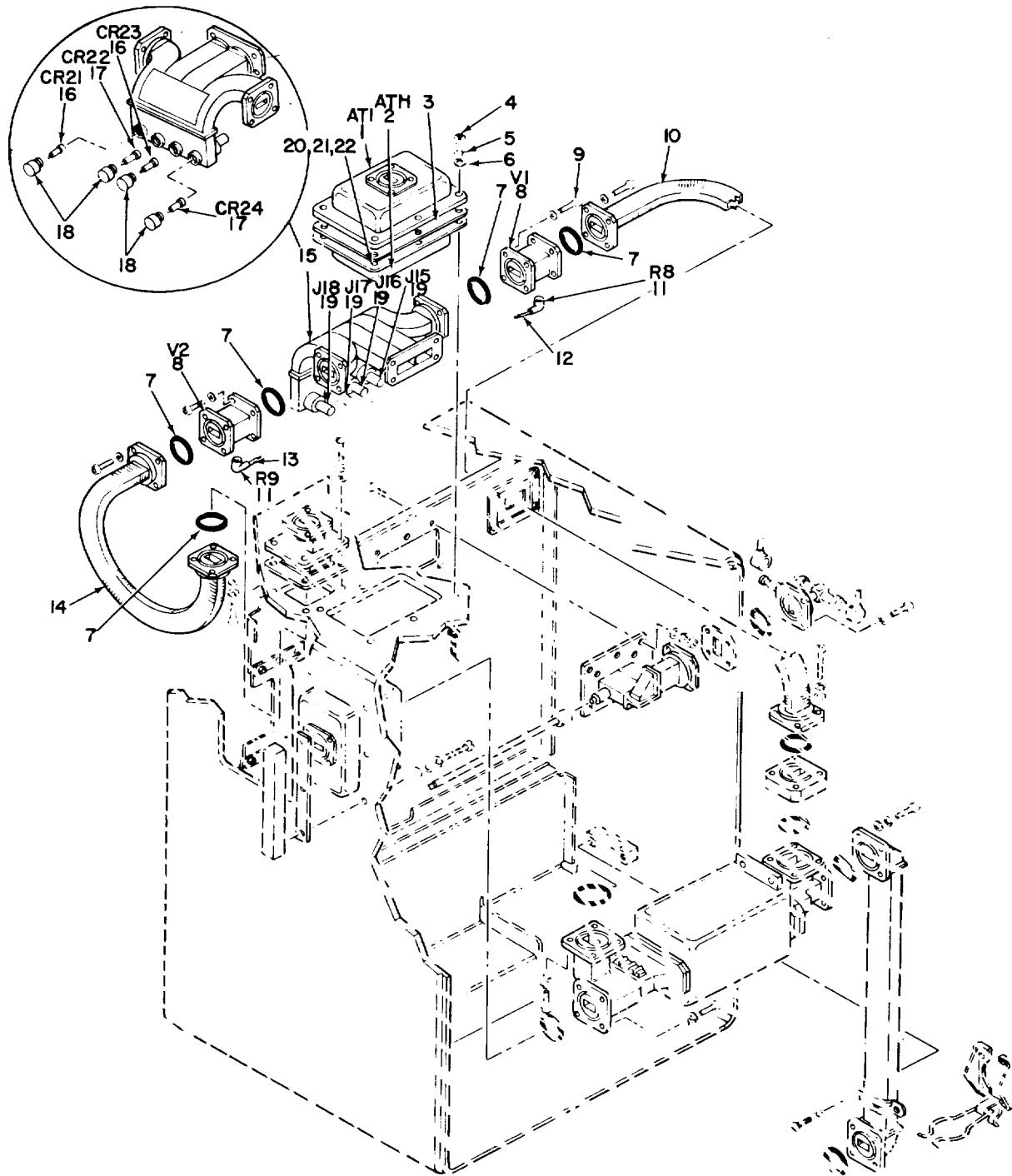
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Figure 4. Receiver-Transmitter Group.

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TM 11-5840-281-20P

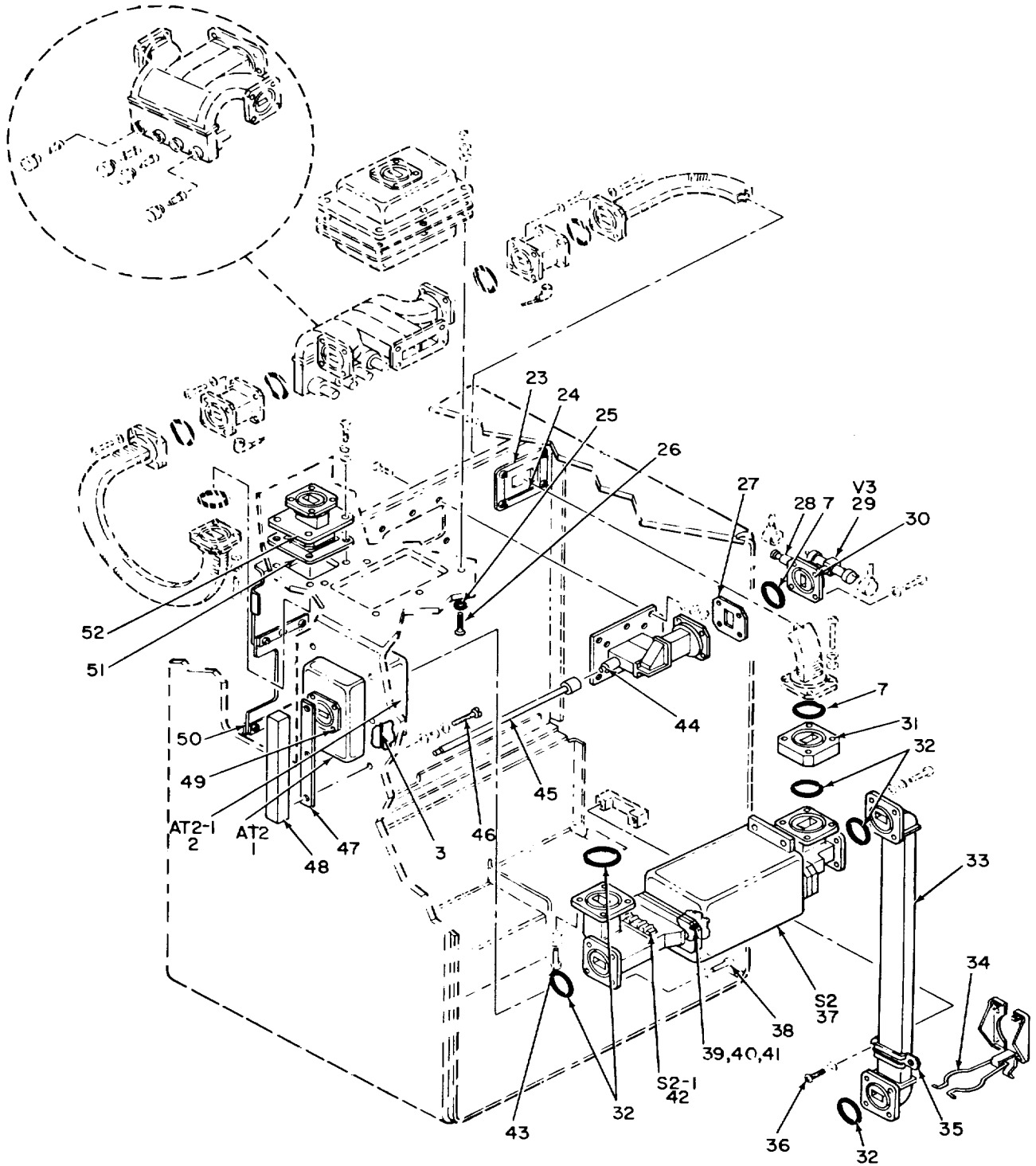
| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|----------------|-------|--|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| 4 | 16 | PAOHH | 5840-00-944-2454 | RT818TPN18 | 80058 | GROUP 0107 RECEIVER-TRANSMITTER GROUP RECEIVER-XR | EA | 1 |
| 13/(14 blank) | | | | | | | | |



UPPER EXPLODED PORTIONS OF CHASSIS

ELOTN 035

Figure 5. Receiver-Transmitter RT-818/TPN-18, Waveguide Layout (Sheet 1 of 2).



LOWER EXPLODED PORTIONS OF CHASSIS

Figure 5. Receiver-Transmitter RTR-818/TPN-18, Waveguide layout (Sheet 2 of 2)

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SECTION II

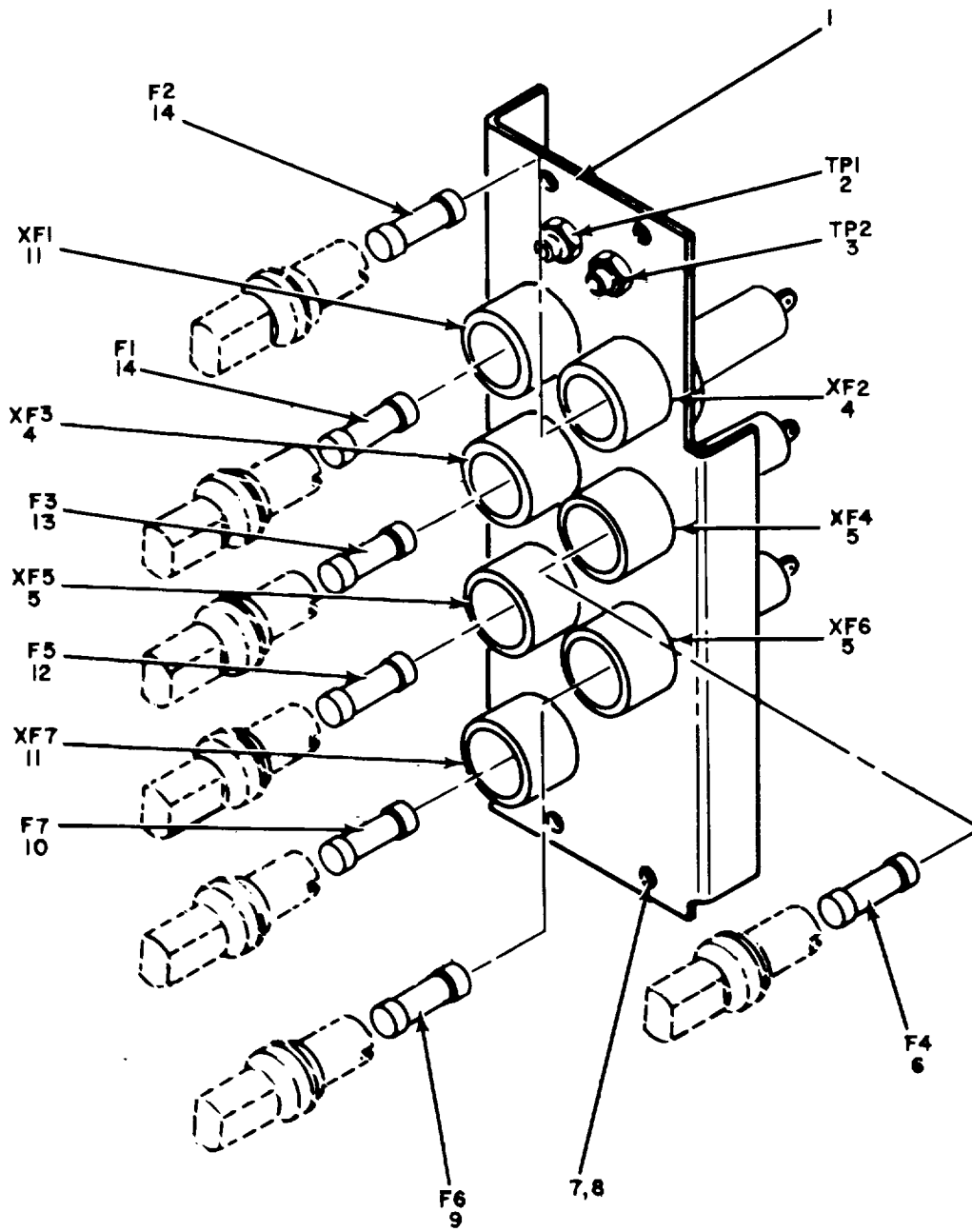
TM 11-5840-281-20P

| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|----------------|-------|--|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| | | | | | | GROUP 010701 RECEIVER-TRANSMITTER RT-818/TPN-18 | | |
| 5 | 8 | PAOZZ | 5960-00-073-9277 | 102663 | 24930 | ELECTRON TUBE..... | EA | 2 |
| 5 | 29 | PAOZZ | 5960-00-754-9775 | 6975 | 81349 | ELECTRON TUBE..... | EA | 1 |
| | | | | | 17 | | | |

SECTION II

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| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|-----------------|-----------|-----------------------------------|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| 6 | 1 | PAOZZ | 6210-00-299-4557 | 900410-2900-301 | 72619 | LIGHT,PANEL | EA | 1 |
| 6 | 2 | PAOZZ | 6240-00-155-8714 | MS25231-313 | 96906 | LAMP,INCANDESCENT | EA | 1 |
| 6 | 28 | PAOZZ | 5355-00-556-0151 | MS91528-1028 | 96906 | KNOB | EA | 1 |
| 6 | 31 | PAOZZ | 5305-00-719-5330 | MS51963-21 | 96906 | SETSCREW | EA | 1 |
| 6 | 32 | PAOZZ | 5355-00-571-0243 | 65727-2 | 24930 | KNOB | EA | 1 |
| 6 | 33 | PAOZZ | 5305-00-719-5338 | MS51963-23 | 96906 | SETSCREW | EA | 1 |
| | | | | | 19 | | | |



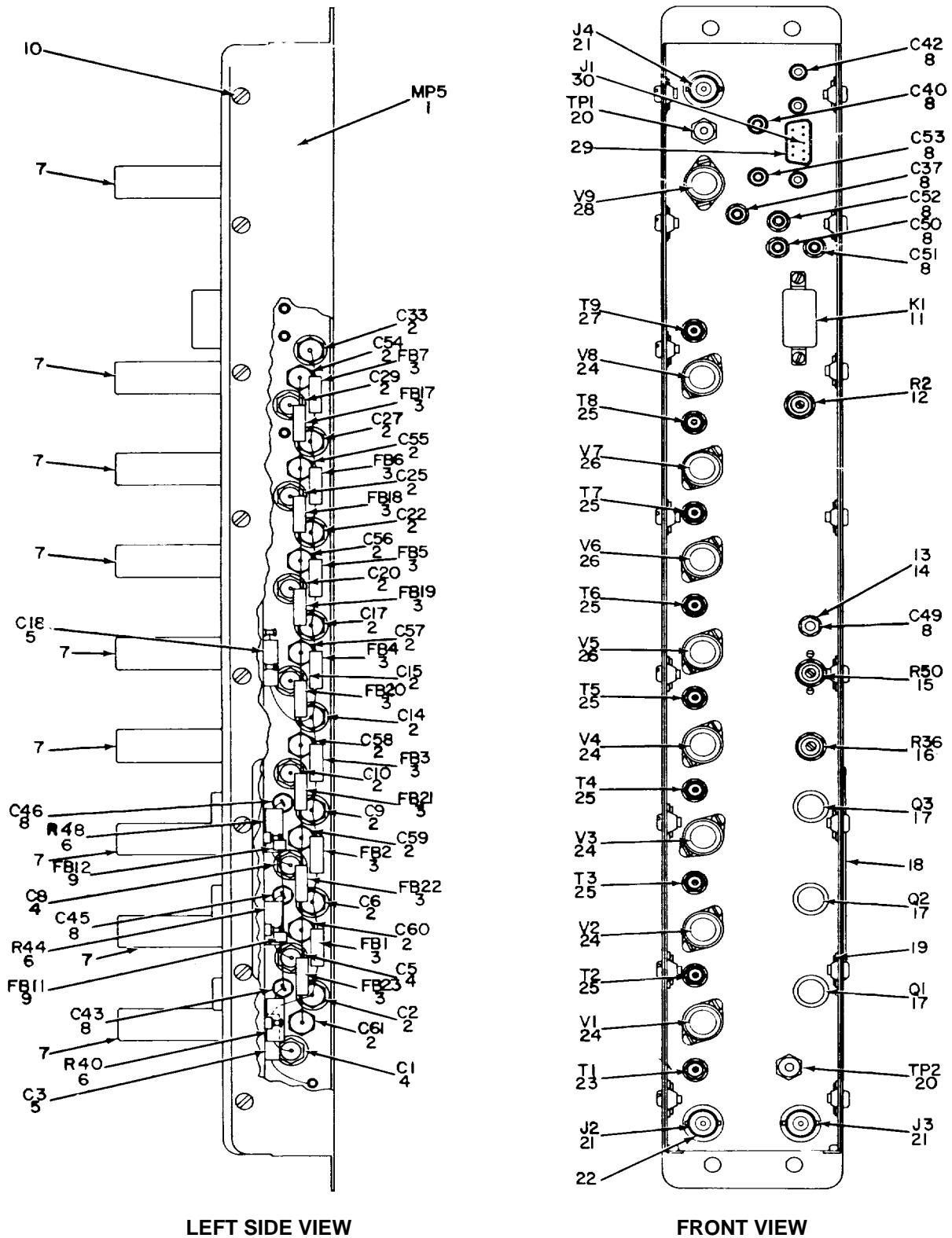
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Figure 7. Receiver-Transmitter RT-818/TPN-18, Fuse Grouping.

SECTION II

TM 11-5840-281-20P

| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|----------------|-----------|-----------------------------------|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| 7 | 6 | PAOZZ | 5920-00-243-3787 | F03A250V10AS | 81349 | FUSE, CARTRIDGE | EA | 1 |
| 7 | 9 | PAOZZ | 5920-00-474-6125 | F02A250V2AS | 81349 | FUSE, CARTRIDGE | EA | 1 |
| 7 | 10 | PAOZZ | 5920-00-280-5031 | F02A250V1-4AS | 81349 | FUSE, CARTRIDGE | EA | 1 |
| 7 | 12 | PAOZZ | 5920-00-877-9934 | F02A25V3AS | 81349 | FUSE, CARTRIDGE | EA | 1 |
| 7 | 13 | PAOZZ | 5920-00-281-0224 | FO2A250V1-2AS | 81349 | FUSE, CARTRIDGE | EA | 1 |
| 7 | 14 | PAOZZ | 5920-00-850-6091 | FO2B250V1AS | 81349 | FUSE, CARTRIDGE | EA | 2 |
| | | | | | 21 | | | |



LEFT SIDE VIEW

FRONT VIEW

Figure 8. Amplifier, IF AM-3339/TPN-8

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SECTION II

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| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|----------------|-----------|--|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| | | | | | | GROUP 01070101 AMPLIFIER, IF AN-3339/TPN-8 | | |
| 8 | 24 | PAOZZ | 5960-00-615-9972 | 6206 | 81349 | ELECTRON TUBE..... | EA | 5 |
| 8 | 26 | PA01O | 5960-00-548-3072 | 6205 | 813491 | ELECTRON TUBE..... | EA | 3 |
| 8 | 28 | PAOZZ | 5960-00-262-0132 | 6111 | 81349 | ELECTRON TUBE..... | EA | 1 |
| | | | | | 23 | | | |

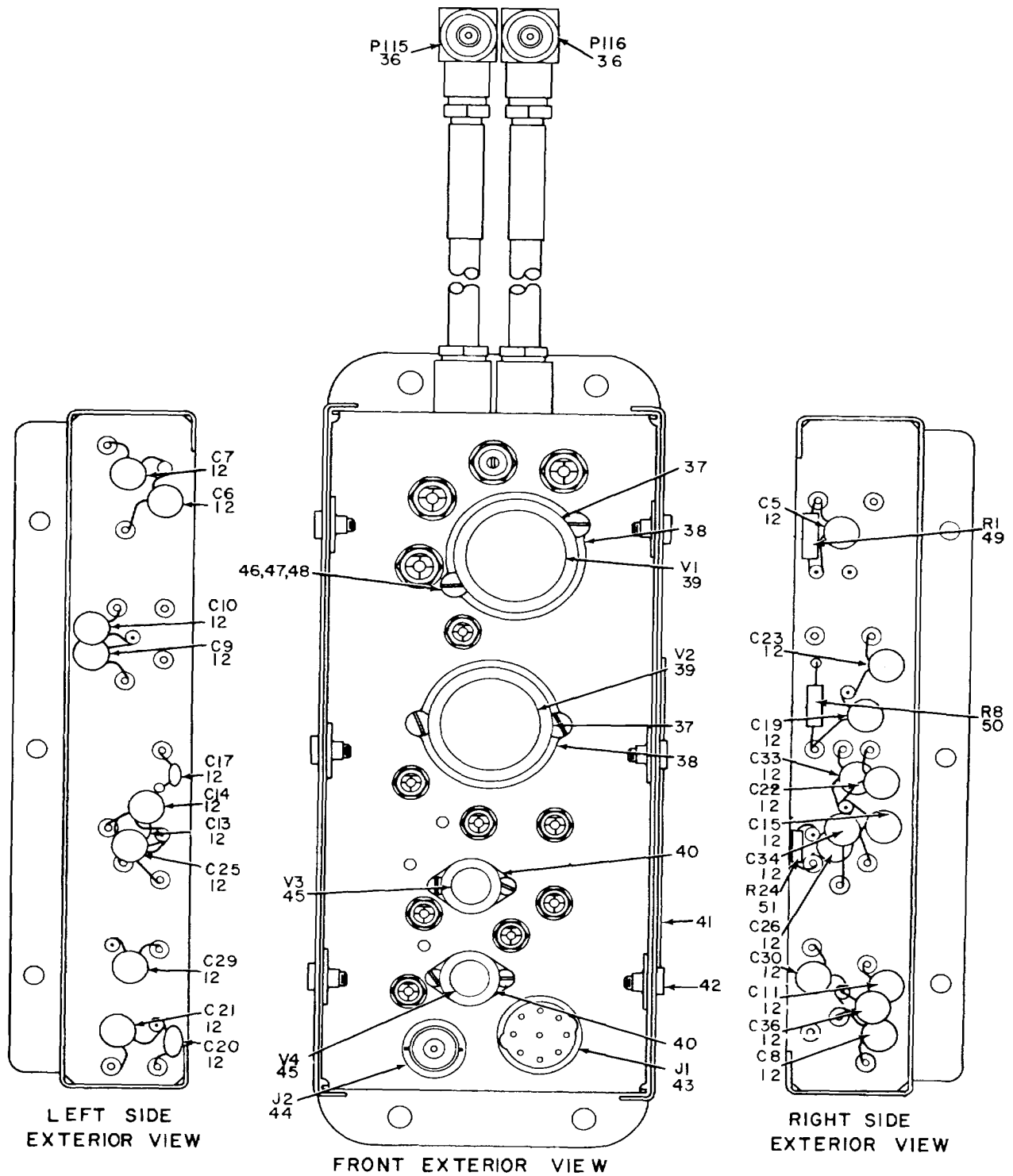
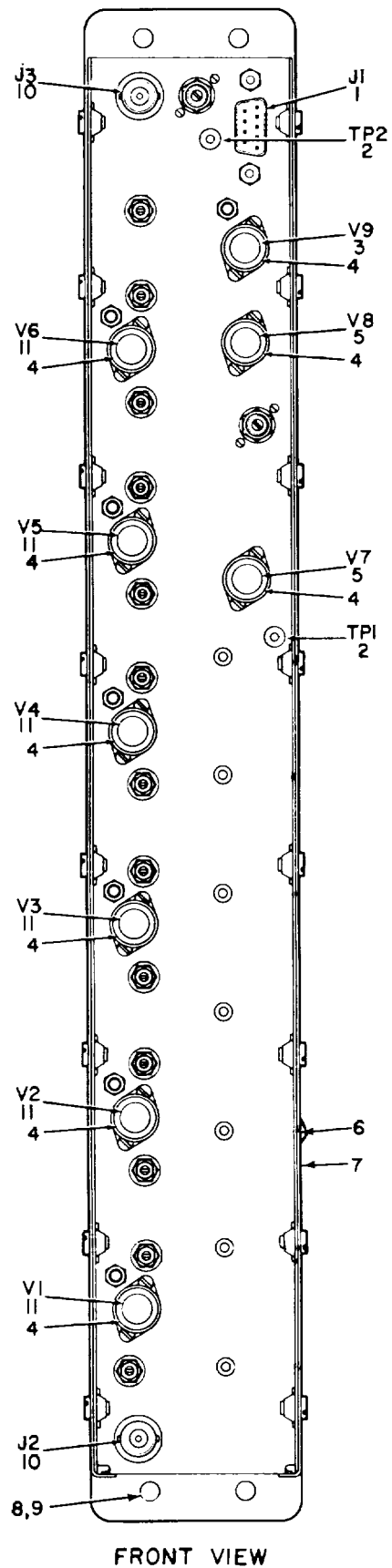


Figure 9. Amplifier, IF AM-3337/TPN-8.

SECTION II

TM 11-5749-281-20P

| (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. | | | | | | | |
| 9 | 37 | PAOZZ | 5960-00-882-3563 | MS22423-4 | 96906 | GROUP 01070102 AMPLIFIER, IF AN-3337/TPNB8 | | |
| 9 | 39 | PAOZZ | 5960-00-247-8748 | 5842 | 81349 | SHIELD, ELECTRON TUB | EA | 2 |
| 9 | 40 | PAOZZ | 5960-00-985-2783 | T3-30381 | 98978 | ELECTRON TUBE..... | EA | 2 |
| 9 | 45 | PAOZZ | 5960-00-548-3072 | 6205 | 81349 | SHIELD, ELECTRON TUB | EA | 2 |
| | | | | | 25 | ELECTRON TUBE..... | EA | 2 |



FRONT VIEW

Figure 10. Amplifier, IF AM-3338/TPN-8.

| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|----------------|-------|--|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| | | | | | | GROUP 01070104 AMPLIFIER, IF AM-3338/TPN-8 | | |
| 10 | 3 | PAOZZ | 5960-00-261-8679 | 6021 | 81349 | ELECTRON TUBE | EA | 1 |
| 10 | 4 | PAOZZ | 5960-00-985-2783 | T3-3031B | 98978 | SHIELD, ELECTRON TUB | EA | 9 |
| 10 | 5 | PAOZZ | 5960-00-615-9972 | 6206 | 81349 | ELECTRON TUBE | EA | 2 |
| 11 | 11 | PAOZZ | 5960-00-548-3072 | 6205 | 81349 | ELECTRON TUBE | EA | 6 |
| 27/(28 blank) | | | | | | | | |

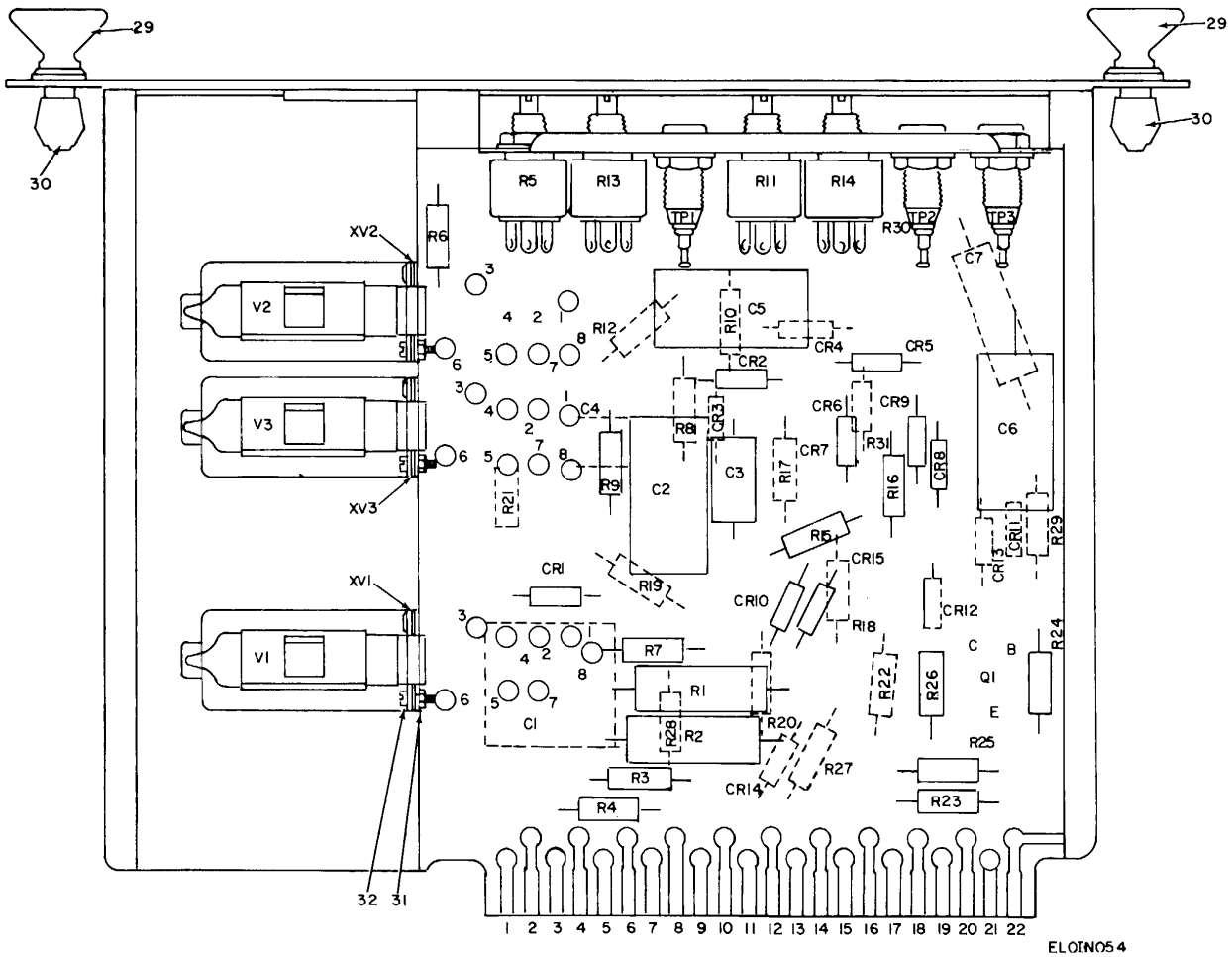


Figure 11. Control, Sensitivity Time (Sheet 1 of 2).

| REF DES | ITEM NO | REF DES | ITEM NO | REF DES | ITEM NO | REF DES | ITEM NO |
|------------|------------|------------|------------|------------|------------|------------|------------|
| C1 | 1 | CR10 | 7 | R10 | 18 | R26 | 14 |
| C2 | 2 | CR11 | 7 | R11 | 19 | R27 | 13 |
| C3 | 3 | CR12 | 8 | R12 | 13 | R28 | 14 |
| C4 | 4 | CR13 | 7 | R13 | 20 | R29 | 14 |
| C5 | 2 | CR14 | 9 | R14 | 20 | R30 | 17 |
| C6 | 2 | CR15 | 7 | R15 | 21 | R31 | 17 |
| C7 | 5 | Q1 | 10 | R16 | 21 | TP1 | 26 |
| CR1 | 6 | R1 | 11 | R17 | 17 | TP2 | 26 |
| CR2 | 7 | R2 | 12 | R18 | 17 | TP3 | 26 |
| CR3 | 8 | R3 | 13 | R19 | 22 | V1 | 27 |
| CR4 | 8 | R4 | 14 | R20 | 14 | V2 | 27 |
| CR5 | 8 | R5 | 15 | R21 | 22 | V3 | 27 |
| CR6 | 7 | RS | 16 | R22 | 14 | XV1 | 28 |
| CR7 | 8 | R7 | 14 | R23 | 23 | XV2 | 28 |
| CR8 | 7 | R8 | 17 | R24 | 24 | XV3 | 28 |
| CR9 | 8 | R9 | 13 | R25 | 25 | | |

ELOIN055

Figure 11. Control, Sensitivity Time (Sheet 2 of 2).

SECTION II

TM 11-5749-281-20P

| (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 | U/M | QTY INC IN UNIT |
| 11 | 27 | PAOZZ | 5960-00-261-8679 | 6021 | 81349 | GROUP 01070107 CONTROL, SENSITIVITY TIME ELECTRON TUBE..... | EA | 3 |

31/(32 blank)

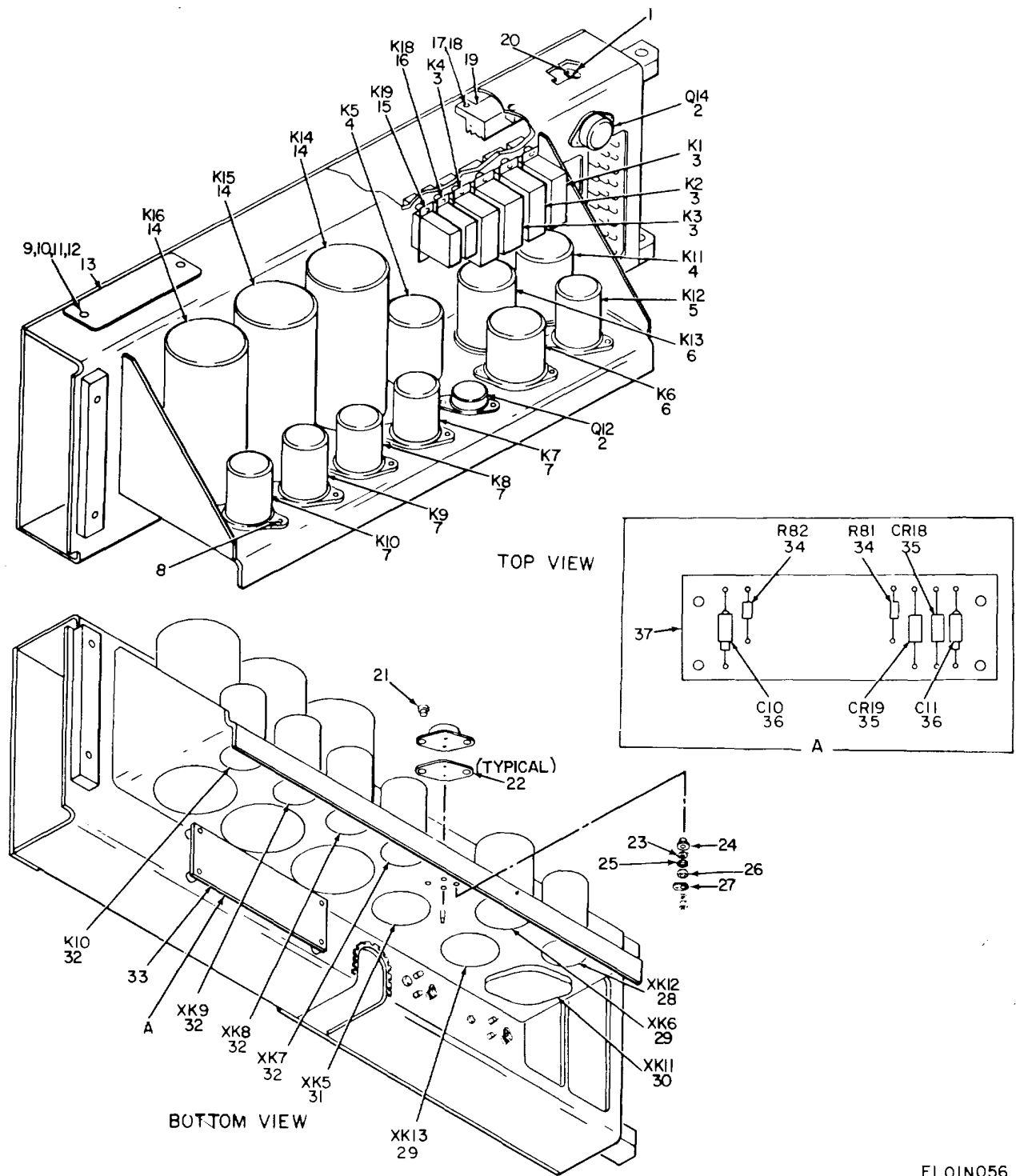
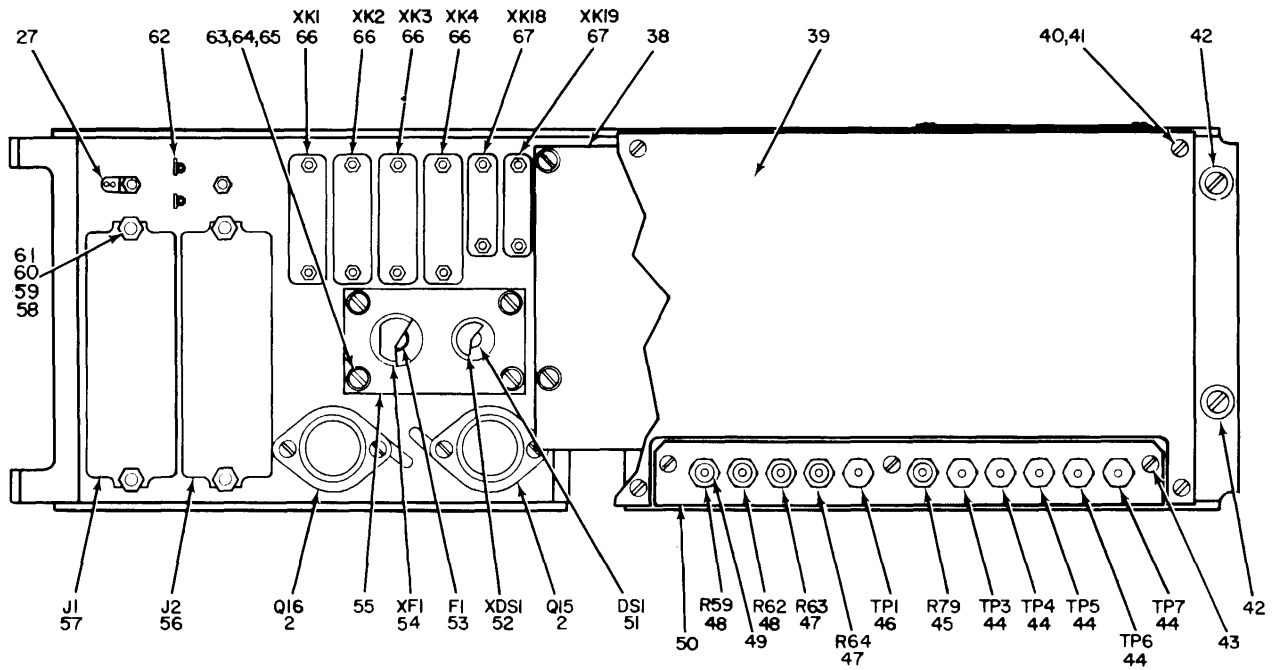


Figure 12. Control, Remote Switching C-6989/TPN-18 (Sheet 1 of 2).



INTERIOR VIEW

Figure 12. Control, Remote Switching C-6989/TPN-18 (sheet 2 of 2).

SECTION II

TM 11-5749-281-20P

| (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 | U/M | QTY INC IN UNIT |
| | | | | | | GROUP 01070108 CONTROL, REMOTE SWITCHING C-6989/TPN-18 | | |
| 12 | 3 | PAOZZ | 5945-00-781-7899 | G370063S1 | 24930 | RELAY, ARMATURE | EA | 4 |
| 12 | 4 | PAOZZ | 5945-00-937-1827 | G370060S1 | 24930 | RELAY, ARMATURE | EA | 2 |
| 12 | 5 | PAOZZ | 5945-00-782-7921 | G370061S2 | 24930 | RELAY, ARMATURE | EA | 1 |
| 12 | 6 | PAOZZ | 5945-00-824-1526 | G370009S1 | 24930 | RELY, ARMATURE | EA | 2 |
| 12 | 7 | PAOZZ | 5945-00-838-1330 | G370059S1 | 24930 | RELAY, ARMATURE | EA | 4 |
| 12 | 14 | PAOZZ | 5945-0-827-7203 | G370005S1 | 24930 | RELAY, ARMATURE | EA | 3 |
| 12 | 15 | PAOZZ | 5945-00-824-1525 | G370057S1 | 24930 | RELAY, ARMATURE | EA | 1 |
| 12 | 16 | PAOZZ | 5945-00-043-0415 | G370058S1 | 24930 | RELAY, ARMATURE | EA | 1 |
| 12 | 51 | PAOZZ | 6240-00-763-7744 | MS18209-387 | 96906 | LAMP, INCANDESCENCE | EA | 1 |
| 12 | 53 | PAOZZ | 5920-00-284-7466 | MDX4 | 71400 | FUSE, CARTRIDGE | EA | 1 |

35/(36 blank)

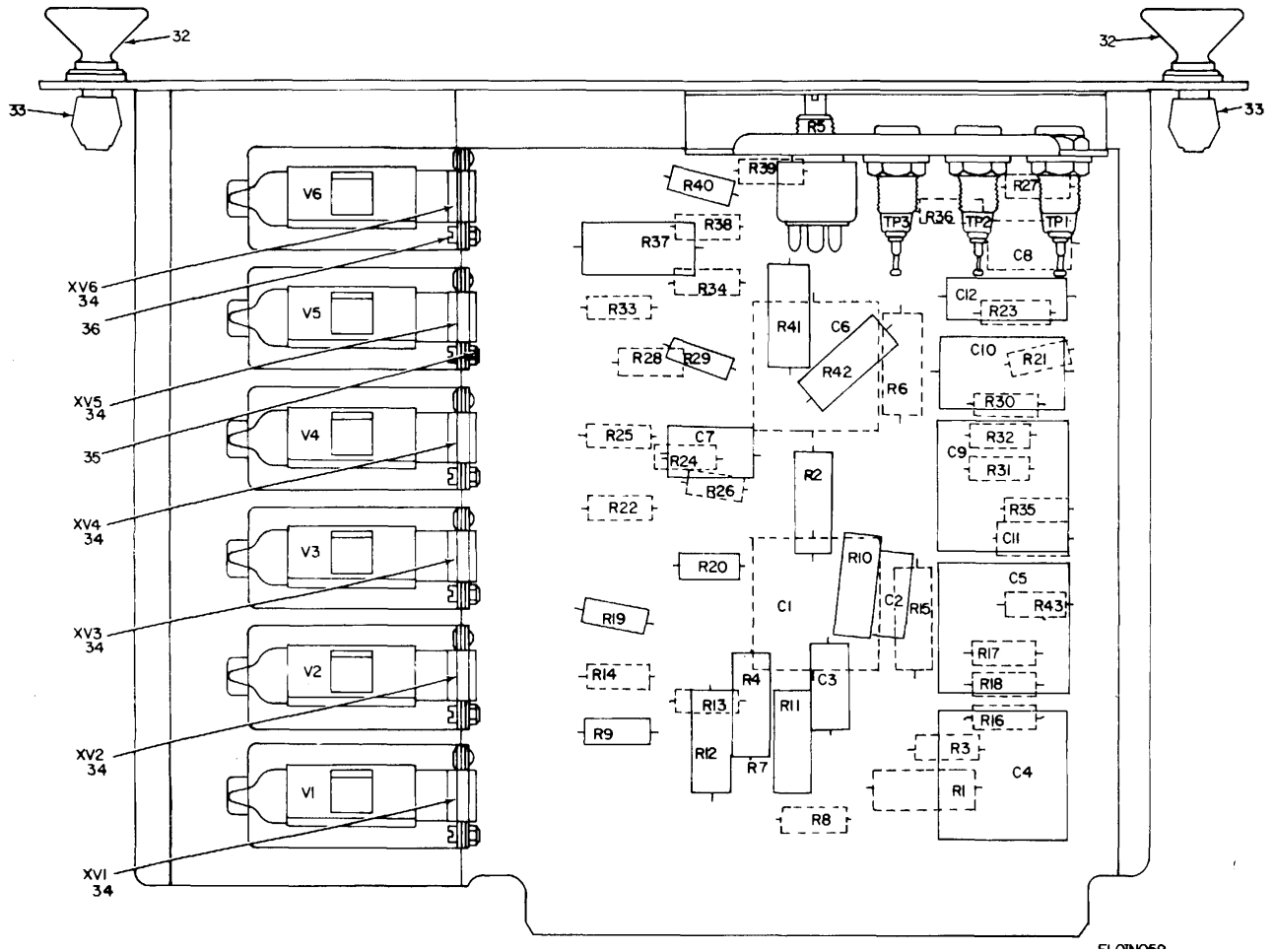


Figure 13. Filter, Electronic (Sheet 1 of 2).

| REF. DES. | ITEM NO | REF DES | ITEM. NO. | REF. DES. | ITEM NO. | REF. DES. | ITEM NO. | REF. DES. | ITEM NO. |
|-----------|---------|---------|-----------|-----------|----------|-----------|----------|-----------|----------|
| C1 | 1 | R2 | 8 | R15 | 15 | R28 | 14 | R41 | 21 |
| C2 | 2 | R3 | 9 | R16 | 18 | R29 | 16 | R42 | 26 |
| C3 | 2 | R4 | 10 | R17 | 19 | R30 | 19 | R43 | 27 |
| C4 | 3 | R5 | 11 | R18 | 20 | R31 | 18 | TP1 | 28 |
| C5 | 4 | R6 | 12 | R19 | 21 | R32 | 20 | TP2 | 29 |
| C6 | 1 | R7 | 10 | R20 | 9 | R33 | 21 | TP3 | 29 |
| C7 | 2 | R8 | 13 | R21 | 22 | R34 | 9 | V1 | 30 |
| C8 | 5 | R9 | 14 | R22 | 22 | R35 | 22 | V2 | 30 |
| C9 | 3 | R10 | 8 | R23 | 9 | R36 | 23 | V3 | 30 |
| C10 | 6 | R11 | 8 | R24 | 16 | R37 | 24 | V4 | 30 |
| C11 | 5 | R12 | 15 | R25 | 17 | R38 | 25 | V5 | 30 |
| C12 | 7 | R13 | 16 | R26 | 9 | R39 | 23 | V6 | 31 |
| R1 | 8 | R14 | 17 | R27 | 9 | R40 | 25 | | |

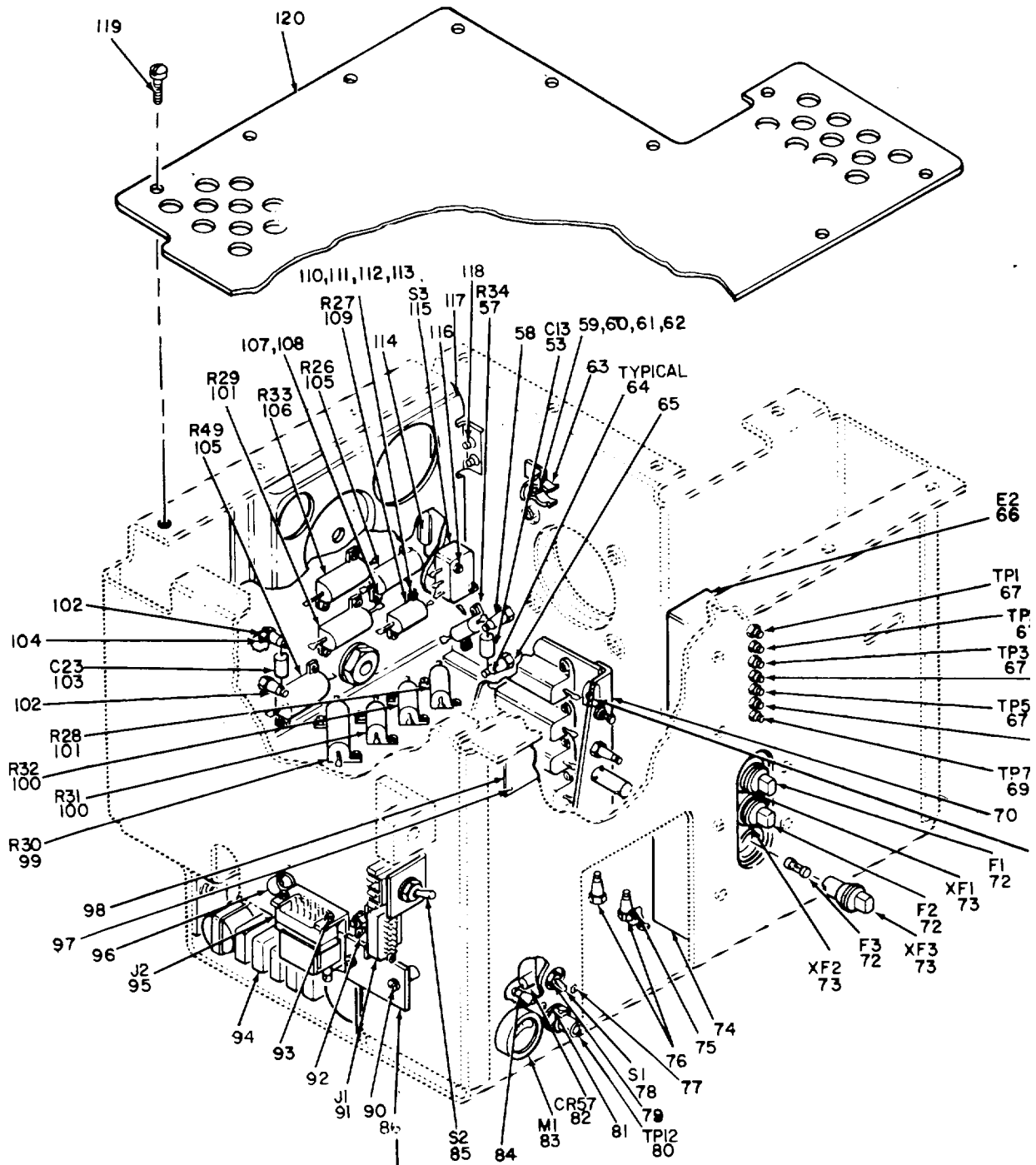
Figure 13. Filter, Electronic (Sheet 2 of 2).

ELOIN 060

SECTION II

TM 11-5749-281-20P

| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|----------------|-------|-----------------------------------|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| 13 | 30 | PAOZZ | 5960-00-280-5585 | 6112 | 81349 | GROUP 01070109 FILTER, ELECTRONIC | | |
| 13 | 31 | PAOZZ | 5960-00-262-0132 | 6111 | 81349 | ELECTRON TUBE..... | EA | 5 |
| | | | | | | ELECTRON TUBE..... | EA | 1 |
| 39/(40 blank) | | | | | | | | |



INTERNAL VIEW

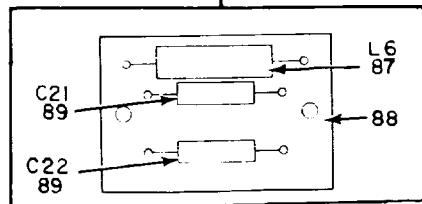
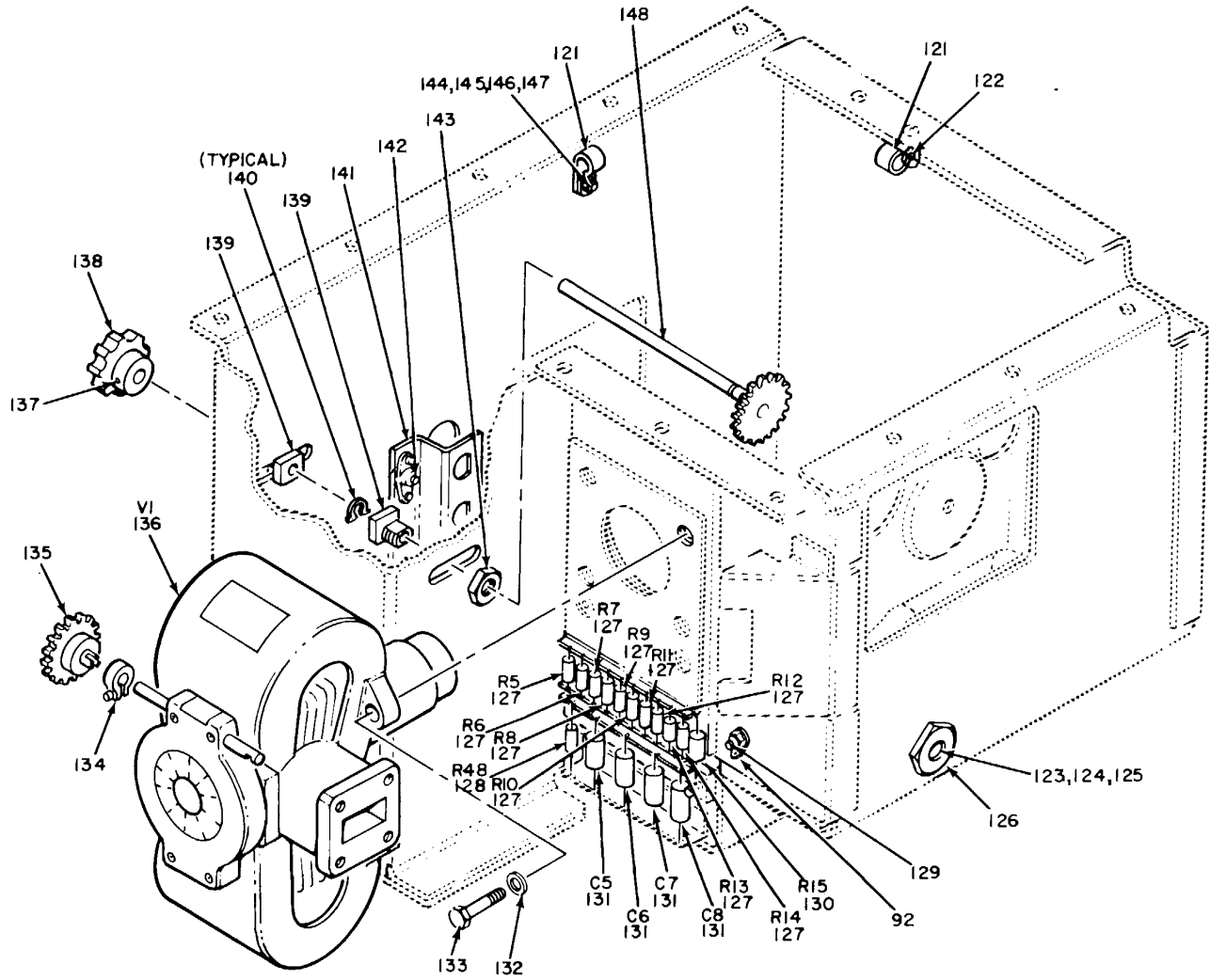


Figure 14. Transmitter, Radar (Sheet of 2)



REAR VIEW MISC. DETAIL
 Figure 14. Transmitter, Radar (Sheet 2 of 2)
 42

SECTION II

TM 11-5749-281-20P

| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|----------------|-----------|-----------------------------------|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| | | | | | | GROUP 01070114 TRANSMITTER, RADAR | | |
| 14 | 72 | PAOZZ | 5920-00-384-7466 | MDX4 | 71400 | FUSE, CARTRIDGE | EA | 3 |
| 14 | 136 | PAOZZ | 5960-00-899-4077 | 7006 | 81349 | ELECTRON TUBE..... | EA | 1 |
| 14 | 137 | PAOZZ | 5305-00-719-5352 | MS51963-34 | 96906 | SETSCREW | EA | 1 |
| 14 | 138 | PAOZZ | 5355-00-619-3837 | MS91528-3N2B | 96906 | KNOB | EA | 1 |
| | | | | | 43 | | | |

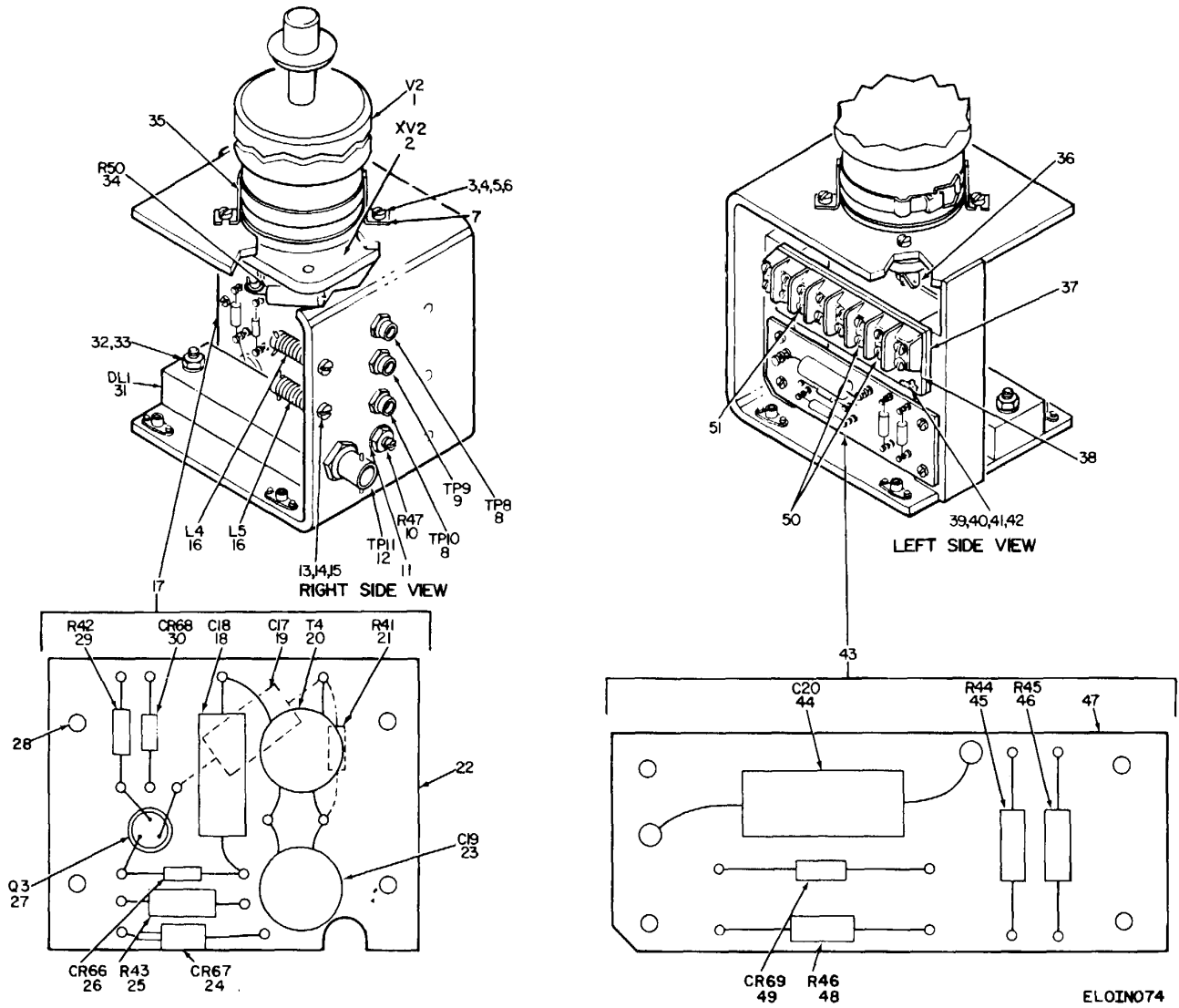
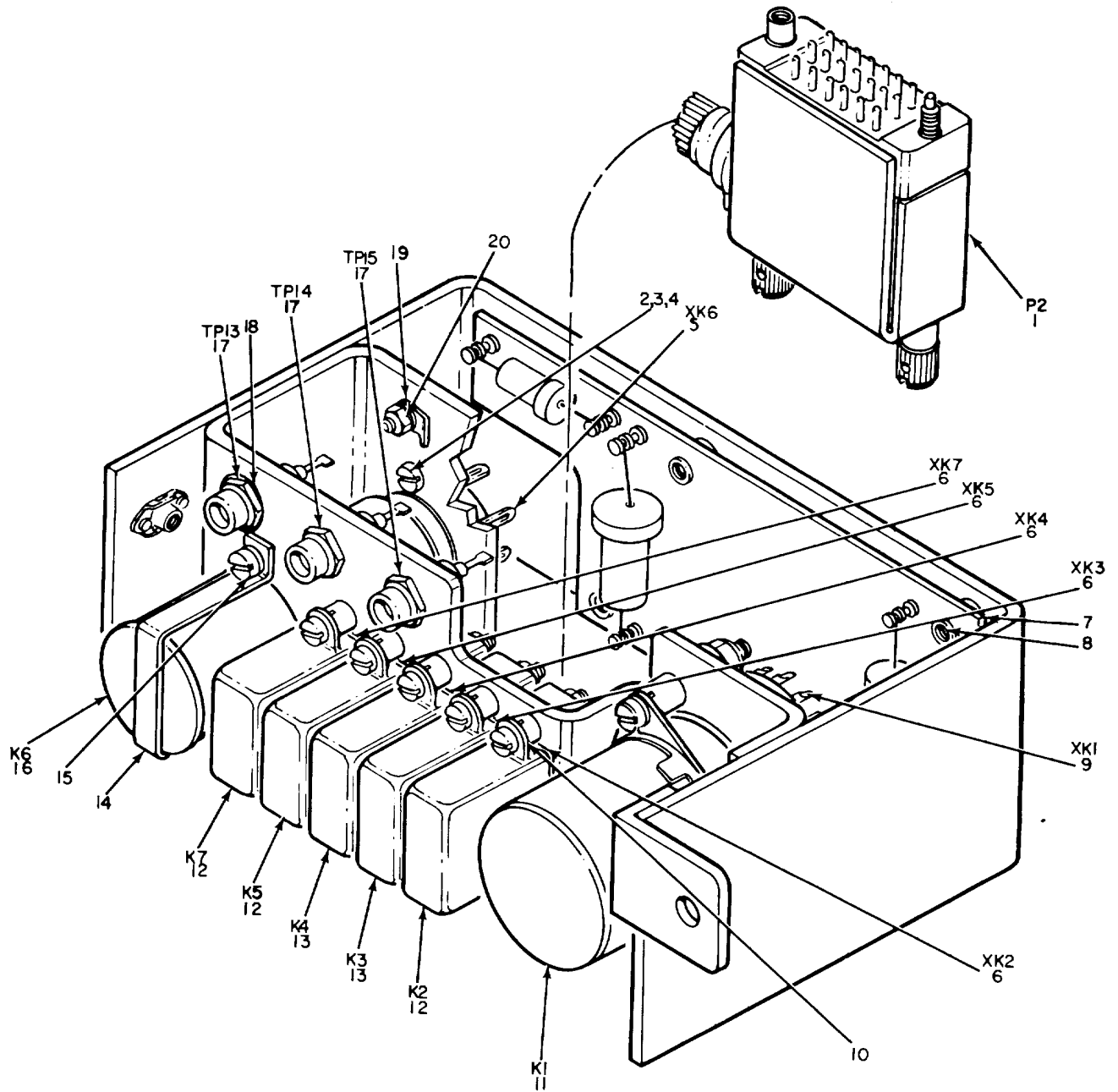


Figure 15. Transmitter, Radar, Transmitter Subassembly (MP58).

SECTION II

TM 11-5749-281-20P

| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|----------------|-------|-----------------------------------|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| 15 | 1 | PAOZZ | 5960-00-836-6504 | 8613 | 81349 | ELECTRON TUBE..... | EA | 1 |
| | | | | | 45 | | | |



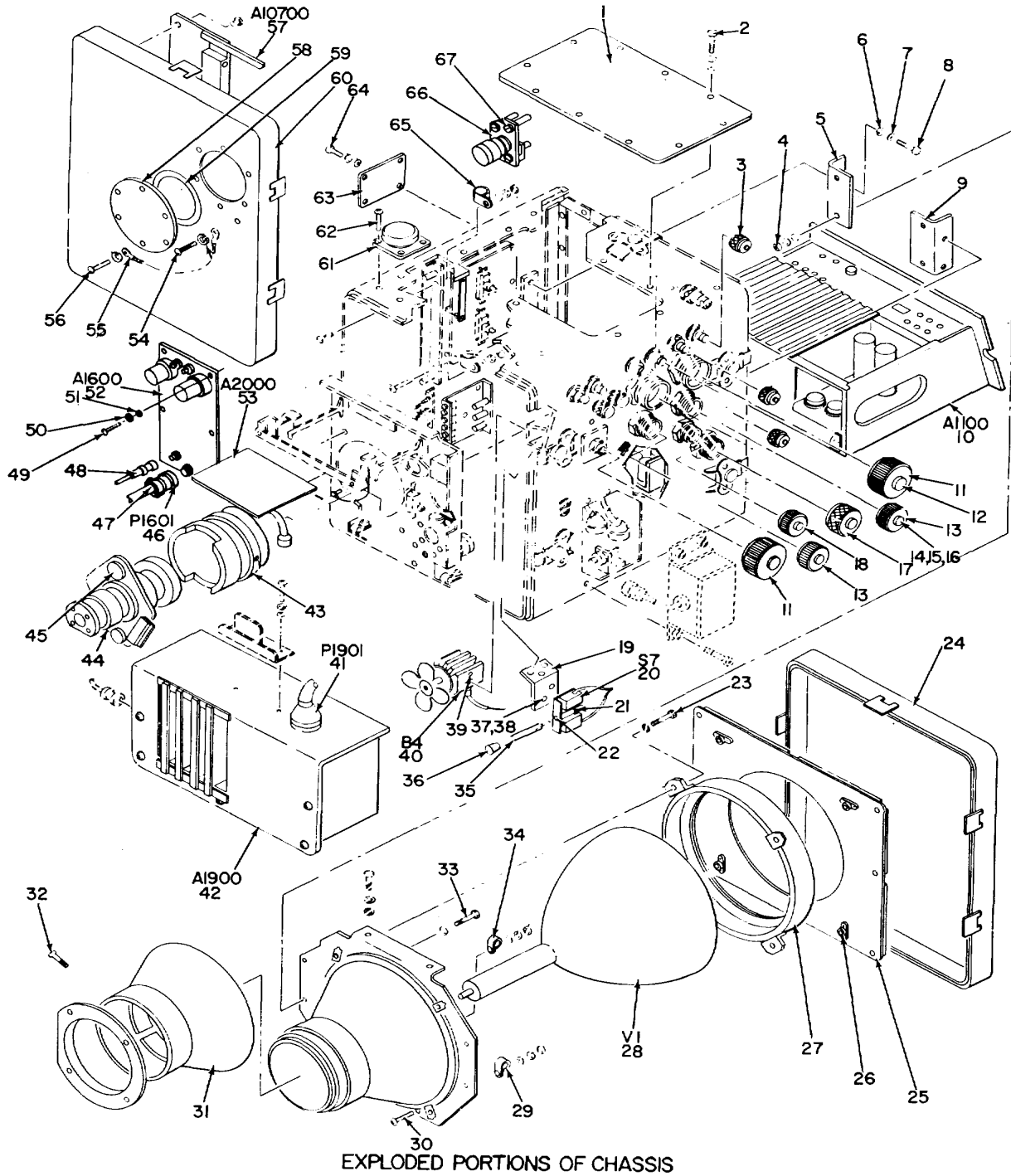
ELOIN075

Figure 16. Transmitter, Radar, Transmitter Subassembly (MP70)

SECTION II

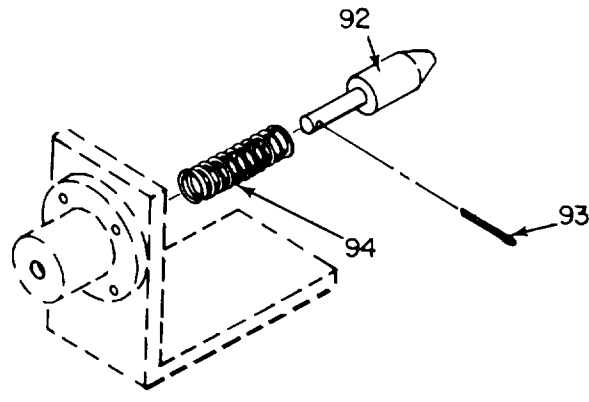
TM 11-5749-281-20P

| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------|-----------------------------|----------------|-------|-----------------------------------|-----|--------------------------|
| (a) FIG NO. | (b) ITEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION USABLE ON CODE | U/M | QTY INC IN UNIT |
| 16 | 11 | XDOZZ | | G370000S1 | 24930 | RELAY, ARMATURE | EA | 1 |
| 16 | 12 | PAOZZ | 5945-00-824-1525 | G370057S1 | 24930 | RELAY, ARMATURE | EA | 3 |
| 16 | 13 | PAOZZ | 5945-00-043-0415 | G370058S1 | 24930 | RELAY, ARMATURE | EA | 2 |
| 16 | 16 | PAOZZ | 5945 00-542-7021 | G370006S1 | 24930 | RELAY, THERMAL | EA | 1 |
| 47/(48 blank) | | | | | | | | |

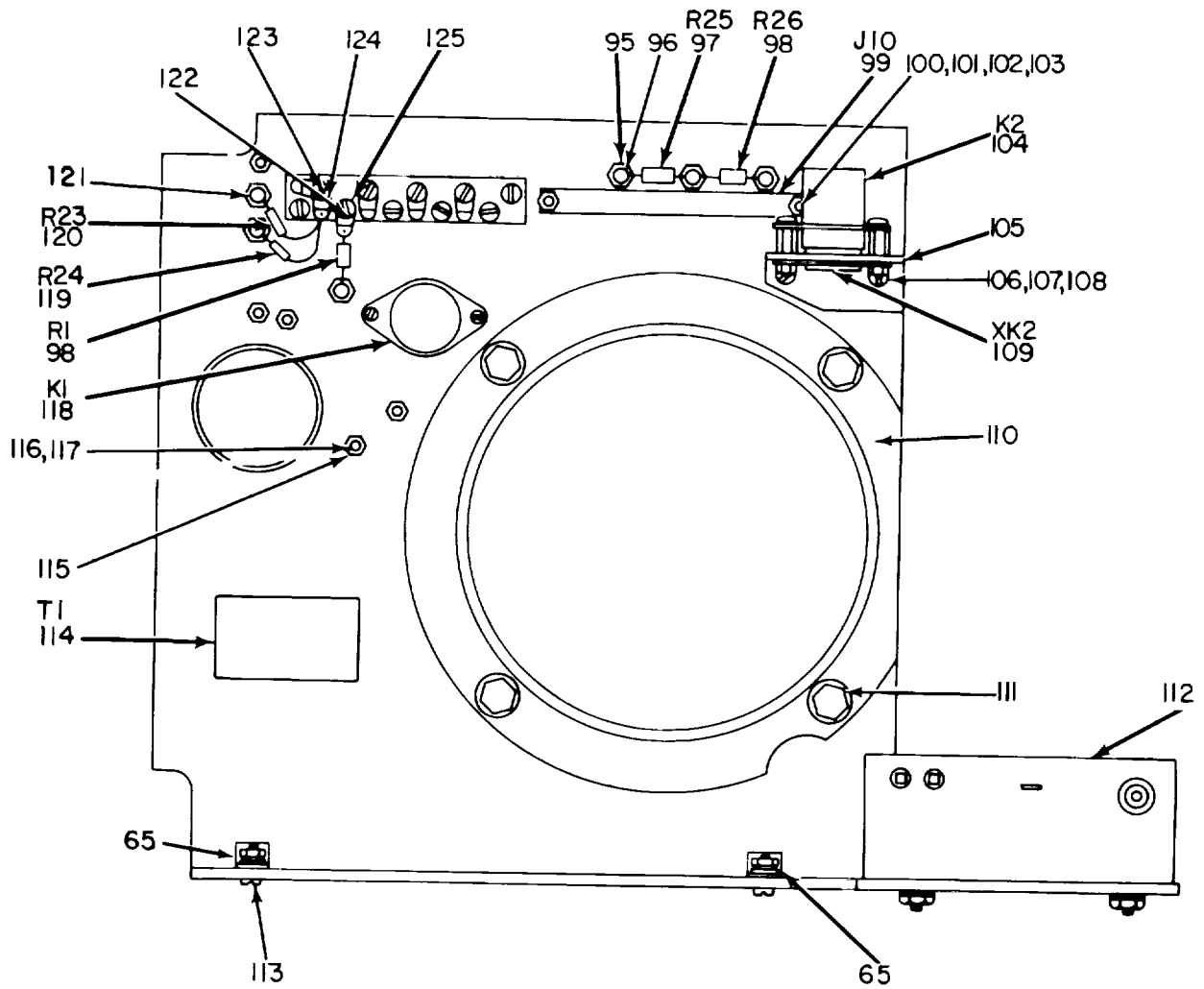


ELOIN08

Figure 17. Control Indicator C-6988/TPN-18 (Sheet 1 of 2).



GUIDE PIN



INTERNAL FRONT VIEW

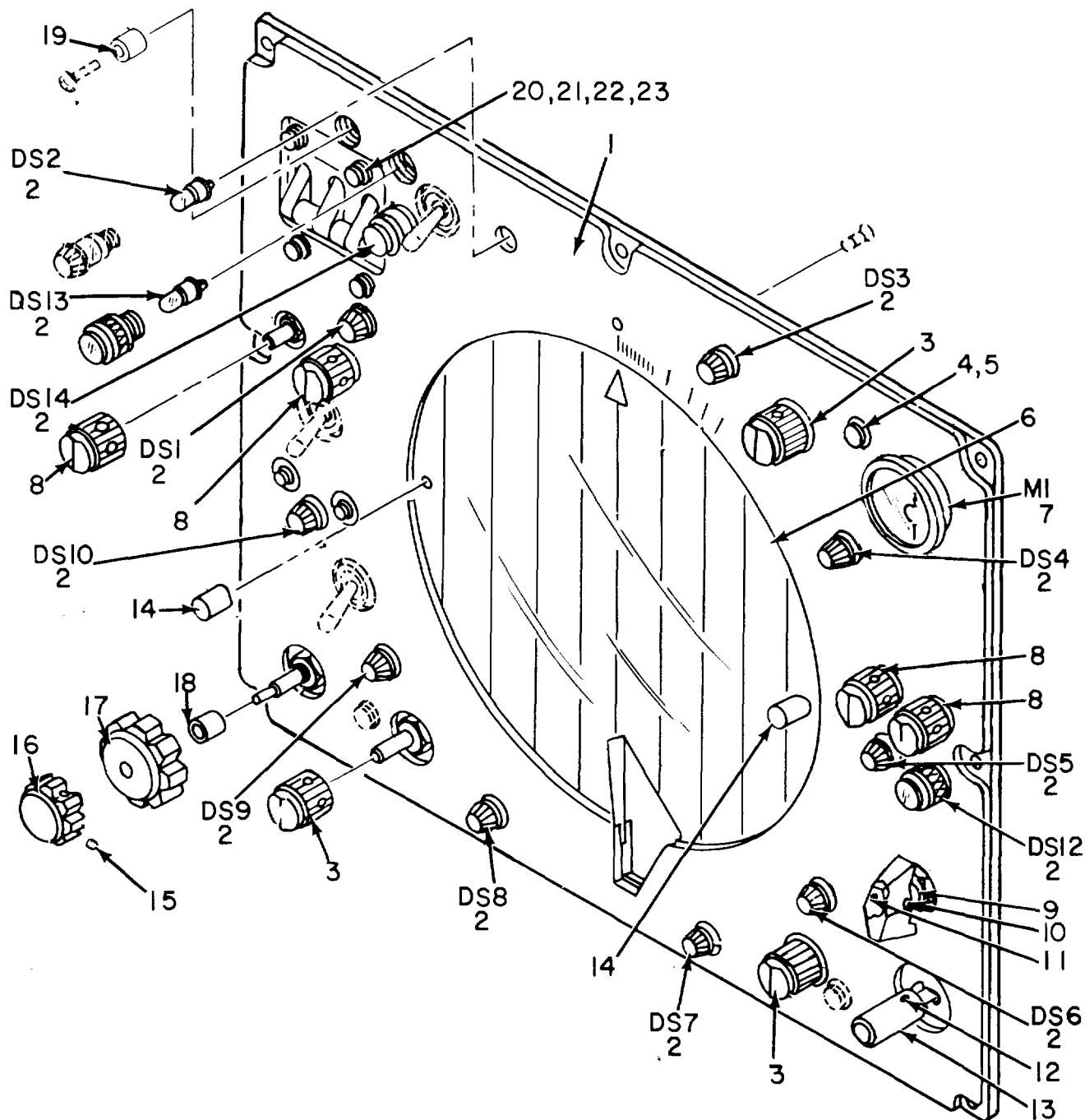
ELOIN083

Figure 17. Control Indicator C-6988/TPN-18 (Sheet 2 of 2).

SECTION II

TM 11-5840-281-20P

| (1) ILLUSTRATION | | (2) NATIONAL SMR CODE | (3) STOCK NUMBER | (4) DESCRIPTION QTY PART NUMBER UNIT | (5) FSCM | (6) INC USABLE ON CODE | (7) U/M | (8) IN |
|---------------------|--------------------|--------------------------------|------------------------|---|-------------|--|------------|-----------|
| (a) FIG NO. | (b) ITEM NO. | | | | | | | |
| | | | | | | GROUP 0201 CONTROL INDICATOR C-6988/TPN-18 | | |
| 17 | 10 | XDOHH | 01333TPN18 | 8005S | | GENERATOR PULSE | EA | 1 |
| 17 | 28 | XDOZZ | 10VPGIB119475 | 24930 | | ELECTRON TUBE | EA | 1 |
| 17 | 104 | PAOZZ | 5945-00-492-4431 | G370061S1 | 24930 | RELAY, ARMATUE..... | EA | 1 |
| 17 | 118 | PAOZZ | 5945-00-824-1526 | G370009S1 | 24930 | RELAY, ARMATURE | EA | 1 |
| 51/(52 BLANK) | | | | | | | | |



FRONT VIEW

ELOIN084

Figure 18. Control Indicator C-6988/TPN-18 Panel Assembly.
(Sheet 1 of 2).

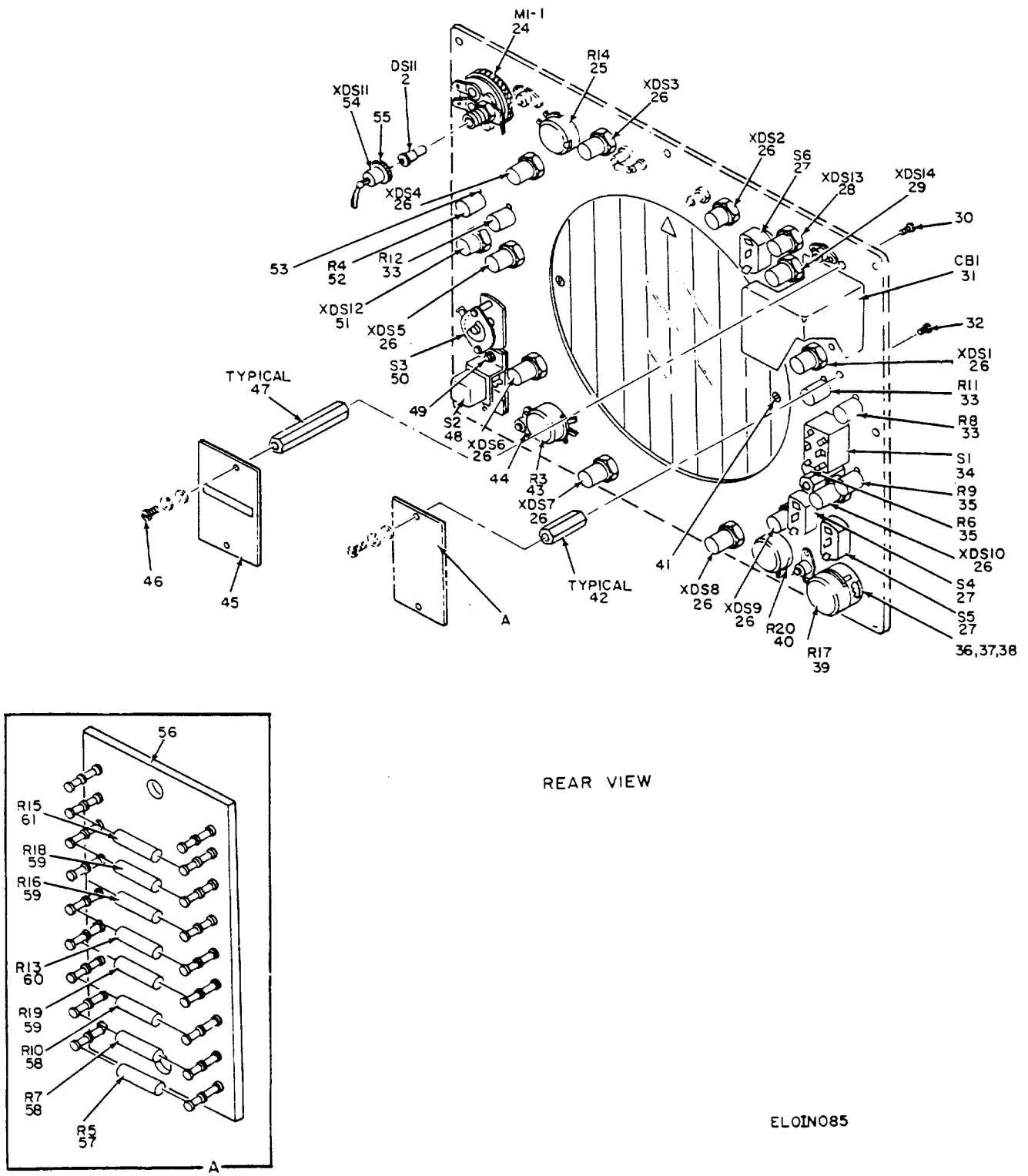
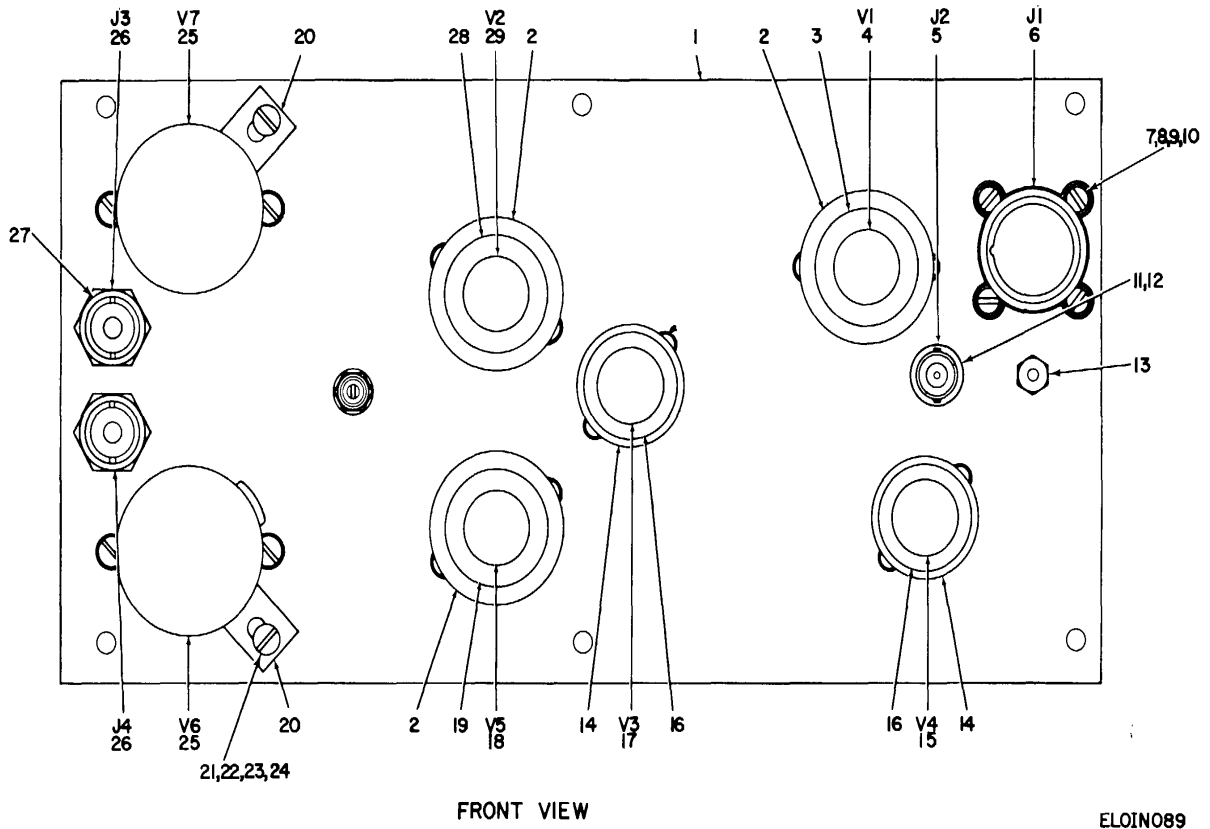


Figure 18. Control Indicator C-6988/TPN-18 Panel Assembly
(Sheet 2 of 2).

SECTION II

TM 11-5840-281-20P

| (1) ILLUSTRATION | | (2) NATIONAL SMR CODE | (3) STOCK NUMBER | (4) DESCRIPTION QTY PART NUMBER UNIT | (5) FSCM | (6) INC USABLE ON CODE | (7) U/M | (8) IN |
|---------------------|--------------------|--------------------------------|------------------------|---|-------------|------------------------------|------------|-----------|
| (a) FIG NO. | (b) ITEM NO. | | | | | | | |
| 18 | 2 | PAOZZ | 6240-00-763-7744 | MS 18209-3B7 | 96906 | LAMP, INCANDESCENCE..... | EA | 14 |
| 18 | 3 | PAOZZ | 5355-00-543-0789 | MS91528-1N2B | 96906 | KNOB | EA | 3 |
| 18 | 8 | PAOZZ | 5355-00-559-8942 | M591528-1N1B | 96906 | KNOB | EA | 4 |
| 18 | 9 | PAOZZ | 5355-00-571-0243 | 65727-2 | 24930 | KNOB | EA | 1 |
| 18 | 10 | PAOZZ | 5305-00-719-5329 | MS51963-20 | 96906 | SETSCREW | EA | 1 |
| 18 | 11 | PAOZZ | 5305-00-719-5338 | MS51963-23 | 96906 | SETSCREW | EA | 1 |
| 18 | 12 | PAOZZ | 5305-00-719-5336 | MS51017-33 | 96906 | SETSCREW | EA | 2 |
| 18 | 13 | PAOZZ | 5355-00-057-7988 | 102986 | 24930 | 3KNOB | EA | 1 |
| 18 | 15 | PAOZZ | 5305-00-719-5346 | AN565D08H4 | 88044 | SETSCREW | EA | 2 |
| 18 | 16 | PAOZZ | 5355-00-543-0818 | 71783 | 24930 | KNOB | EA | 1 |
| 18 | 17 | XDOZZ | 102782 | 24930 | | KNOB | EA | 1 |



ELOIN089

Figure 19. Amplifier, Rotating Coil (Sheet 1 of 2).

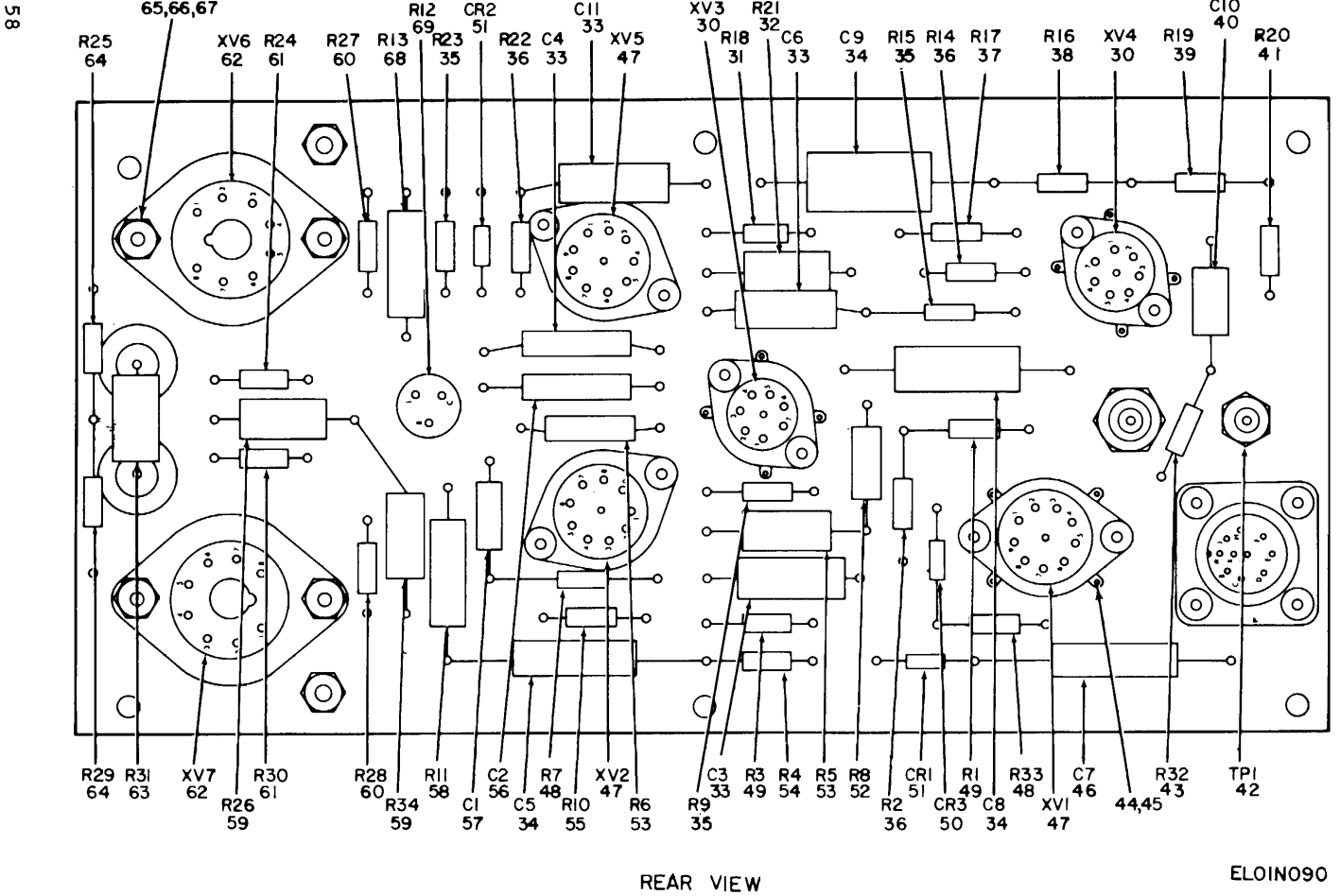


Figure 19. Amplifier. Rotating Coil (Sheet 2 of 2).

SECTION II

TM 11-5840-281-20P

| (1) ILLUSTRATION | | (2) NATIONAL SMR CODE | (3) STOCK NUMBER | (4) DESCRIPTION QTY PART NUMBER UNIT | (5) FSCM | (6) INC USABLE ON CODE | (7) U/M | (8) IN |
|---------------------|--------------------|--------------------------------|------------------------|---|-------------|---------------------------------------|------------|-----------|
| (a) FIG NO. | (b) ITEM NO. | | | | | | | |
| | | | | | | GROUP 020101 AMPLIFIER, ROTATING COIL | | |
| 19 | 3 | PAOZZ | 5960-00-725-0527 | MS24232-6 | 96906 | SHIELD, ELECTRON TUB | EA | 1 |
| 19 | 4 | PAOZZ | 5960-00-807-5272 | 6877 | 81349 | ELECTRON TUBE | EA | 1 |
| 19 | 15 | PAOZZ | 5960-00-681-9802 | 6AU6WB | 81349 | ELECTRON TUBE | EA | 1 |
| 19 | 16 | PAOZZ | 5960-00-681-9769 | mS24232-2 | 96906 | SHIELD, ELECTRON TUB | EA | 2 |
| 19 | 17 | PAOZZ | 5960-00-262-0286 | 5651WA | 81349 | ELECTRON TUBE | EA | 1 |
| 19 | 18 | PAOZZ | 5960-00-188-6584 | 5670 | 81349 | ELECTRON TUBE | EA | 1 |
| 19 | 19 | PAOZZ | 5960-00-82-3563 | MS24232-4 | 96906 | SHIELD, ELECTRON TUB | EA | 1 |
| 19 | 25 | PAOZZ | 5960-00-578-1652 | 6384 | 81349 | ELECTRON TUBE | EA | 2 |
| 19 | 28 | PAOZZ | 5960-00-870-8262 | MS24232-5 | 96906 | SHIELD, ELECTRON TUB | EA | 1 |
| 19 | 29 | PAOZZ | 5960-00-082-4139 | 5751 | 81349 | ELECTRON TUBE | EA | 1 |
| 19 | 47 | PAOZZ | 5935-00-892-8987 | TS103P03 | 81349 | SOCKET, PLUG-IN ELEC | EA | 3 |
| 59/(60 BLANK) | | | | | | | | |

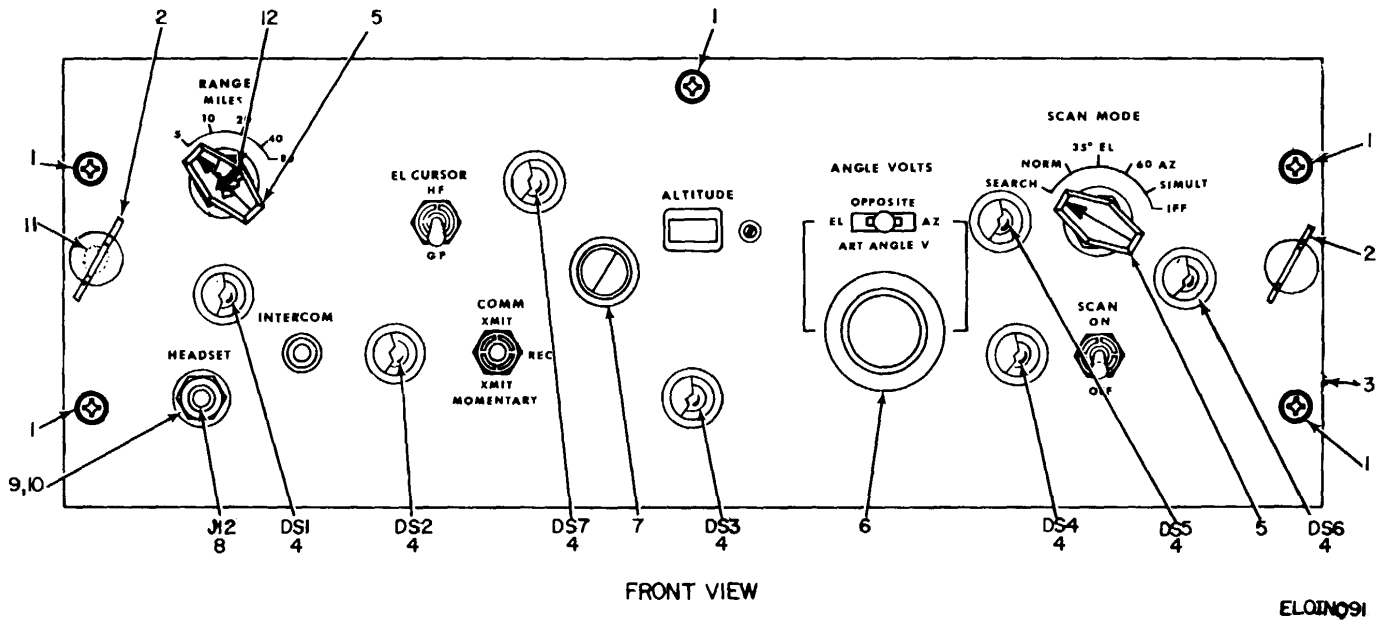
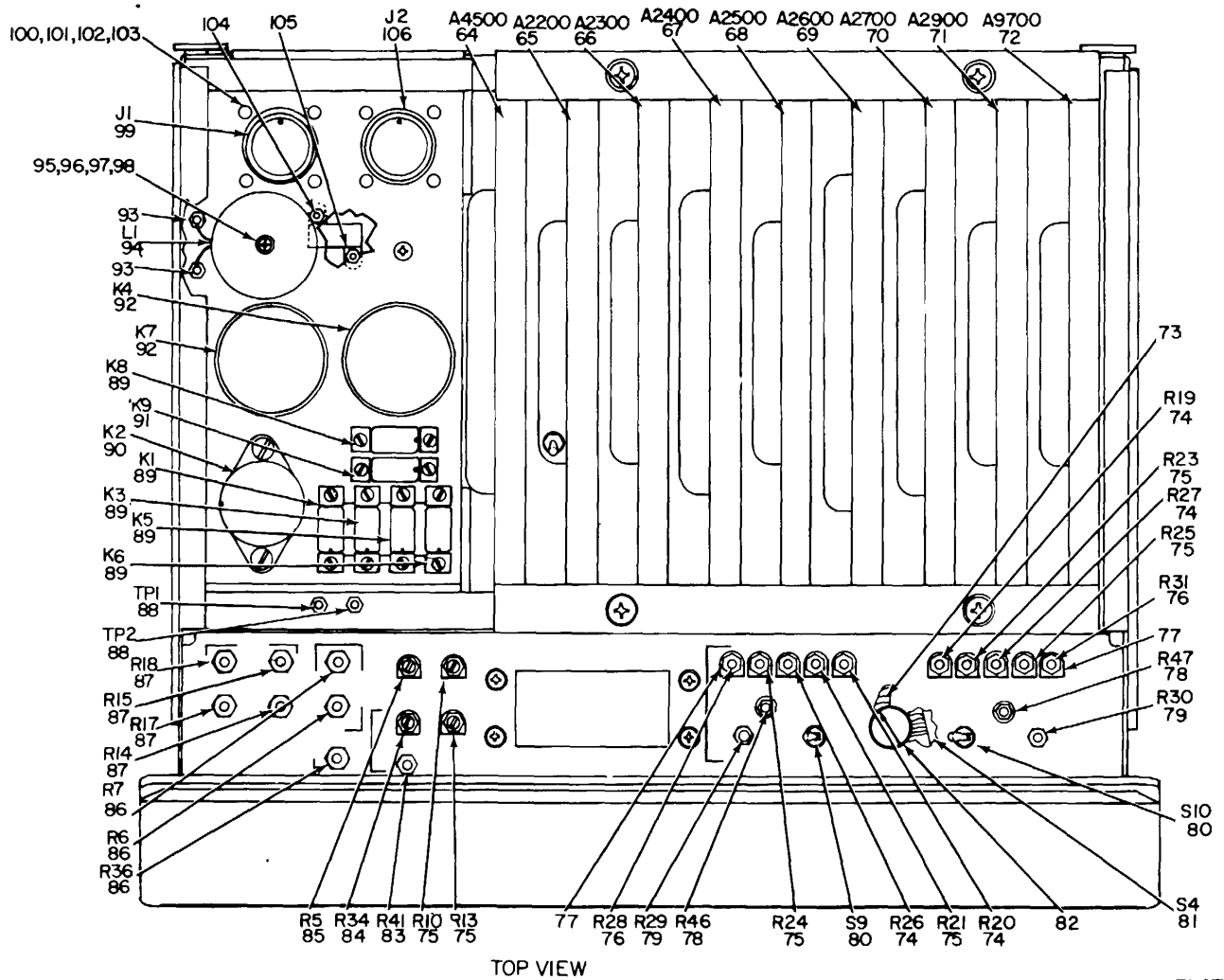


Figure 20. Generator, Pulse 0-1333/TPN-18 (Sheet 1 of 2)

f



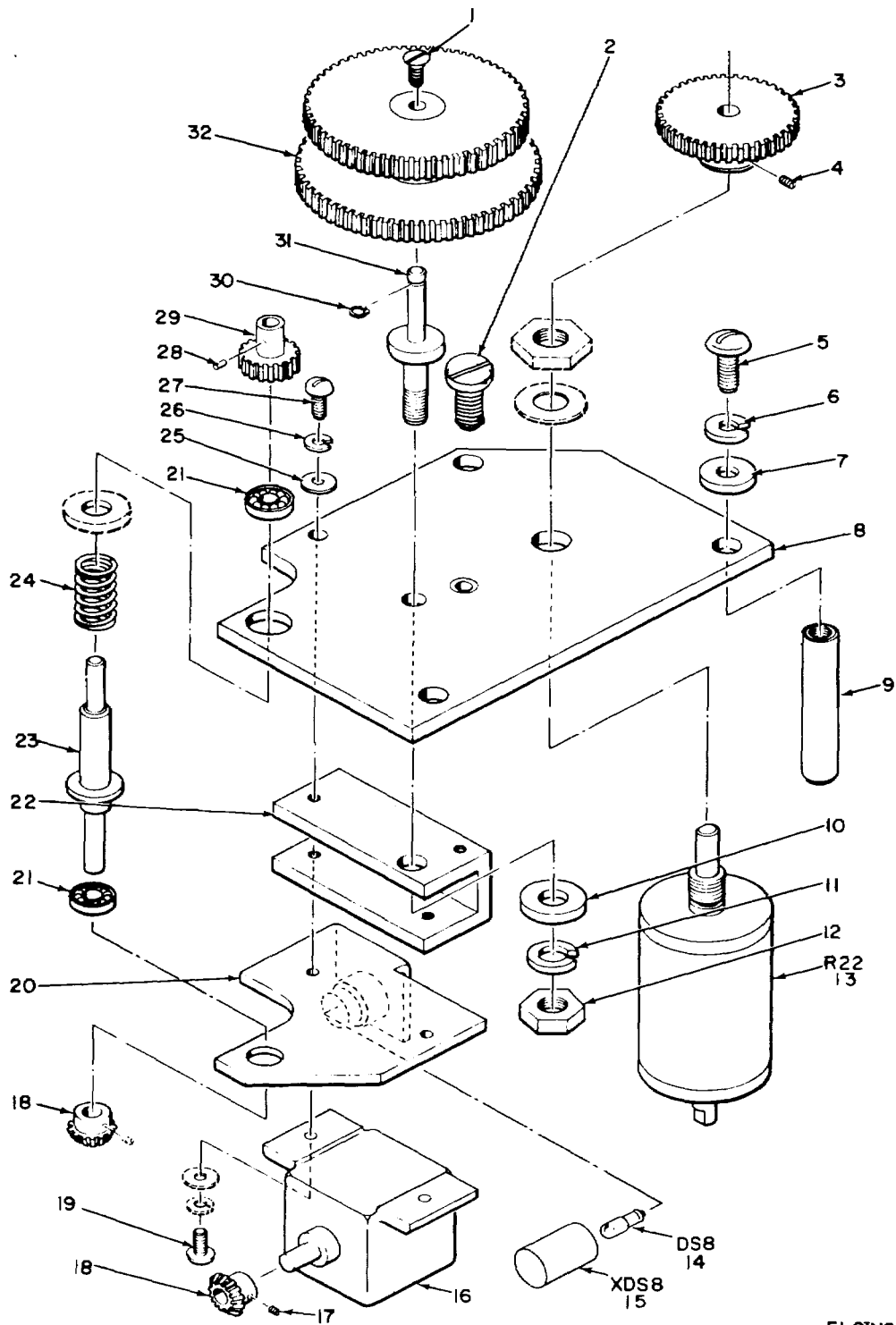
ELOIN094

Figure 20. Generator, Pulse 0-1333/TPN1-18 (Sheet 2 of 2).

SECTION II

TM 11-5840-281-20P

| (1) ILLUSTRATION | | (2) NATIONAL SMR CODE | (3) STOCK NUMBER | (4) DESCRIPTION QTY PART NUMBER UNIT | (5) FSCM | (6) INC USABLE ON CODE | (7) U/M | (8) IN |
|---------------------|--------------------|--------------------------------|------------------------|---|-------------|--|------------|-----------|
| (a) FIG NO. | (b) ITEM NO. | | | | | | | |
| | | | | | | GROUP 020102 GENERATOR,PULSE 0-1333/TP -18 | | |
| 20 | 4 | PAOZZ | 6240-00-763-7744 | MS 18209-387 | 96906 | LAMP, INCANDESCENCE..... | EA | 7 |
| 20 | 5 | PAOZZ | 535-00-571-02431 | 6527-2 | 24930 | KNOB | EA | 2 |
| 20 | 7 | PAOZZ | 5355-00-559-8942 | MS91528-1N1B | 96906 | KNOB | EA | 1 |
| 20 | 12 | PAOZZ | 5305-00-719-5330 | MS51017-21 | 96906 | SETSCREW | EA | 4 |
| 20 | 73 | PAOZZ | 5305-00-717-6949 | 11551963-0 | 96906 | SETSCREW | EA | 2 |
| 2082P | | PAOZZ | 5355-00-619-9413 | 65728 | 24930 | KNOB | EA | 1 |
| 20 | 89 | PAOZZ | 5945-00-043-0415 | G370058S1 | 24930 | RELAY, ARMATURE | EA | 5 |
| 20 | 90 | PAOZZ | 5945-00-824-1526 | G370009S1 | 24930 | RELAY, ARMATURE | EA | 1 |
| | | | | | 63 | | | |



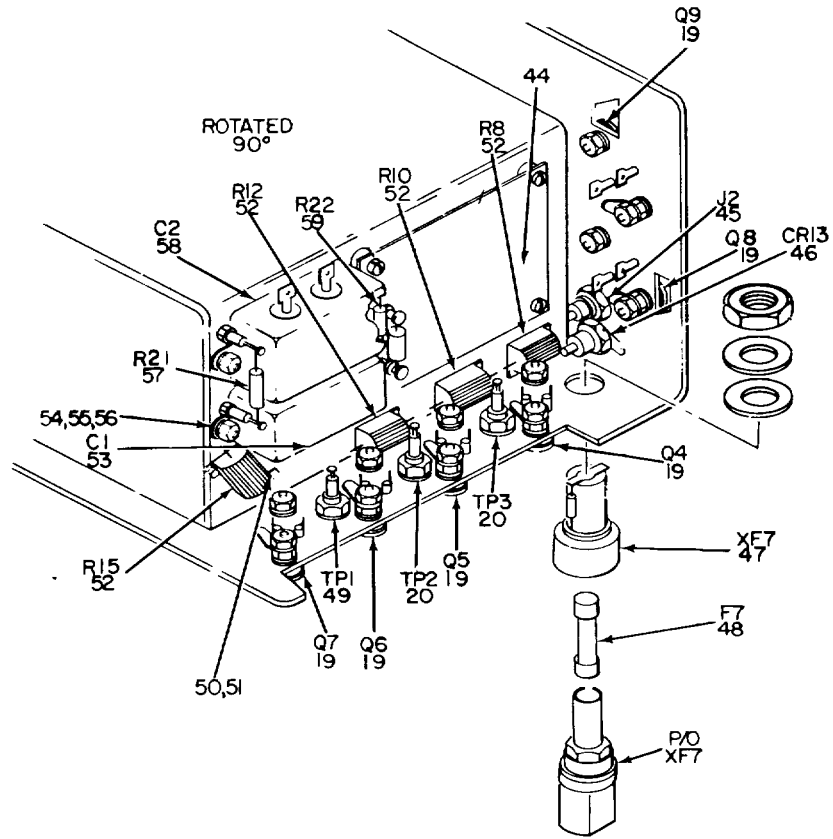
ELOIN097

Figure 21. Generator, Pulse 0-1333/TPN-18 Height Finder Assembly.

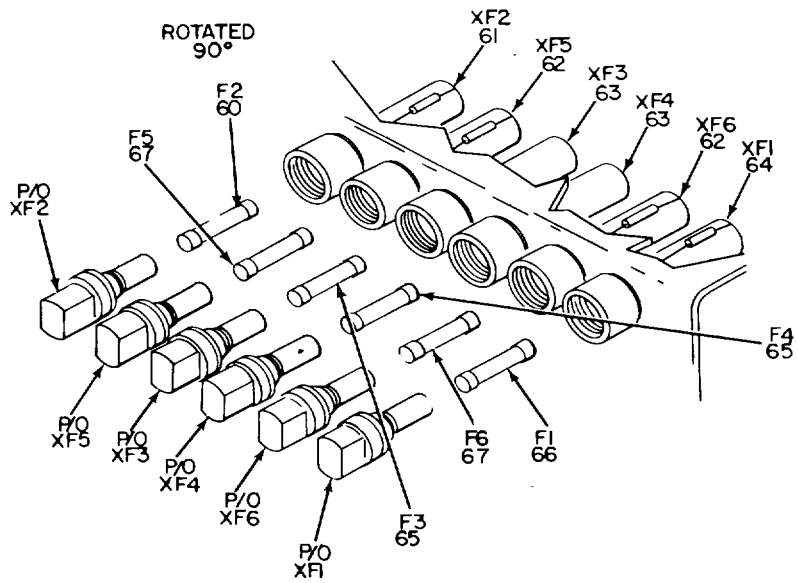
SECTION II

TM 11-5840-281-20P

| (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------|--------------------|-------------------------|-----------------|--|-----------|---------------------------|-----|-----|
| (a) FIG NO. | (b) ITEM NO. | NATIONAL SMR CODE | STOCK NUMBER | DESCRIPTION QTY PART NUMBER UNIT | FSCM | INC USABLE ON CODE | U/M | IN |
| 21 | 14 | XDOZZ | | 334 | 80204 | LAMP, INCANDESCENCE..... | EA | 1 |
| | | | | | 65 | | | |



SIDE VIEW



BOTTOM VIEW

ELOINI20

Figure 22. Power Supply PP-3383/TPN-8.

SECTION II

TM 11-5840-281-20P

| (1) ILLUSTRATION | | (2) NATIONAL SMR CODE | (3) STOCK NUMBER | (4) DESCRIPTION QTY PART NUMBER UNIT | (5) FSCM | (6) INC USABLE ON CODE | (7) U/M | (8) IN |
|---------------------|--------------------|--------------------------------|------------------------|---|-------------|--|------------|-----------|
| (a) FIG NO. | (b) ITEM NO. | | | | | | | |
| | | | | | | GROUP 020104 POWER SUPPLY PP-3383/TPN-18 | | |
| 22 | 48 | PAOZZ | 5920-00-280-5031 | F02A250V1-4AS | 81349 | FUSE, CARTRIDGE | EA | 1 |
| 22 | 60 | PAOZZ | 5920-00-280-9320 | F02B250V1-2AS | 81349 | FUSE, CARTRIDGE | EA | 1 |
| 22 | 65 | PAOZZ | 5920-00-280-4465 | F02A250V1AS | 81349 | FUSE, CARTRIDGE | EA | 2 |
| 22 | 66 | PAOZZ | 5920-00-281-0210 | F02A250V4AS | 81349 | FUSE, CARTRIDGE | EA | 1 |
| 22 | 67 | PAOZZ | 5920-00-281-0224 | F02A250V1-2AS | 81349 | FUSE, CARTRIDGE | EA | 2 |
| | | | | | 67 | | | |

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. |
|------------------|------------|----------|------------------|------------|----------|
| 5945-00-043-0415 | 12 | 16 | 5355-00-571-0243 | 18 | 9 |
| 5945-00-043-0415 | 16 | 13 | 5355-00-571-0243 | 20 | 5 |
| 5945-00-043-0415 | 20 | 89 | 5960-00-578-1652 | 19 | 25 |
| 5305-00-054-6680 | 2 | 6 | 5960-00-615-9972 | 8 | 24 |
| 5355-00-057-7988 | 18 | 13 | 5960-00-615-9972 | 10 | 5 |
| 5340-00-066-4052 | 1 | 8 | 5355-00-619-3837 | 14 | 138 |
| 5960-00-073-9277 | 5 | 8 | 5355-00-619-9413 | 20 | 82 |
| 5840-00-078-5621 | 2 | 21 | 5310-00-625-5756 | 2 | 15 |
| 5840-00-082-3721 | 2 | 28 | 5306-00-656-0193 | 2 | 14 |
| 5840-00-082-3728 | 2 | 12 | 5960-00-681-9769 | 19 | 16 |
| 5960-00-082-4139 | 19 | 29 | 5960-00-681-9802 | 19 | 15 |
| 6240-00-155-8714 | 6 | 2 | 5305-00-717-6949 | 20 | 73 |
| 5960-00-188-6584 | 19 | 18 | 5305-00-719-5329 | 18 | 10 |
| 5840-00-191-9341 | 2 | 8 | 5305-00-719-5330 | 6 | 31 |
| 5840-00-191-9342 | 2 | 9 | 5305-00-719-5330 | 20 | 12 |
| 5840-00-191-9343 | 2 | 4 | 5305-00-719-5336 | 18 | 12 |
| 5920-00-243-3787 | 7 | 6 | 5305-00-711-5342 | 14 | 137 |
| 5960-00-247-8748 | 9 | 39 | 5305-00-719-5346 | 18 | 15 |
| 5960-00-261-8679 | 10 | 3 | 5960-00-725-0527 | 19 | 3 |
| 5960-00-261-8679 | 11 | 27 | 5960-00-754-9775 | 5 | 29 |
| 5960-00-262-0132 | 8 | 28 | 5945-00-781-7899 | 12 | 3 |
| 5960-00-262-0132 | 13 | 31 | 5945-00-782-7921 | 12 | 5 |
| 5960-00-262-0286 | 19 | 17 | 5330-00-806-3197 | 2 | 30 |
| 5920-00-280-4465 | 22 | 65 | 5960-00-003-5272 | 19 | 4 |
| 5920-00-280-5031 | 7 | 10 | 5945-00-824-1525 | 12 | 15 |
| 5920-00-280-5031 | 22 | 48 | 5945-00-824-1525 | 16 | 12 |
| 5960-00-280-5585 | 13 | 30 | 5945-00-824-1526 | 12 | 6 |
| 5920-00-280-9320 | 22 | 60 | 5945-00-624-1526 | 17 | 118 |
| 5920-00-281-0210 | 22 | b6 | 5945-00-624-1526 | 20 | 90 |
| 5920-00-281-0224 | 7 | 13 | 5945-00-827-7203 | 12 | 14 |
| 5920-00-281-0224 | 22 | 67 | 5960-00-836-6504 | 15 | 1 |
| 5920-00-284-7466 | 12 | 53 | 5945-00-838-1330 | 12 | 7 |
| 6210-00-299-4557 | 6 | 1 | 5920-00-850-6091 | 7 | 14 |
| 5840-00-433-2359 | 1 | 10 | 5960-00-870-8262 | 19 | 28 |
| 5330-00-433-3754 | 1 | 15 | 5920-00-877-9934 | 7 | 12 |
| 5920-00-474-6125 | 7 | 9 | 5960-00-882-3563 | 9 | 37 |
| 5945-00-492-4431 | 17 | 104 | 5960-00-882-3563 | 19 | 19 |
| 5945-00-542-7021 | 16 | 16 | 5960-00-889-4077 | 14 | 136 |
| 5355-00-543-0789 | 18 | 3 | 5935-00-892-8987 | 19 | 47 |
| 5355-00-543-0818 | 18 | 16 | 5310-00-933-8119 | 2 | 7 |
| 5960-00-548-3072 | 8 | 26 | 5945-00-937-1827 | 12 | 4 |
| 5960-00-548-3072 | 9 | 45 | 5310-00-939-2655 | 2 | 13 |
| 5355-00-556-0151 | 6 | 28 | 5840-00-944-2454 | 4 | 16 |
| 5355-00-559-8942 | 18 | 8 | 5310-00-974-6623 | 2 | 16 |
| 5355-00-559-8942 | 20 | 7 | 5960-00-985-2783 | 9 | 40 |
| 5355-00-571-0243 | 6 | 32 | 5960-00-985-2783 | 10 | 4 |

| PART NUMBER | FIG. FSCM | ITEM NO. | PART NO. | FIG. NUMBER | ITEM FSCM | NO. | NO. |
|---------------|-----------|----------|----------|--------------|-----------|-----|-----|
| ABT381PN8 | 80058 | 2 | 21 | | | | |
| AN565D8H4 | 88044 | 18 | 15 | G500001-1 | 24930 | 1 | 8 |
| F02A250V1-2AS | 81349 | 1 | 13 | | | | |
| F02A250V1-2AS | 81349 | 22 | 67 | MDX4 | 71400 | 12 | 53 |
| F02A250V1-4AS | 81349 | 7 | 10 | MS15795-812 | 96906 | 2 | 15 |
| F02A250V1-4AS | 81349 | 22 | 48 | MS24232-2 | 96906 | 19 | 16 |
| F02A250V1AS | 81349 | 22 | 65 | MS24232-4 | 96906 | 9 | 37 |
| F02A250V2AS | 81349 | 1 | 9 | MS24232-4 | 96906 | 19 | 19 |
| F02A250V3AS | 81349 | 7 | 12 | MS24232-5 | 96906 | 19 | 28 |
| F02A250V4AS | 81349 | 22 | 66 | MS24232-6 | 96906 | 19 | 3 |
| F02B250V-2AS | 81349 | 22 | 60 | MS25231-313 | 96906 | 6 | 2 |
| F02B250V1AS | 81349 | 7 | 14 | | | | |
| F03A250V10AS | 81349 | 7 | 6 | | | | |
| G370000S1 | 24930 | 16 | 11 | | | | |
| G370005S1 | 24930 | 12 | 14 | MS35308-339 | 96906 | 2 | 14 |
| G370006S1 | 24930 | 16 | 16 | MS35338-137 | 96906 | 2 | 7 |
| G370C09S1 | 24930 | 12 | 6 | MS35338-140 | 96906 | 2 | 16 |
| G370009S1 | 24930 | 17 | 118 | MS51017-21 | 96906 | 20 | 12 |
| G370009S1 | 24930 | 20 | 90 | MS51017-33 | 96906 | 18 | 12 |
| G370057S1 | 24930 | 12 | 15 | MS51957-53 | 96906 | 2 | 6 |
| G370057S1 | 24930 | 16 | 12 | MS51963-10 | 96906 | 20 | 73 |
| G370058S1 | 24930 | 12 | 6 | MS51963-20 | 96906 | 18 | 10 |
| G370058S1 | 24930 | 16 | 13 | MS51963-21 | 96906 | 6 | 31 |
| G370058S1 | 24930 | 20 | 89 | MS51963-23 | 96906 | 6 | 33 |
| G370059S1 | 24930 | 12 | 7 | MS51963-23 | 96906 | 18 | 11 |
| G370060S1 | 24930 | 12 | 4 | MS51963-34 | 96906 | 14 | 137 |
| G370061S1 | 24930 | 17 | 104 | MS51972-2 | 96906 | 2 | 13 |
| G370061S2 | 24930 | 12 | 5 | MS90064-14 | 96906 | 2 | 30 |
| G370063S1 | 24930 | 12 | 3 | MS91528-1D2B | 96906 | 6 | 28 |

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

| PART NUMBER | FSCM | FIG. NO. | ITEM NO. | PART NUMBER | FSCM | FIG. NO. | ITEM NO. |
|----------------|-------|----------|----------|------------------|-------|----------|----------|
| MS9152E-1N1B | 96906 | 18 | 8 | 3119151A030 | 70128 | 1 | 6 |
| MS91528-1N1B | 96906 | 20 | 7 | 334 | 80204 | 21 | 14 |
| MS91528-1N2B | 96906 | 18 | 3 | 5651WA | 81349 | 19 | 17 |
| MSS1528-3N2B | 96906 | 14 | 138 | 5670 | 81349 | 19 | 18 |
| 01333TPN18 | 80058 | 17 | 10 | 5751 | 81349 | 19 | 29 |
| RT818TPN18 | 80058 | 4 | 16 | 5842 | 81349 | 9 | 39 |
| TG113TPN8 | 80058 | 2 | 12 | 6AU6WB | 81349 | 19 | 15 |
| TG114TPN8 | 80058 | 2 | 28 | 6021 | 81349 | 10 | 3 |
| TS103PC3 | 81349 | 19 | 47 | 6021 | 81349 | 11 | 27 |
| T3-3031B | 98978 | 9 | 40 | 6111 | 81349 | 8 | 28 |
| T3-3031B | 98978 | 10 | 4 | 6111 | 81349 | 13 | 31 |
| 00204 | 24931 | 3 | 6 | 6112 | 81349 | 13 | 30 |
| 10VP7G18115475 | 24930 | 17 | 28 | 6205 | 81349 | 8 | 26 |
| 100253 | 24930 | 1 | 16 | 6205 | 81349 | 9 | 45 |
| 102663 | 24930 | 5 | 8 | 6206 | 81349 | 8 | 24 |
| 102782 | 24930 | 18 | 17 | 6206 | 81349 | 10 | 5 |
| 102823-5 | 24930 | 2 | 8 | 6384 | 81349 | 19 | 25 |
| 102823-6 | 24930 | 2 | 9 | 65727-2 | 24930 | 6 | 32 |
| 102824-1 | 24930 | 2 | 4 | 65727-2 | 24930 | 18 | 9 |
| 102986 | 24930 | 18 | 13 | 65727-2 | 24930 | 20 | 5 |
| 103155-1 | 24930 | 2 | 10 | 65726 | 24930 | 20 | 82 |
| 103156-1 | 24930 | 2 | 11 | 6877 | 81349 | 19 | 4 |
| 103157-1 | 24930 | 2 | 5 | 6975 | 81349 | 5 | 29 |
| 103188 | 24930 | 1 | 14 | 7006 | 81349 | 14 | 136 |
| 112449 | 24930 | 1 | 10 | 71783 | 24930 | 18 | 16 |
| 116502 | 24930 | 1 | 15 | 8613 | 81349 | 15 | 1 |
| 180963-1 | 24930 | 1 | 7 | 90-0410-2900-301 | 72619 | 6 | 1 |

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

| STOCK NUMBER | FIGURE NO. | ITEM NO. | STOCK NUMBER | FIGURE NO. | ITEM NO. |
|------------------|------------|----------|------------------|------------|----------|
| 5340-00-066-4192 | 1 | 9 | 5305-00-719-5338 | 18 | 11 |
| 5920-00-284-7466 | 14 | 72 | 6240-00-763-7744 | 12 | 51 |
| 5840-00-433-2358 | 1 | 14 | 6240-00-763-7744 | 18 | 2 |
| 5960-00-548-3072 | 10 | 11 | 6240-00-763-7744 | 20 | 4 |
| 5305-00-719-5338 | 6 | 33 | 4030-00-889-2364 | 1 | 5 |

LATEST PART NUMBER ASSIGNMENTS

| PART NUMBER | FSCM | FIG. NO. | ITEM NO. | PART NUMBER | FSCM | FIG. NO. | ITEM NO. |
|-------------|-------|----------|----------|-------------|-------|----------|----------|
| G400054-2 | 24930 | 1 | 5 | MS18209-387 | 96906 | 18 | 2 |
| G500001-2 | 24930 | 1 | 9 | MS18209-387 | 96906 | 20 | 4 |
| MDX4 | 71400 | 14 | 72 | 6205 | 81349 | 10 | 11 |
| MS18209-387 | 96906 | 12 | 51 | | | | |

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