

TECHNICAL MANUAL

NO. TM 11-5840-352-24P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 2 August 1978

**ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)
FOR
DETECTING-TRANSMITTING SET, ELECTROMAGNETIC AN/GSQ-160
(NSN 5840-00-168-7719)
AND
SIMULATOR GROUP OH-29/GSQ-160
(NSN 6625-00-482-6150)**

Current as of 1 February 1978

REPORTING OF ERRORS

You can improve this manual by recommending improvements using DA Form 2028-2 located in the back of the manual. Simply tear out the self-addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.

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In either case a reply will be furnished direct to you.

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*This manual supersedes so much of TM 11-5840-352-14, 7 March 1972 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, direct support, and general support maintenance of the AN/GSQ-160, OH-29/GSQ-160. 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 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:

CO&

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.

F -Support item is removed, replaced, used at the direct support level.

H -Support item is removed, replaced, used at the general support level.

D -Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

(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

- 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 repairable, condemn and dispose at the direct support level.
- 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/specialized 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 708-42 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 codes are shown in the description column. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are:

Code	Used on
2GM	AN/GSQ-160
5HI	OH-29/GSQ-160

b. The following publication pertains to the AN/GSQ-160, OH-29/GSQ-160 ,and its components:

TM 11-5840-352-14, Electromagnetic Detecting-Transmitting Set AN/GSQ-160 and Simulator Group OH-29/GSQ-160

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.

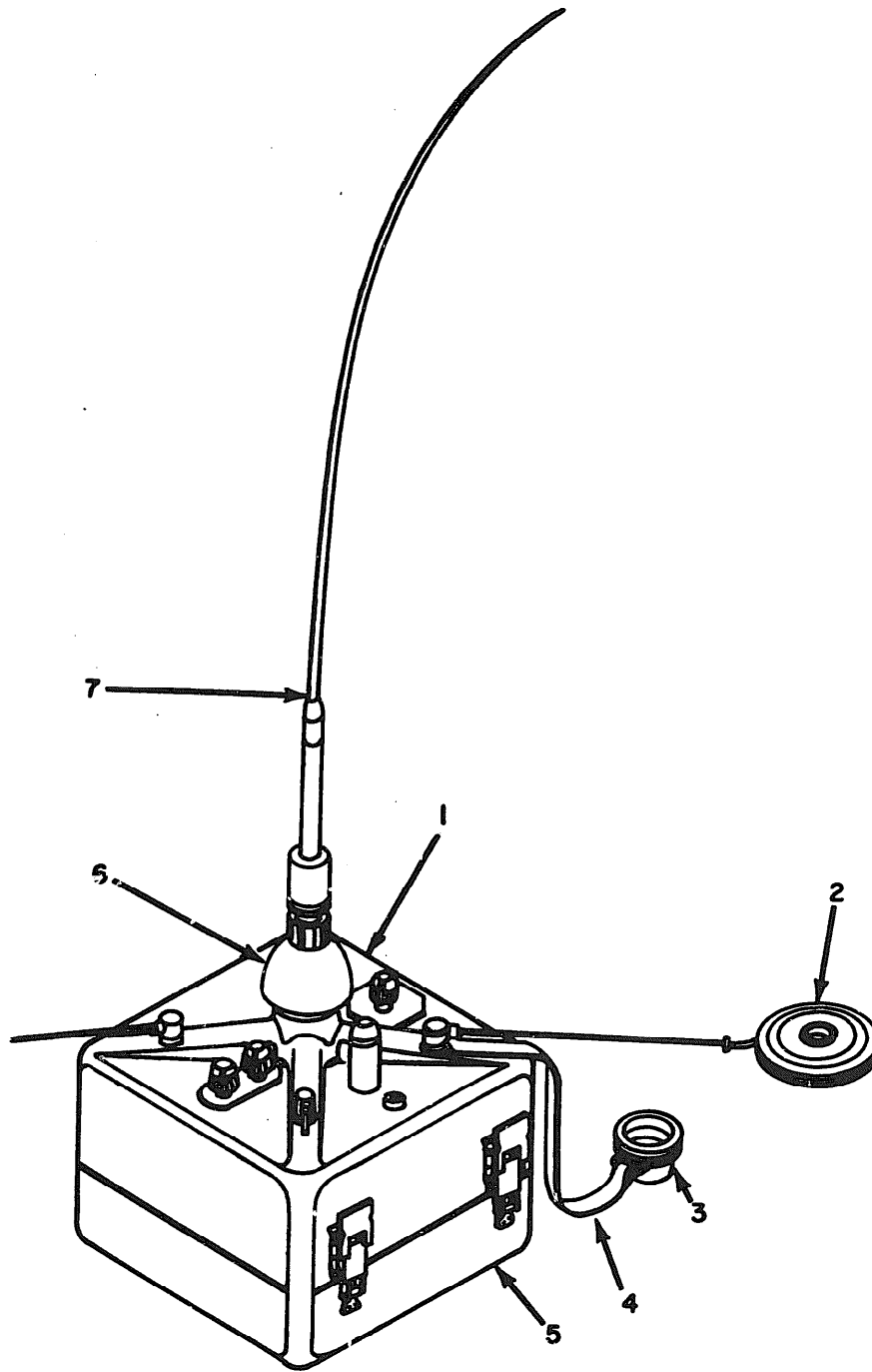
(1) **First. Using** the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(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)



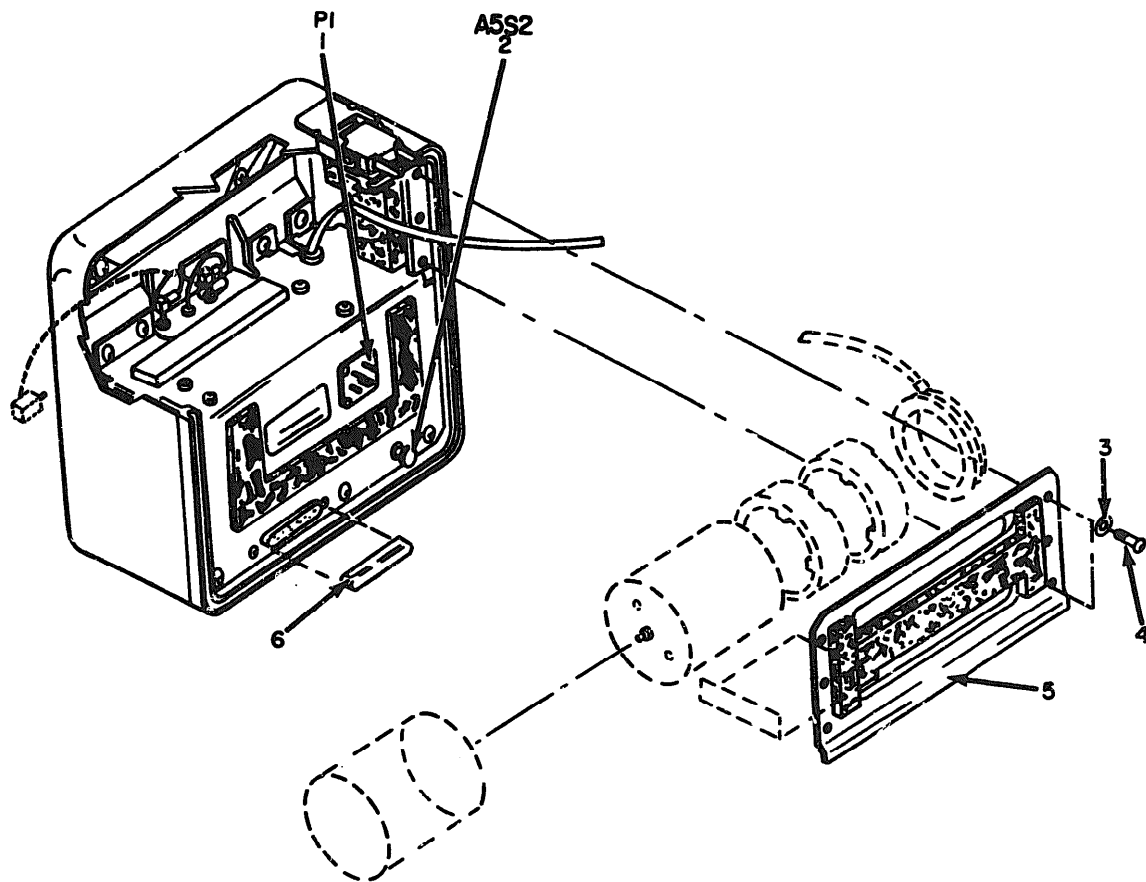
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Figure 1. Detecting-Transmitting Set, Electromagnetic AN/GSQ-160.

SECTION II

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(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSC-1	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
GROUP 00 DETECTING-TRANSMITTING SET, ELECTROMAGNETIC AN/GSQ-160								
1	1	PAFDD	5640-00-168-7718	MZ-8846/GSQ-160	80058	DETECTING-TRANSM	2GM EA	1
1	2	PAQZZ	5985-00-168-7469	588223-001	12436	ANTENNA ASSY,COUNTERPOISE	2GM EA	4
1	3	PAHZZ	5310-00-168-7470	588314-001	12436	CAP,PROTECTIVE	2GM EA	1
1	4	PAHZZ	5840-00-168-7410	588319-001	12436	HANDLE ASSY	2GM EA	1
1	5	PAQZZ	6135-00-780-9961	CY7046GSQ160	80058	BATTERY BOX	2GM EA	1
1	6	PAHZZ	5970-00-168-7462	588312-001	12436	INSULATOR,STANDO	2GM EA	1
1	7	PAHZZ	5840-00-116-6015	AS2542GSQ160	80058	ANTENNA	2GM EA	1



EL3GI002

Figure 2. Detecting-Transmitting Set, Subassembly MX-8846/GSQ-160 (Data Transmitter A7).

SECTION II

TM11-5840-352-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	QSR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FBCM	DESCRIPTION USABLE ON CODE	J/M	QTY INC IN UNIT
GROUP 01 DETECTING-TRANSMISSING SET, SUBASSEMBLY MX-8846/GSQ-160								
2	1	PAHZZ	5935-00-168-4436	588386-001	12436	CONNECTOR, PLUG	2GN EA	1
2	2	PAHZZ	5930-00-168-4442	588226-001	12436	SWITCH, PUSH	2GN EA	1
2	3	XDHZZ	5310-00-722-5998	MS15795-805	96906	WASHER, FLAT	2GN EA	6
2	4	XDHZZ	5305-00-054-6652	MS51957-28	96906	SCREW, MACHINE	2GN EA	6
2	5	PAHZZ	584000-168-7411	588351-001	12436	COVER, DATA TRANS	2GN EA	1
2	6	XDHZZ		SMAS88388	80063	COVER, DUST	25N EA	1

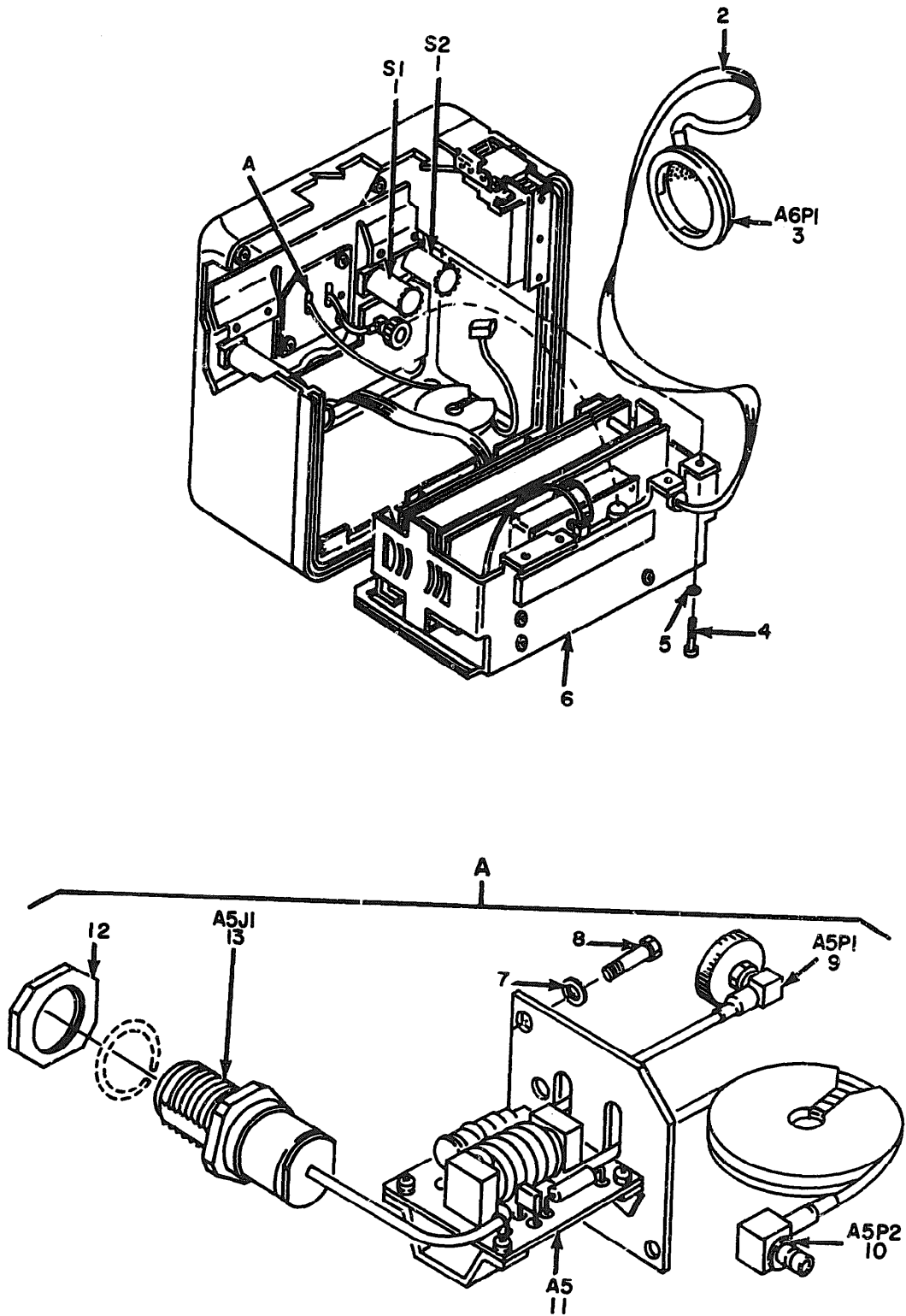


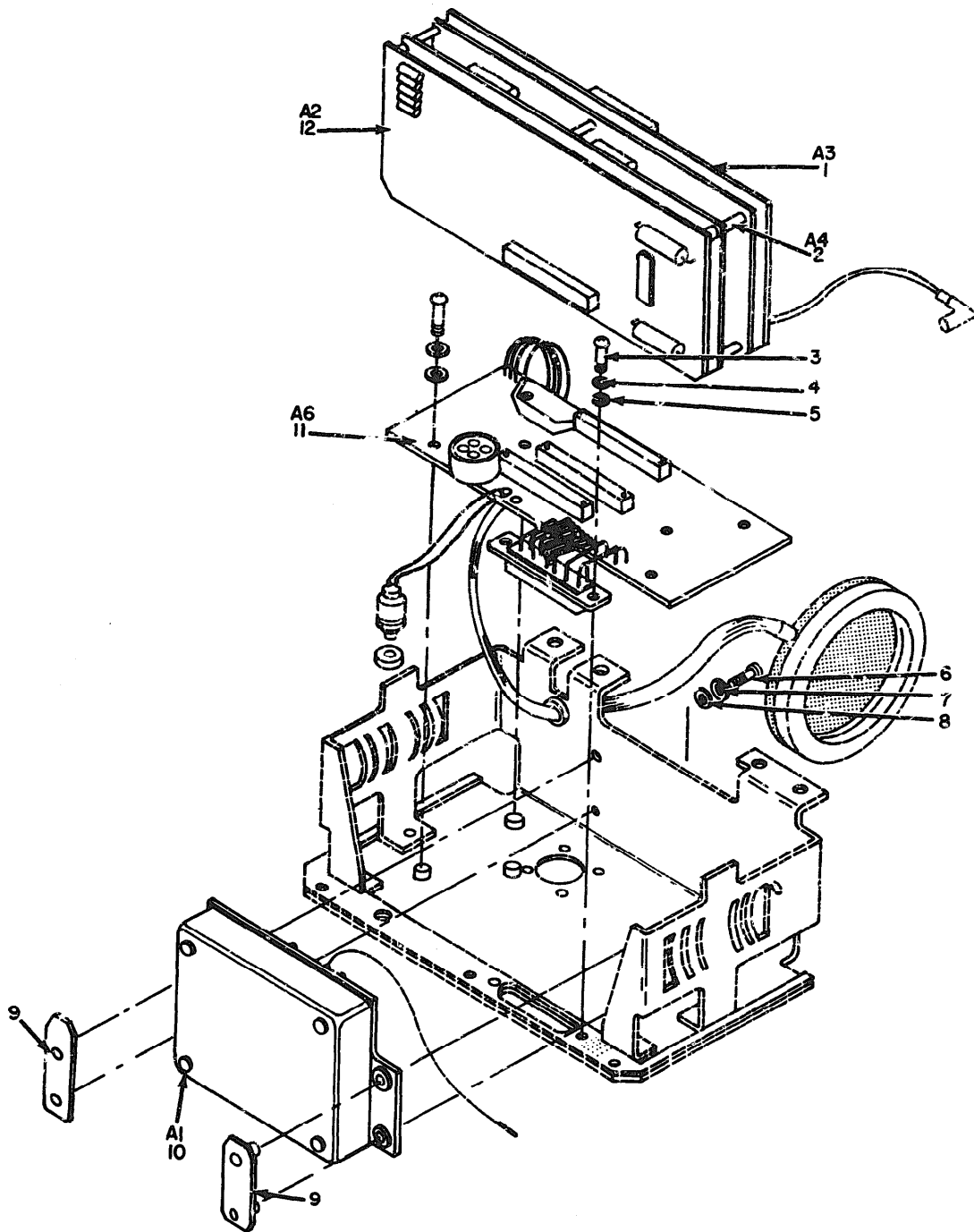
Figure 3. Detecting-Transmitting Subassembly MX-8846/GSQ-160 (Electric Chassis Antenna Coupler A5)

E1301003

SECTION II

TM11-5840-352-24P

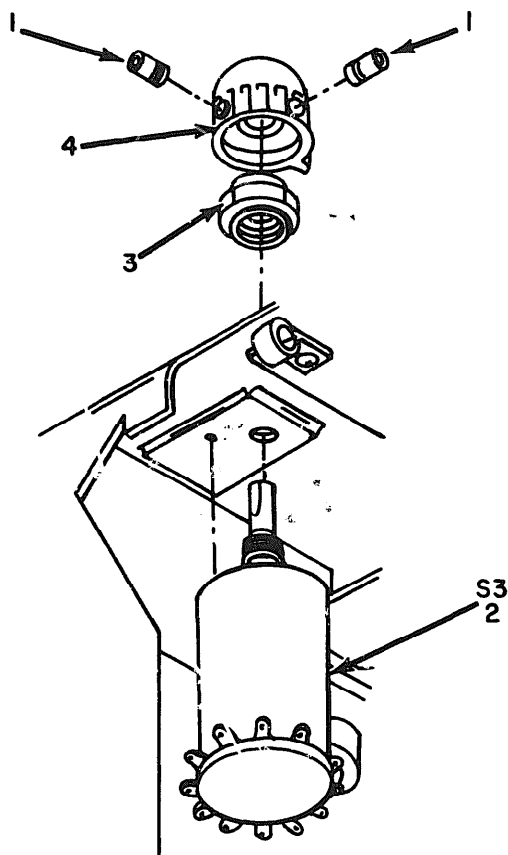
(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U.S.M USABLE ON CODE	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
3	1	PAHZZ	5930-00-168-4441	188234-001	12436	SWITCH, ROTARY	2GM EA	2
3	2	PAHZZ	5995-00-168-3779	188324-001	12436	CABLE ASSEMBLY	2GM EA	1
3	3	XDHZZ		1A386	80063	CONNECTOR	2GM EA	1
3	4	PAHZZ	5305-00-054-6652	1S51957-28	96906	SCREW, MACHINE	2GM EA	7
3	5	PAHZZ	5310-00-722-5998	1S15795-805	96906	WASHER, FLAT	2GM EA	7
3	6	XDHZZ		1M8588205	80063	CHASSIS, ELECTRICAL	2GM EA	1
3	7	PAHZZ	5310-00-595-6211	1S15795-803	96906	WASHER, FLAT	2GM EA	3
3	8	PAHZZ	5305-00-054-5648	1S51957-14	96906	SCREW, MACHINE	2GM EA	3
3	9	XDHZZ		1MA588227-002	80063	CONNECTOR, PLUG	2GM EA	1
3	10	XDHZZ		1MA588245-001	80063	CONNECTOR, PLUG	2GM EA	1
3	11	PAHDL	5985-00-168-7468	1MD588222-001	80063	COUPLER, ANTENNA	2GM EA	1
3	12	PAHDL	5310-00-934-9748	1S35645-244	96906	NUT, PLAIN, HEXAGO	2GM EA	1
3	13	XDHZZ		1MA588235-001	80063	CONNECTOR, RECT. ELEC	2GM EA	1



EL36I004

Detecting-Transmitting Set, Subassembly MX-8846/GSQ-160 (Electrical Chassis).

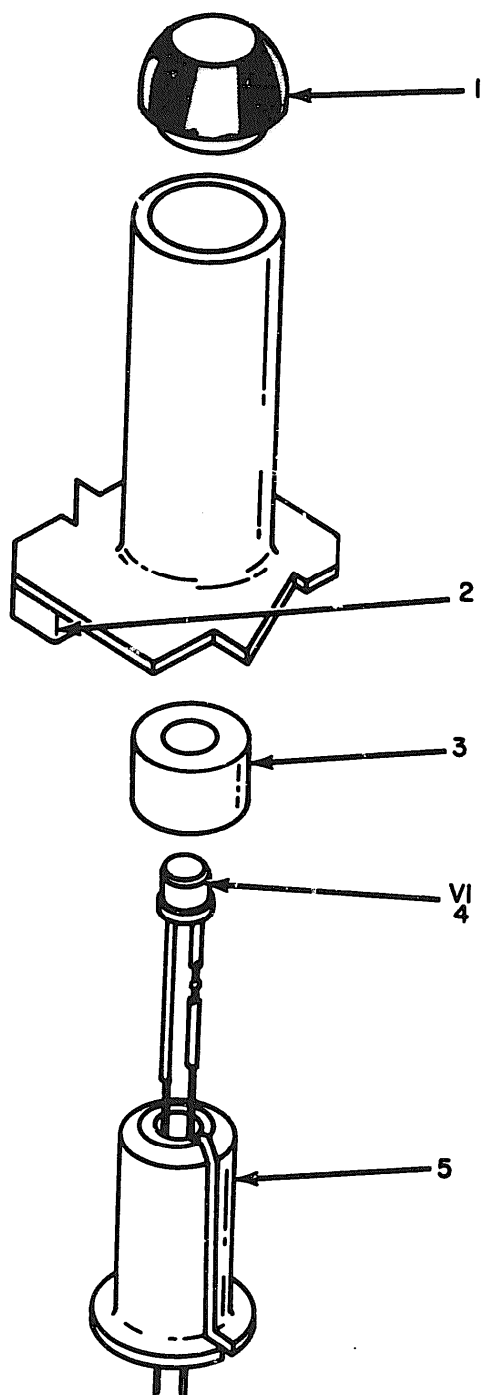
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SNM CODE	NATIONAL STOCK NUMBER	PART NUMBER	PBC#	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
							U/M	
4	1	PAHJL	5840-00-168-7413	588218-001	12436	PRI PROCESSOR ASSY	2GN EA	1
4	2	PAHDL	5840-00-168-7414	588219-001	12436	SEC PROCESSOR ASSY	2GN EA	1
4	3	PAHZZ	5305-00-054-5650	MS51957-16	96906	SCREW,MACHINE	2GN EA	2
4	4	PAHZZ	5310-00-933-8118	MS35338-135	96906	WASHER,LOCK	2GN EA	2
4	5	PAHZZ	5310-00-595-6211	MS15795-803	96906	WASHER,FLAT	2GN EA	2
4	6	PAHZZ	5305-00-054-5648	MS51957-14	96906	SCREW,MACHINE	2GN EA	4
4	7	PAHZZ	5310-00-928-2690	MS35338-134	96906	WASHER,LOCK	2GN EA	4
4	8	XDHZZ		MS14795-803	96906	WASHER,FLAT	2GN EA	4
4	9	PAHZZ	5310-00-764-6598	NAS1068C04L	80205	NUT,SELF-LOCKING	2GN EA	2
4	10	PAHDL	5840-00-168-7412	588221-001	12436	OSCILLATOR,RF	2GN EA	1
4	11	PAHHH	5340-00-026-3146	588673-001	13973	INTERCONNECTION BD	2GN EA	1
4	12	PAHDL	5840-00-168-7415	588220-001	12436	SUPPLEMENTL CD ASSY	2GN EA	1



EL3GI005

Figure 5. Detecting-Transmitting Set, Subassembly MX-8846/GSQ-160 (Control Switches).

(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 UNT
(a) FIG NO.	(b) ITEM NO.							
5	1	PAHZZ	5305-00-773-2697	MS18064-5	96906	SETSCREW	2GM EA	2
5	2	PAHZZ	5930-00-168-4439	588233-001	12436	SWITCH, ROTARY	2GM EA	1
5	3	PAHZZ	5930-00-892-9026	M5423/09-03	81349	BOOT, SEAL	2GM EA	1
5	4	PAHZZ	5355-00-168-3125	588254-001	12436	KNOB, CONTROL	2GM EA	1



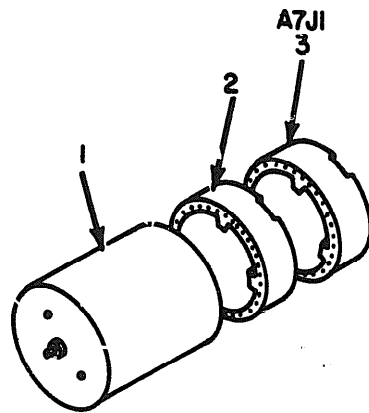
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Figure 6. Detecting-Transmitting Set, Subassembly MX-8846/GSQ-160 (Day/Night Sensor).

SECTION II

TMJJ-5895-578-34P.

(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.							
6	1	PAHZZ	5820-00-168-7407	588313-001	12436	WINDOW, LIGHT SENSOR	ZGR EA	1
6	2	PAHZZ	584-00-168-7408	588320-001	12436	PAD, CUSHIONING	ZGM EA	1
6	3	PAHZZ	3120-00-182-8496	588347-001	12436	BUSHING, SLEEVE	ZGM EA	1
6	4	PAHZZ	5961-00-168-7471	588253-001	12436	SEMICONDUCTOR DE	ZGP EA	1
6	5	PAHZZ	5840-00-168-7409	588350-001	12436	RETAINER, SENSOR	ZGM EA	1



EL3GI007

Figure 7. Data Transmitter Consisting of KY-678/GSQ (TC-431) & KY-677/GSQ (TC-432) & Either T-1143/GSQ (TC-516) or T-1233/GSQ (TC-560) (A7)

SECTION II

T.M.L.I. 5895-578-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION <i>USABLE ON CODE</i>	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
GROUP 0101 DATA TRANSMITTER CONSISTING OF KY-678/GSQ (TC-431) AND KY-677/GSQ (TC-432) AND EITHER T-1143/GSQ (TC-516) OR T-1233/GSQ (TC-560) (A7)								
7	1	PAFFF	5820-00-481-3066	T-1233(V)/GSQ	91417	TRANSMITTER OR	2GM EA	1
7	1	PAFFF	5820-00-459-3768	T-1143(V)/GSQ	91417	TRANSMITTER OR	2GM EA	1
7	2	PAFZZ	5895-00-486-8015	KY-678/GSQ	80058	ENCODER, DATA SI	2GM EA	1
7	3	PAFZZ	5895-00-168-8314	KY-677GSQ	80058	CODE SETTER	2GM EA	1

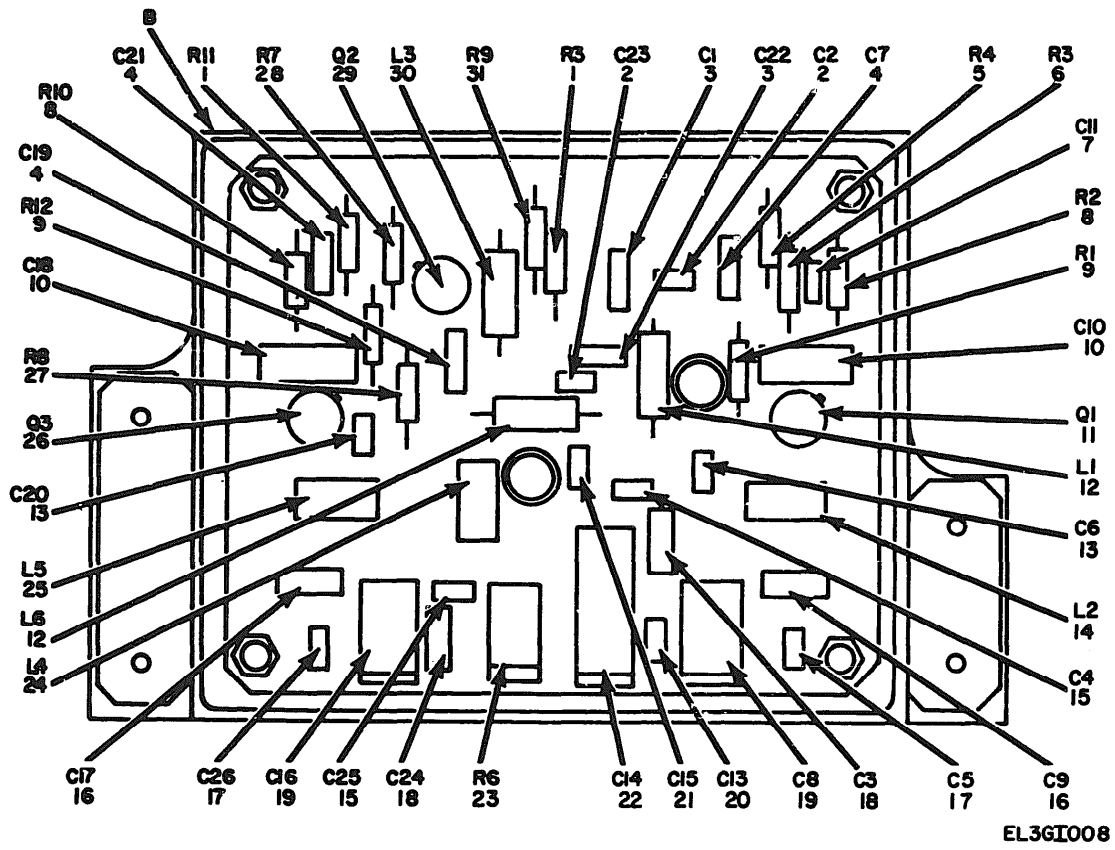
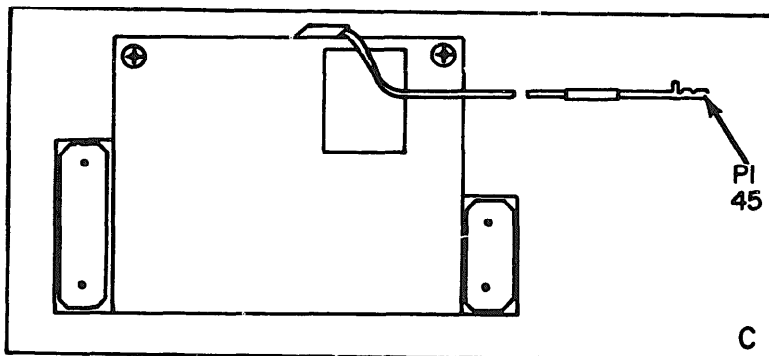
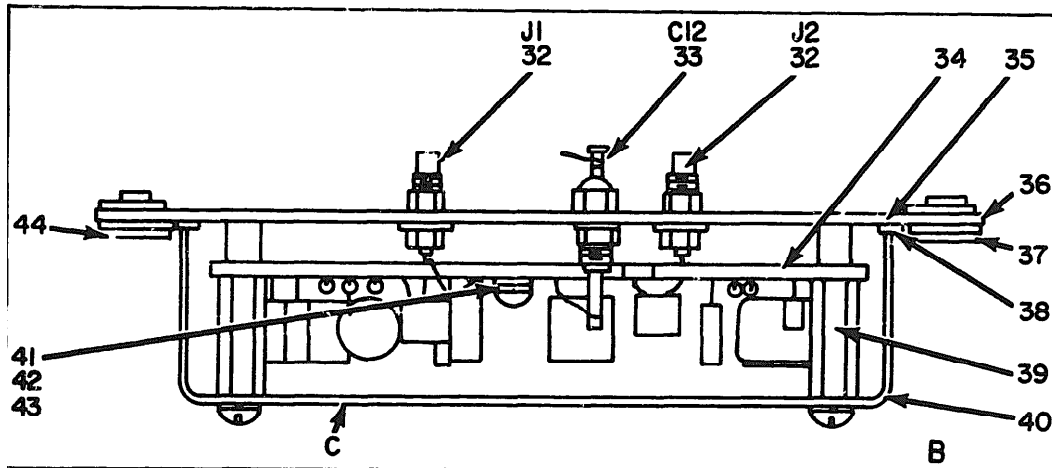


Figure 8. Oscillator, RF Sensor A1 (Sheet 1 of 2).



EL361009

Figure 8. Oscillator, RF Sensor A1 (Sheet 2 of 2).

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	QTY INC IN UNIT
						GROUP 0102 OSCILLATOR,RF SENSOR A1		
8	1	PADZZ	5905-00-141-1183	RCR07G101JS	81349	RESISTOR, FIXED	2GM EA	2
8	2	PADZZ	5910-00-199-5335	M39014/01-0233	81349	CAPACITOR, FIXED	2GM EA	2
8	3	PADZZ	5910-00-022-5659	M39014/02-0230	81349	CAPACITOR, FIXED	2GM EA	2
8	4	PADZZ	5910-00-010-8718	M39014/02-0218	81349	CAPACITOR, FIXED	2GM EA	3
8	5	PADZZ	5905-00-119-3503	RCR07G271JS	81349	RESISTOR, FIXED	2GM EA	1
8	6	PADZZ	5905-00-120-9154	RCR07G471JS	81349	RESISTOR, FIXED	2GM EA	1
8	7	PADZZ	5910-00-113-5470	M39014/01-0215	81349	CAPACITOR, FIXED	2GM EA	1
8	8	PADZZ	5905-00-119-881	RCR07G151JS	81349	RESISTOR, FIXED	2GM EA	2
8	9	PADZZ	5905-00-131-1255	RCR07G122JS	81349	RESISTOR, FIXED	2GM EA	2
8	10	PADZZ	5910-00-487-8424	CM05FD391J03	81349	CAPACITOR, FIXED	2GM EA	2
8	11	XDOZZ		SMA588249-1	80063	TRANSISTOR	2GM EA	1
8	12	PADZZ	5950-00-931-0462	M590537-21	96906	COIL, RADIO FREQU	2GM EA	2
8	13	XDOZZ		SMA588247-4	80063	CAPACITOR	2GM EA	2
8	14	XDOZZ		SMA588246-1	80063	COIL	2GM EA	1
8	15	XDOZZ		SMA588247-10	80063	CAPACITOR	2GM EA	2
8	16	XDOZZ		SMA588251-1	80063	CAPACITOR	2GM EA	2
8	17	XDOZZ		SMA588247-5	80063	CAPACITOR	2GM EA	2
8	18	XDOZZ		SMA588251-3	80063	CAPACITOR	2GM EA	2
8	19	XDOZZ		SMA588252-1	80063	CAPACITOR	2GM EA	2
8	20	XDOZZ		SMA588247-9	80063	CAPACITOR	2GM EA	1
8	21	XDOZZ		SMA588247-6	80063	CAPACITOR	2GM EA	1
8	22	XDOZZ		SMA588252-2	80063	CAPACITOR	2GM EA	1
8	23	XDOZZ		SMA588265-1	80063	RESISTOR, VAR	2GM EA	1
8	24	XDOZZ		SMA588246-6	80063	COIL	2GM EA	1
8	25	XDOZZ		SMA588246-2	80063	COIL	2GM EA	1
8	26	XDOZZ		SMA588249-2	80063	TRANSISTOR	2GM EA	1
8	27	PADZZ	5905-00-141-0743	RCR07G392JS	81349	RESISTOR, FIXED	2GM EA	1
8	28	PADZZ	5905-00-106-1356	RCR07G152JS	81349	RESISTOR, FIXED	2GM EA	1
8	29	PADZZ	5961-00-926-0237	JAN2N2369	81349	TRANSISTOR	2GM EA	1
8	30	XDOZZ		SMA588565-1	80063	COIL, RF	2GM EA	1
8	31	PADZZ	5905-00-114-0711	RCR07G472JS	81349	RESISTOR, FIXED	2GM EA	1
8	32	XDOZZ		SMA588229-1	80063	CONNECTOR, RCPT	2GM EA	2
8	33	XDOZZ		SMA588248-1	80063	CAPACITOR	2GM EA	1
8	34	XDOZZ		SMC588289	80063	PRINTED WIRING BO	2GM EA	1
8	35	XDOZZ		SM0588303	80063	CHASSIS ELEC EQUIP	2GM EA	1
8	36	XDOZZ		SMC588309	80063	NUT, STRIP, SHORT	2GM EA	1
8	37	PADZZ	5325-00-174-5317	MS35489-4	96906	GROMMET, RUBBER	2GM EA	4
8	38	XDOZZ		SMC538317-1	80063	SHIELDING GASKET	2GM EA	1
8	39	XDOZZ		SMA588300-2	80063	SPACER, STANDOFF	2GM EA	4

SECTION II

TM11-5640-352-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.					USABLE ON CODE		
8	40	XDDZZ		SM0588304	80063	ENCLOSURE, ELCTRN MAG	2GN EA	1
8	41	PADZZ	5310-00-595-6211	MS15795-803	96906	WASHER, FLAT	2GN EA	2
8	42	PADZZ	5310-00-933-8118	MS35338-135	96906	WASHER, LOCK	2GN EA	6
8	43	PADZZ	5305-054-5637	MS51957-3	96906	SCREW, MACHINE	2GN EA	6
8	44	XDDZZ		SM0588310	80063	NUT, STRIP, LONG	2GN EA	1
8	45	XDDZZ		SM0588237-1	80063	CONTACT, SOCKET	2GN EA	1

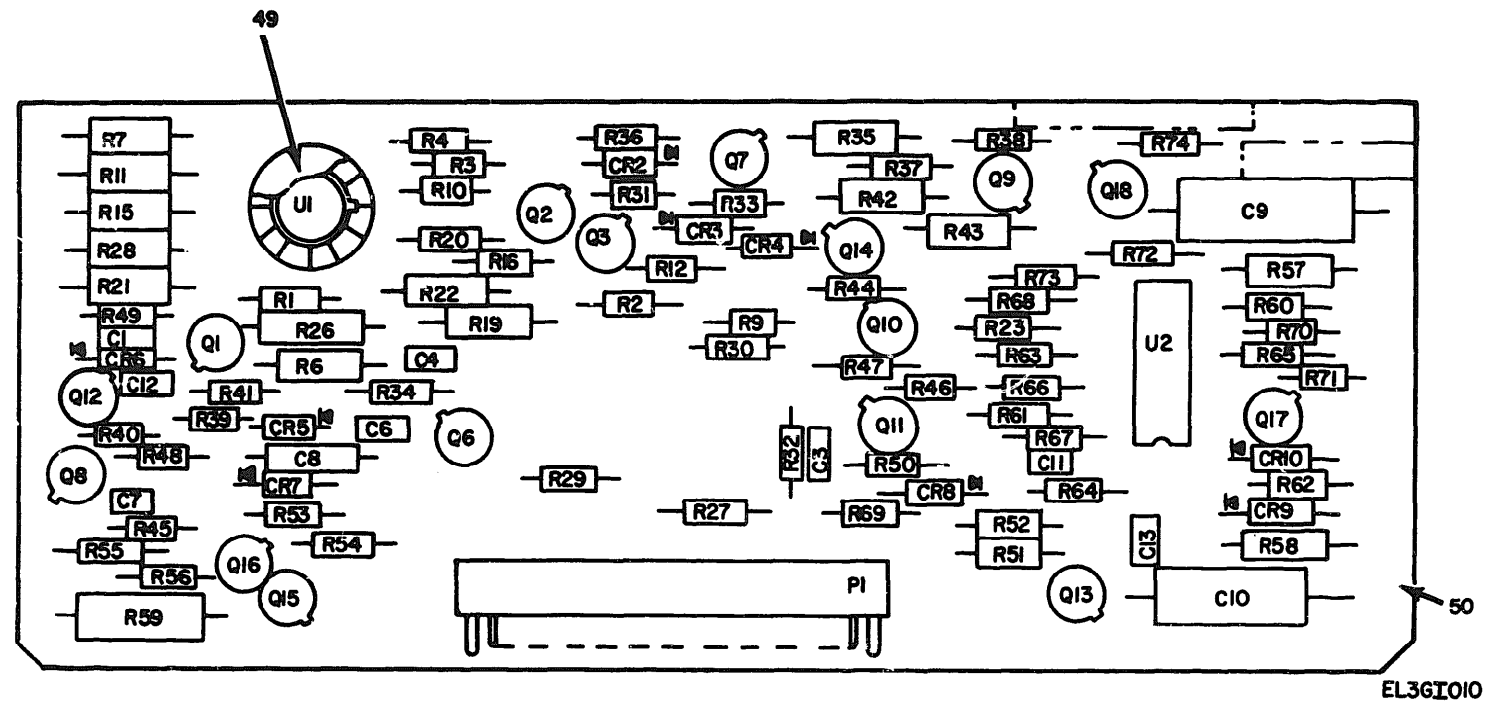


Figure 9. Circuit Card, Supplemental Circuits A2 (Sheet 1 of 2).

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	P1	8	R4	15	R32	29	R52	25	R72	15
C3	2	Q1	9	R6	16	R33	30	R53	37	R73	46
C4	2	Q2	10	R7	17	R34	25	R54	38	R74	45
C6	2	Q3	10	R9	18	R35	31	R55	27	U1	47
C7	1	Q6	10	R10	19	R36	16	R56	27	U2	48
C8	3	Q7	9	R11	16	R37	29	R57	39		
C9	4	Q8	10	R12	20	R38	15	R58	39		
C10	4	Q9	10	R15	16	R39	32	R59	40		
C11	2	Q10	11	R16	15	R40	33	R60	41		
C12	2	Q11	10	R19	21	R41	25	R61	25		
C13	5	Q12	11	R20	22	R42	31	R62	32		
CR2	6	Q13	12	R21	16	R43	31	R63	23		
CR3	6	Q14	12	R22	17	R44	29	R64	42		
CR4	6	Q15	10	R23	23	R45	25	R65	43		
CR5	6	Q16	10	R26	24	R46	29	R66	44		
CR6	6	Q17	10	R27	25	R47	34	R67	22		
CR7	6	Q18	11	R28	26	R48	35	R68	15		
CR8	6	R1	13	R29	27	R49	13	R69	25		
CR9	7	R2	14	R30	28	R50	36	R70	45		
CR10	6	R3	13	R31	23	R51	14	R71	25		

EL3G1011

Figure 9. Circuit Card, Supplemental Circuits A2 (Sheet 2 of 2).

SECTION II

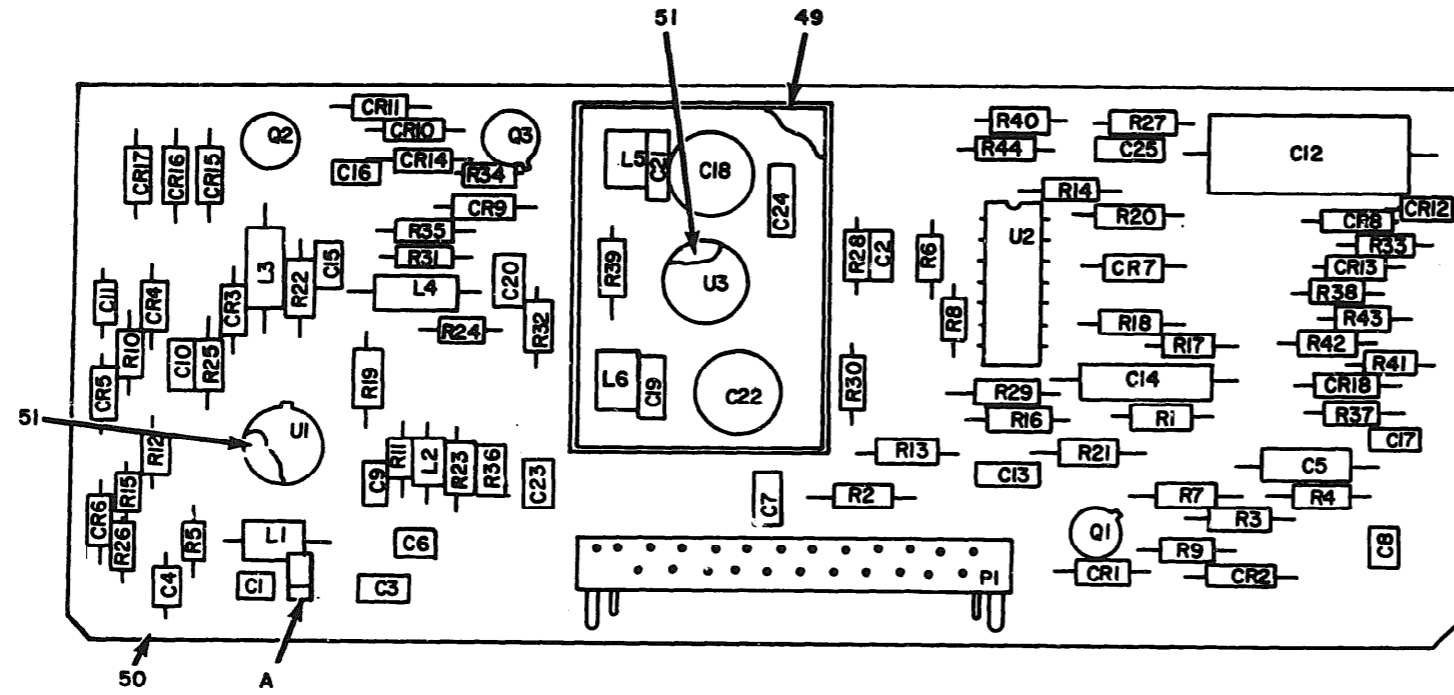
TM11-5895-578-34P

ILLUSTRATION			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.	SMR CODE						
			(3)			GROUP 0103 CIRCUIT CARD,SUPPLEMENTAL CIRCUITS A2		
9	1	PADZZ	5910-00-022-5659	M39014/02-0230	81349	CAPACITOR, FIXED	2GM EA	2
9	2	PADZZ	5910-00-103-7748	CK068X105K	81349	CAPACITOR, FIXED	2GM EA	5
9	3	PADZZ	5910-00-236-8740	M39003/01-2734	81349	CAPACITOR, FIXED	2GM EA	1
9	4	PADZZ	5910-00-007-7471	M39003/01-2743	81349	CAPACITOR, FIXED	2GM EA	2
9	5	PADZZ	5910-00-847-7288	CK068X103K	81349	CAPACITOR, FIXED	2GM EA	1
9	6	XDDZZ	5961-00-938-1135	JANL N4148	81349	SEMICONDUCTOR DE	2GM EA	8
9	7	XDDZZ		SMA588224-1	80063	SEMICONDUCTOR, DIODE	2GM EA	1
9	8	PADZZ	5935-00-478-7510	M55302/1-04	81349	CONNECTOR, RECEPT	2GM EA	1
9	9	PADZZ	5961-00-226-6579	JAN2N930	81349	TRANSISTOR	2GM EA	2
9	10	PADZZ	5961-00-913-1747	JAN2N2907	81349	TRANSISTOR	2GM EA	9
9	11	PADZZ	5961-00-951-8757	JAN2N222A	81349	TRANSISTOR	2GM EA	3
9	12	XDDZZ		SMA588551-1	80063	TRANSISTOR	2GM EA	2
9	13	PADZZ	5905-00-121-9919	RCR07G106JS	81349	RESISTOR, FIXED	2GM EA	3
9	14	PADZZ	5905-00-141-0743	RCR07G392JS	81349	RESISTOR, FIXED	2GM EA	2
9	15	PADZZ	5905-00-116-8554	RCR07G105JS	81349	RESISTOR, FIXED	2GM EA	5
9	16	XDDZZ		RNR60C4643FR	81349	RESISTOR, FXD, FILM	2GM EA	5
9	17	PADZZ	5905-00-232-3487	RNR60C2743FS	81349	RESISTOR, FXD, FILM	2GM EA	2
9	18	PADZZ	5905-00-141-1183	RCR07G101JS	81349	RESISTOR, FIXED	2GM EA	1
9	19	PADZZ	5905-00-244-6934	RCR07G824JS	81349	RESISTOR, FIXED	2GM EA	1
9	20	PADZZ	5905-00-252-1671	RCR07G225JS	81349	RESISTOR, FIXED	2GM EA	1
9	21	PADZZ	5905-01-016-8280	RNR60C2263FR	81349	RESISTOR, FIXED	2GM EA	1
9	22	PADZZ	5905-00-126-6677	RCR07G335JS	81349	RESISTOR, FIXED	2GM EA	2
9	23	PADZZ	5905-00-105-7767	RCR07G474JS	81349	RESISTOR, FIXED	2GM EA	3
9	24	PADZZ	5905-00-451-1429	RNR60C2613FS	81349	RESISTOR, FXD, FILM	2GM EA	1
9	25	PADZZ	5905-00-106-3666	RCR07G103JS	81349	RESISTOR, FIXED	2GM EA	8
9	26	XDDZZ		RNR60C3163FR	81349	RESISTOR, FXD, FILM	2GM EA	1
9	27	PADZZ	5905-00-110-7620	RCR07G102JS	81349	RESISTOR, FIXED	2GM EA	3
9	28	PADZZ	5905-00-119-8812	RCR07G121JS	81349	RESISTOR, FIXED	2GM EA	1
9	29	PADZZ	5905-00-110-0388	RCR07G104JS	81349	RESISTOR, FIXED	2GM EA	4
9	30	PADZZ	5905-00-105-7765	RCR07G224JS	81349	RESISTOR, FIXED	2GM EA	1
9	31	XDDZZ		RNR60C20C3FR	81349	RESISTOR, FXD, FILM	2GM EA	3
9	32	PADZZ	5905-00-114-5343	RCR07G182JS	81349	RESISTOR, FIXED	2GM EA	2
9	33	PADZZ	5905-00-120-9154	RCR07G471JS	81349	RESISTOR, FIXED	2GM EA	1
9	34	PADZZ	5905-00-114-5344	RCR07G184JS	81349	RESISTOR, FIXED	2GM EA	1
9	35	PADZZ	5905-00-131-1255	RCR07G122JS	81349	RESISTOR, FIXED	2GM EA	1
9	36	PADZZ	5905-00-115-3560	RCR07G183JS	81349	RESISTOR, FIXED	2GM EA	1
9	37	PADZZ	5905-00-104-8363	RCR07G820JS	81349	RESISTOR, FIXED	2GM EA	1
9	38	PADZZ	5905-00-107-0656	RCR07G100JS	81349	RESISTOR, FXD, CMPSN	2GM EA	1

SECTION II

TM11-5895-578-34P

(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	QTY INC IN UNIT
9	39	PADZZ	5905-00-470-0029	RNR60C1003FR	81349	RESISTOR, FIXED	2GH EA	1
9	40	PADZZ	5905-00-127-9399	RCR32G390JS	81349	RESISTOR, FIXED	2GH EA	1
9	41	PADZZ	5905-00-141-0717	RCR07G473JS	81349	RESISTOR, FIXED	2GH EA	1
9	42	PADZZ	5905-00-111-4727	RCR07G272JS	81349	RESISTOR, FIXED	2GH EA	1
9	43	PADZZ	5905-00-114-0710	RCR07G331JS	81349	RESISTOR, FIXED	2GH EA	1
9	44	PADZZ	5905-00-115-3562	RCR07G394JS	81349	RESISTOR, FIXED	2GH EA	1
9	45	PADZZ	5950-00-110-7622	RCR07G602JS	81349	RESISTOR, FIXED	2GH EA	2
9	46	PADZZ	5905-00-106-1278	RCR07G123JS	81349	RESISTOR, FIXED	2GH EA	1
9	47	XDDZZ		SMA588244-4	80063	INTEGRATED CIRCUIT	2GH EA	1
9	48	XDDZZ		SMA588228-1	80063	INTEGRATED CIRCUIT	2GH EA	1
9	49	XDDZZ		SMA588295-1	80063	MOUNTING PAD	2GH EA	1
9	50	XDDZZ		SMC588288	80063	PRINTED WIRING BD	2GH EA	1



EL3GI012

Figure 10. Circuit Card, Primary Processor A3 (Sheet 1 of 3).

REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.
C1	1	C21	10	CR16	11	R8	25	R28	38
C2	2	C22	8	CR17	11	R9	26	R29	39
C3	1	C23	3	CR18	11	R10	27	R30	25
C4	3	C24	3	L1	13	R11	28	R31	40
C5	4	C25	3	L2	14	R12	23	R32	21
C6	3	CR1	11	L3	14	R13	29	R33	29
C7	3	CR2	11	L4	15	R14	30	R34	41
C8	3	CR3	11	L5	16	R15	31	R35	21
C9	3	CR4	11	L6	16	R16	32	R36	21
C10	5	CR5	11	P1	17	R17	33	R37	33
C11	3	CR6	11	Q1	18	R18	34	R38	42
C12	6	CR7	12	Q2	19	R19	35	R39	43
C13	3	CR8	12	Q3	19	R20	30	R40	21
C14	7	CR9	11	R1	20	R21	21	R41	44
C15	3	CR10	11	R2	20	R22	36	R42	44
C16	3	CR11	11	R3	21	R23	36	R43	45
C17	3	CR12	12	R4	22	R24	20	R44	21
C18	8	CR13	11	R5	23	R25	26	U1	46
C19	9	CR14	11	R6	24	R26	37	U2	47
C20	3	CR15	11	R7	25	R27	35	U3	48

EL36103

Figure 10. Circuit Card, Primary Processor A3 (Sheet 2 of 3).

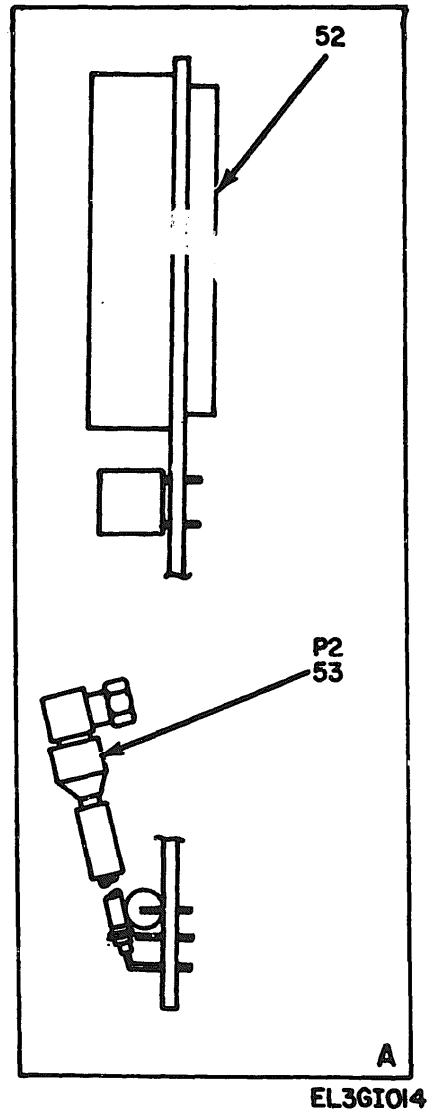


Figure 10. Circuit Card, Primary Processor A3 (Sheet 3 of 3).

SECTION II

TM11-5840-352-24P

(1) ILLUSTRATION		(2) NSM 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.							
GROUP 0103 CIRCUIT CARD, PRIMARY PROCESSOR								
A 3								
10	1	XDDZZ		SHA588247-13	80063	CAPACITOR,FXD	2GM	EA 2
10	2	PADZZ	5910-00-124-5084	CR06BX334K	81349	CAPACITOR,FIXED	2GM	EA 1
10	3	PADZZ	5910-00-116-8653	M39014-02-0218	81349	CAPACITOR,FIXED	2GM	EA 14
10	4	PADZZ	5910-00-069-1378	M39003-01	12957	CAPACITOR,FXD	2GM	EA 1
10	5	XDDZZ		SHA588247-8	80063	CAPACITOR,FXD	2GM	EA 1
10	6	XDDZZ		SHA588213-1	80063	CAPACITOR,FXD	2GM	EA 1
10	7	XDDZZ		SHA588213-4	80063	CAPACITOR,FXD	2GM	EA 1
10	8	PADZZ	5910-00-498-5584	CV31A080	81349	CAPACITOR,VARIABLE	2GM	EA 2
10	9	XDDZZ		SHA588247-4	80063	CAPACITOR,FXD	2GM	EA 1
10	10	XDDZZ		SHA588247-1	80063	CAPACITOR,FXD	2GM	EA 1
10	11	XDDZZ	5961-00-938-1135	JAN1N4148	81349	SEMICONDUCTOR,DIODE	2GM	EA 15
10	12	PADZZ	5961-00-965-6271	JAN1N3595	81349	SEMICONDUCTOR DE	2GM	EA 3
10	13	PADZZ	5950-00-921-3417	MS90537-35	96906	COIL,RADIO FREQU	2GM	EA 1
10	14	PADZZ	5950-00-926-3127	MS90537-31	96906	COIL,RADIO FREQU	2GM	EA 2
10	15	PADZZ	5950-00-921-3419	MS90537-45	96906	COIL,RADIO FREQU	2GM	EA 1
10	16	XDDZZ		SHA588246-4	80063	COIL,FIXED	2GM	EA 2
10	17	XDDZZ		C55302/1-U4	81349	CONNECTOR,MALE	2GM	EA 1
10	18	PADZZ	5961-00-951-8757	JAN2N2222A	81349	TRANSISTOR	2GM	EA 1
10	19	PADZZ	5961-00-926-0237	JAN2N2369A	81349	TRANSISTOR	2GM	EA 2
10	20	PADZZ	5905-00-110-7620	RCR07G102JS	81349	RESISTOR,FIXED	2GM	EA 3
10	21	PADZZ	5905-00-141-1183	RCR07G103JS	81349	RESISTOR,FXD,CMPSN	2GM	EA 7
10	22	PADZZ	5905-00-114-5339	RCR07G154JS	81349	RESISTOR,FXD,CMPSN	2GM	EA 1
10	23	PADZZ	5905-00-118-4559	RCR07G333JS	81349	RESISTOR,FIXED	2GM	EA 2
10	24	PADZZ	5905-00-105-7765	RCR07G224JS	81349	RESISTOR,FIXED	2GM	EA 1
10	25	PADZZ	5905-00-110-0388	RCR07G104JS	81349	RESISTOR,FIXED	2GM	EA 3
10	26	PADZZ	5905-00-106-3666	RCR07G103JS	81349	RESISTOR,FIXED	2GM	EA 2
10	27	PADZZ	5905-00-110-7622	RCR07G682JS	81349	RESISTOR,FIXED	2GM	EA 1
10	28	PADZZ	5905-00-116-8556	RCR07G223JS	81349	RESISTOR,FIXED	2GM	EA 1
10	29	PADZZ	5905-00-114-5344	RCR07G184JS	81349	RESISTOR,FIXED	2GM	EA 2
10	30	PADZZ	5905-00-118-4560	RCR07G395JS	81349	RESISTOR,FIXED	2GM	EA 2
10	31	PADZZ	5905-00-105-7768	RCR07G561JS	81349	RESISTOR,FIXED	2GM	EA 1
10	32	PADZZ	5905-00-119-3505	RCR07G683JS	81349	RESISTOR,FIXED	2GM	EA 1
10	33	PADZZ	5905-00-115-3562	RCR07G394JS	81349	RESISTOR,FIXED	2GM	EA 2
10	34	PADZZ	5905-00-116-8554	RCR07G105JS	81349	RESISTOR,FIXED	2GM	EA 1
10	35	PADZZ	5905-00-131-1255	RCR07G122JS	81349	RESISTOR,FIXED	2GM	EA 2
10	36	PADZZ	5905-00-141-0744	RCR07G562JS	81349	RESISTOR,FIXED	2GM	EA 2
10	37	PADZZ	5905-00-111-4727	RCR07G272JS	81349	RESISTOR,FIXED	2GM	EA 1
10	38	PADZZ	5905-00-106-1357	RCR07G563JS	81349	RESISTOR,FIXED	2GM	EA 1

SECTION II

TM11-5840-352-24P

(1) ILLUSTRATION		(2) BMR 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	
10	39	PADZZ	5905-00-244-6934	RCR07G824JS	81349	RESISTOR, FIXED.	2GM EA	1
10	40	PADZZ	5905-00-119-3504	RCR07G273JS	81349	RESISTOR, FIXED.	2GM EA	1
10	41	PADZZ	5905-00-114-0711	RCR07G472JS	81349	RESISTOR, FIXED	2GM EA	1
10	42	PADZZ	5905-00-141-0717	RCR07G473JS	81349	RESISTOR, FIXED	2GM EA	1
10	43	PADZZ	5905-00-119-881	RCR07G151JS	81349	RESISTOR, FIXED	2GM EA	1
10	44	PADZZ	5905-00-115-8055	RCR07G393JS	81349	RESISTOR, FIXED.	2GM EA	2
10	45	PADZZ	5905-00-106-9356	RCR07G203JS	81349	RESISTOR, FIXED	2GM EA	1
10	46	XDDZZ		SMA588242-1	80063	INTEGRATED CIRCUIT	2GM EA	1
10	47	XDDZZ		SMA588228-001	80063	INTEGRATED CIRCUIT	2GM EA	1
10	48	XDDZZ		SMA588244-3	80063	INTEGRATED CIRCUIT	2GM EA	1
10	49	XDDZZ		SMD588284	80063	ENCLOSURE	2GM EA	1
10	50	XDDZZ		SMC588285	80063	PRINTED WRG BOARD	2GM EA	1
10	51	XDDZZ		SMA588295-1	80063	MOUNTING PAD	2GM EA	2
10	52	XDDZZ		SMD588401	80063	ENCLOSURE ASSEMBLY	2GM EA	1
10	53	XDDZZ		SMA588227-2	80063	CONNECTOR	2GM EA	1

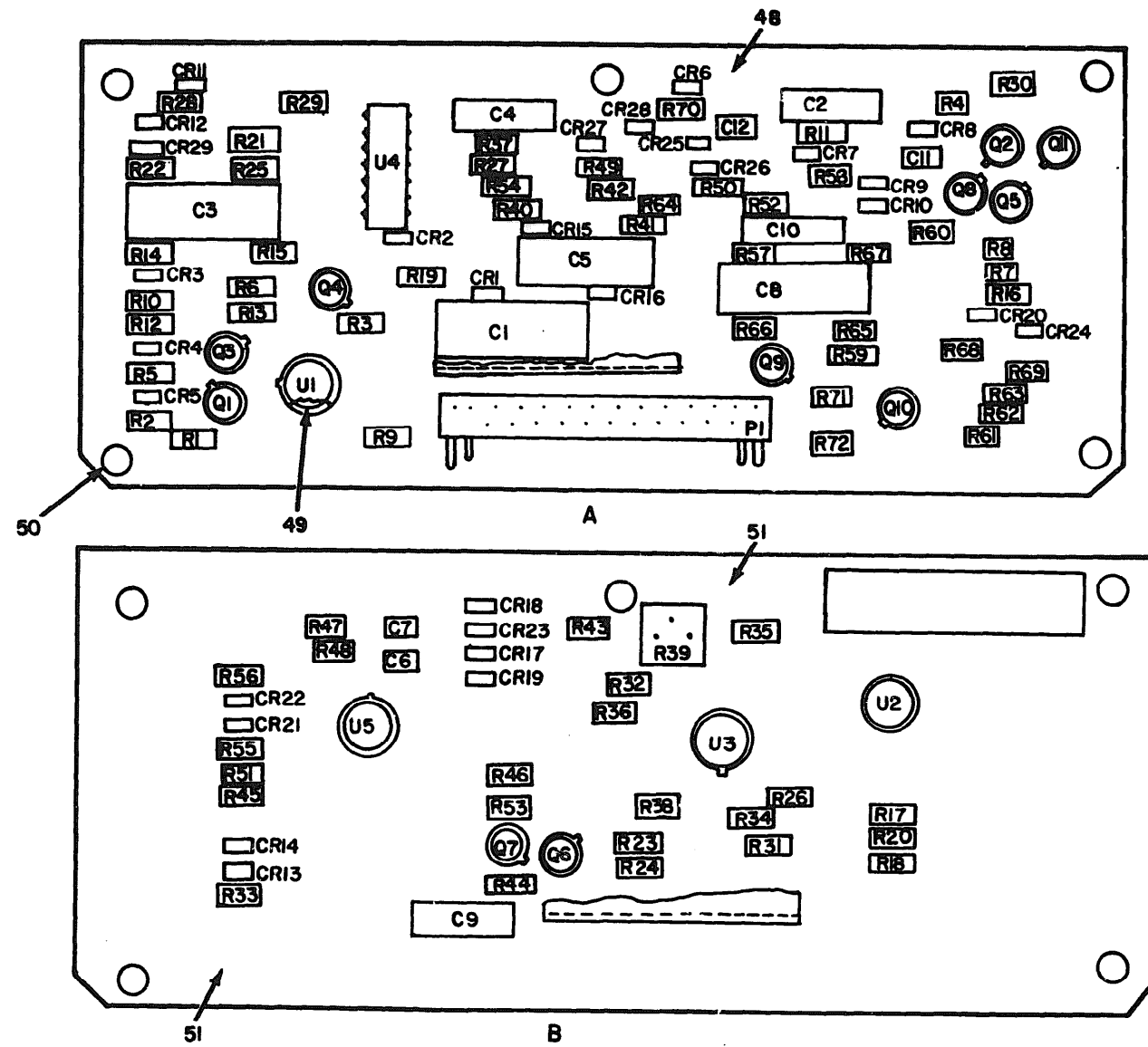


Figure 11. Circuit Card, Secondary Processor A4 (Sheet 1 of 2).

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	CR6	8	CR23	8	Q10	11	R16	17	R33	32	R50	18	R67	23
C2	2	CR7	8	CR24	7	Q11	11	R17	16	R34	33	R51	40	R68	14
C3	1	CR8	8	CR25	8	R1	13	R18	16	R35	34	R52	16	R69	14
C4	2	CR9	8	CR26	8	R2	14	R19	24	R36	29	R53	16	R70	19
C5	3	CR10	8	CR27	8	R3	15	R20	17	R37	20	R54	25	R71	20
C6	4	CR11	7	CR28	8	R4	16	R21	25	R38	33	R55	37	R72	20
C7	4	CR12	8	CR29	8	R5	17	R22	16	R39	35	R56	17	U1	43
C8	1	CR13	8	P1	9	R6	18	R23	26	R40	36	R57	20	U2	44
C9	2	CR14	8	Q1	10	R7	18	R24	27	R41	30	R58	41	U3	45
C10	2	CR15	8	Q2	11	R8	19	R25	28	R42	20	R59	42	U4	46
C11	5	CR16	8	Q3	11	R9	20	R26	20	R43	30	R60	21	U5	47
C12	6	CR17	8	Q4	12	R10	14	R27	29	R44	37	R61	15		
CR1	7	CR18	8	Q5	10	R11	21	R28	23	R45	38	R62	16		
CR2	8	CR19	8	Q6	12	R12	13	R29	28	R46	39	R63	34		
CR3	7	CR20	7	Q7	12	R13	22	R30	23	R47	14	R64	20		
CR4	8	CR21	8	Q8	10	R14	23	R31	30	R48	14	R65	41		
CR5	8	CR22	8	Q9	10	R15	17	R32	31	R49	18	R66	18		

EL3GI016

Figure 11. Circuit Card, Secondary Processor A4 (Sheet 2 of 2).

SECTION II

TM11-5895-578-34P

(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
GROUP 0105 CIRCUIT CARD, SECONDARY								
PROCESSOR A4								
11	1	XDOZZ		SMA588213-1	80063	CAPACITOR,FXD	2GM EA	3
11	2	XDOZZ		SMA588213-4	80063	CAPACITOR,FXD	2GM EA	4
11	3	XDOZZ		SMA588213-3	80063	CAPACITOR,FXD	2GM EA	1
11	4	PADZZ	5910-00-103-7748	CK068X105K	81349	CAPACITOR,FIXED	2GM EA	2
11	5	PADZZ	5910-00-022-5655	M39014/01-0237	81349	CAPACITOR,FIXED	2GM EA	1
11	6	PADZZ	5910-00-13-5459	CK068X394K	81349	CAPACITOR,FIXED	2GM EA	1
11	7	PADZZ	5961-00-965-6271	JAN1N3595	81349	SEMICONDUCTOR,DIODE	2GM EA	9
11	8	PADZZ	5961-00-938-1135	JAN1N4148	81349	SEMICONDUCTOR DE	2GM EA	24
11	9	PADZZ	5935-00-478-7510	M55302/1-04	81349	CONNECTOR,RECEPT	2GM EA	1
11	10	PADZZ	5961-00-951-8757	JAN2N2222A	81349	TRANSISTOR	2GM EA	4
11	11	PADZZ	5961-00-925-3777	JAN2N2907A	81349	TRANSISTOR	2GM EA	4
11	12	XDOZZ		SMA588551-1	80063	TRANSISTOR	2GM EA	3
11	13	PADZZ	5905-00-131-1255	RCR07G122JS	81349	RESISTOR,FIXED	2GM EA	2
11	14	PADZZ	5905-00-116-8556	RCR07G223JS	81349	RESISTOR,FIXED	2GM EA	6
11	15	PADZZ	5905-00-104-8358	RCR07G822JS	81349	RESISTOR,FIXED	2GM EA	2
11	16	PADZZ	5905-00-141-0717	RCR07G473JS	81349	RESISTOR,FIXED	2GM EA	5
11	17	PADZZ	5905-00-110-0388	RCR07G104JS	81349	RESISTOR,FIXED	2GM EA	5
11	18	PADZZ	5905-00-114-5339	RCR07G154JS	81349	RESISTOR,FIXED	2GM EA	5
11	19	PADZZ	5905-00-105-7765	RCR07G224JS	81349	RESISTOR,FIXED	2GM EA	2
11	20	PADZZ		RCR07G102JS	81349	RESISTOR,FIXED	2GM EA	8
11	21	PADZZ	5905-00-400-4528	RCR07G124JS	81349	RESISTOR,FIXED	2GM EA	2
11	22	PADZZ	5950-00-105-7767	RCR07G474JS	81349	RESISTOR,FIXED	2GM EA	1
11	23	PADZZ	5905-00-106-3666	RCR07G103JS	81349	RESISTOR,FIXED	2GM EA	4
11	24	PADZZ	5905-00-104-8371	RCR07G275JS	81349	RESISTOR,FIXED	2GM EA	1
11	25	PADZZ	5905-00-104-8357	RCR07G684JS	81349	RESISTOR,FIXED	2GM EA	2
11	26	PADZZ	5905-00-114-5343	RCR07G182JS	81349	RESISTOR,FIXED	2GM EA	1
11	27	PADZZ	5905-00-106-1356	RCR07G152JS	81349	RESISTOR,FIXED	2GM EA	1
11	28	PADZZ	5905-00-126-6677	RCR07G335JS	81349	RESISTOR,FIXED	2GM EA	2
11	29	PADZZ	5905-00-116-8554	RCR07G105JS	81349	RESISTOR,FIXED	2GM EA	2
11	30	PADZZ	5905-00-141-0743	RCR07G392JS	81349	RESISTOR,FIXED	2GM EA	3
11	31	PADZZ	5905-00-121-9938	RCR07G753JS	81349	RESISTOR,FIXED	2GM EA	1
11	32	PADZZ	5905-00-119-3504	RCR07G273JS	81349	RESISTOR,FIXED	2GM EA	1
11	33	PADZZ	5905-00-114-0711	RCR07G472JS	81349	RESISTOR,FIXED	2GM EA	2
11	34	PADZZ	5905-00-105-7764	RCR07G222JS	81349	RESISTOR,FIXED	2GM EA	2
11	35	PADZZ	5905-00-429-9585	RJ24CP502	81349	RESISTOR,VARIABLE	2GM EA	1
11	36	PADZZ	5905-00-118-4559	RCR07G333JS	81349	RESISTOR,FIXED	2GM EA	1
11	37	PADZZ	5905-00-119-3505	RCR07G683JS	81349	RESISTOR,FIXED	2GM EA	2
11	38	PADZZ	5905-00-369-6932	RCR07G113JS	81349	RESISTOR,FIXED	2GM EA	1

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(1) ILLUSTRATION		(2) BMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM I.O.					USABLE ON CODE		
11	39	PADZZ	5905-00-115-8055	RCR07G393JS	81349	RESISTOR, FIXED	2GM EA	1
11	40	PADZZ	5905-00-110-7622	ACP07G682JS	81349	RESISTOR, FIXED	2GM EA	1
11	41	PADZZ	5905-00-435-6374	RCR07G823JS	81349	RESISTOR, FIXED	2GM EA	2
11	42	PADZZ	5905-00-114-5344	RCR07G184JS	81349	RESISTOR, FIXED	2GM EA	1
11	43	XDOZZ		SMA588244-1	80063	INTEGRATED CIRCUIT	2GM EA	1
11	44	XDOZZ		SMA588244-2	80063	INTEGRATED CIRCUIT	2GM EA	1
11	45	XDOZZ		SMA588243-1	80063	INTEGRATED CIRCUIT	2GM EA	1
11	46	XDOZZ		SMA588228-1	80063	INTEGRATED CIRCUIT	2GM EA	1
11	47	XDOZZ		SMA588242-1	80063	INTEGRATED CIRCUIT	2GM EA	1
11	48	XDOZZ		SMC588286	80063	PRINTED WRG BOARD	2GM EA	1
11	49	XDOZZ		SMA588295-1	80063	PAD MOUNTING	2GM EA	4
11	50	XDOZZ		SMA588299-1	80063	SPACER	2GM EA	5
11	51	XDOZZ		SMC588287	80063	PRINTED WRG BOARD	2GM EA	1

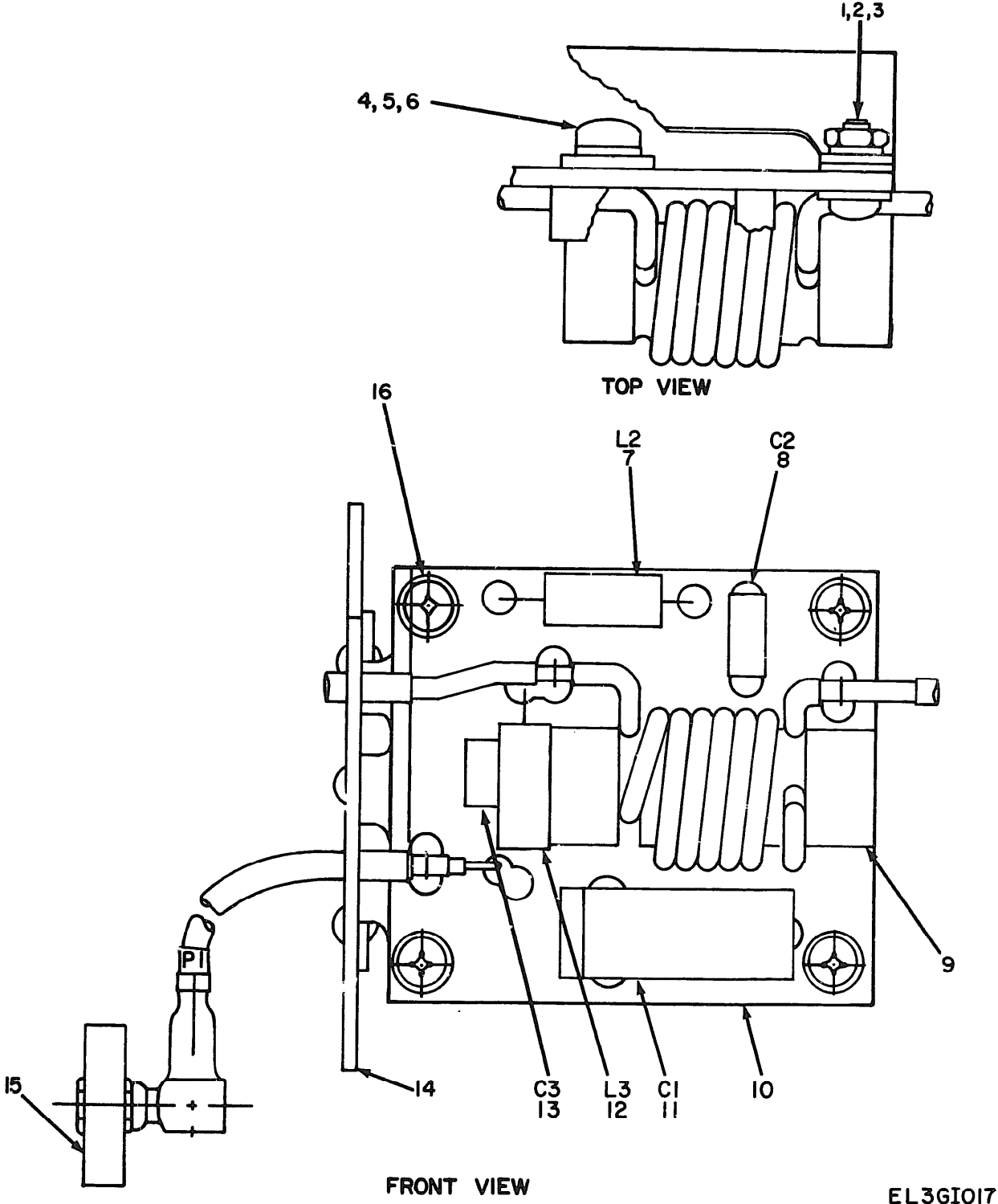


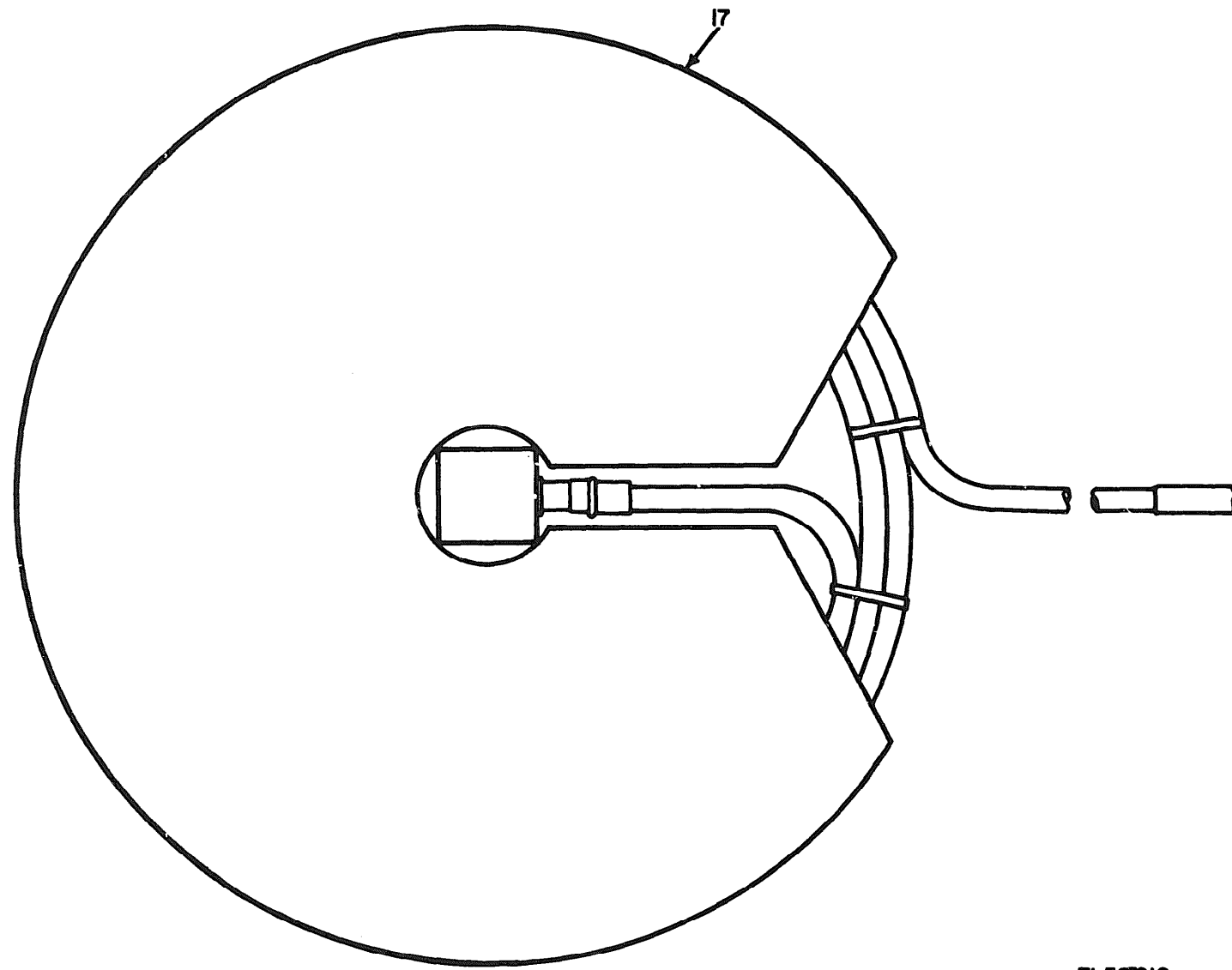
Figure 12, Antenna Coupler A5 (Sheet 1 of 2),

EL3GI017

SECTION II

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(3)	(4)	(5)	(6)	(7)	(8)
NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M	QTY INC IN UNIT
				USABLE ON CODE	
5905-00-115-8055	RCR07G393JS	81349	RESISTOR, FIXED	2GM EA	1
5905-00-110-7622	RCP07G682JS	81349	RESISTOR, FIXED	2GM EA	1
5905-00-435-6374	RCR07G823JS	81349	RESISTOR, FIXED	2GM EA	2
5905-00-114-5344	RCR07G184JS	81349	RESISTOR, FIXED	2GM EA	1
	SMA588244-1	80063	INTEGRATED CIRCUIT	2GM EA	1
	SMA588244-2	80063	INTEGRATED CIRCUIT	2GM EA	1
	SMA588243-1	80063	INTEGRATED CIRCUIT	2GM EA	1
	SMA588228-1	80063	INTEGRATED CIRCUIT	2GM EA	1
	SMA588242-1	80063	INTEGRATED CIRCUIT	2GM EA	1
	SMC588286	80063	PRINTED WRG BOARD	2GM EA	1
	SMA588295-1	80063	PAD MOUNTING	2GM EA	4
	SMA588299-1	80063	SPACER	2GM EA	5
	SMC588287	80063	PRINTED WRG BOARD	2GM EA	1



EL361018

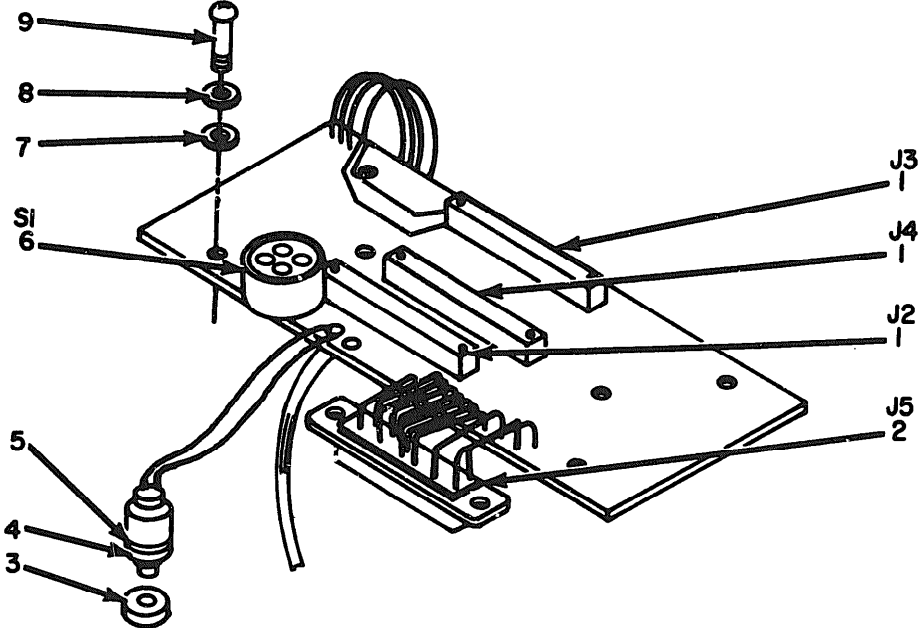
Figure 12. Antenna Coupler A5 (Coil Assembly) (Sheet 2 of 2).

SECTION II

TM11-5840-352-24P

(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	QTY INC IN UNIT
						GROUP 0106 ANTENNA COUPLER A5		
12	1	PADZZ	5310-00-928-2690	MS35338-134	96906	WASHER, LOCK	2GM	EA 4
12	2	PADZZ	5310-00-938-2013	MS35649-224	96906	NUT, PLAIN, HEXAGO	2GM	EA 4
12	3	PADZZ	5305-00-054-5637	MS51957-3	96906	SCREW, MACHINE	2GM	EA 4
12	4	XDDZZ		NAS5620C4	80205	WASHER, FLAT	2GM	EA 2
12	5	PADZZ	5310-00-933-8118	MS35338-135	96906	WASHER, LOCK	2GM	EA 2
12	6	PADZZ	5305-00-054-5648	MS51957-14	96906	SCREW, MACHINE	2GM	EA 2
12	7	PADZZ	5950-00-994-0403	MS90537-1	96906	COIL, RADIO FREQU	2GM	EA 1
12	8	XDDZZ		CC505H080F	81349	CAPACITOR, FXD	2GM	EA 1
12	9	XDDZZ		SMD588266	80063	FORM, COIL	2GM	EA 1
12	10	XDDZZ		SMC588290	80063	PRINTED WRG BOARD	2GM	EA 1
12	11	XDDZZ		SMA588252-002	80063	CAPACITOR, VAR	2GM	EA 1
12	12	PADZZ	59950-00-913-1697	MS90537-7	96906	COIL, RADIO FREQU	2GM	EA 1
12	13	XDDZZ		SMA588247-15	80063	CAPACITOR, FXD	2GM	EA 1
12	14	XDDZZ		SMD588292	80063	HOLDER, ANT CPLR	2GM	EA 1
12	15	XDDZZ		SMC588323	80063	KNOB, CONNECTOR	2GM	EA 1
12	16	XDDZZ		NAS62002	80205	WASHER, FLAT	2GM	EA 6
12	17	XDDZZ		SMD588525	80063	REEL, CABLE	2GM	EA 1

Text



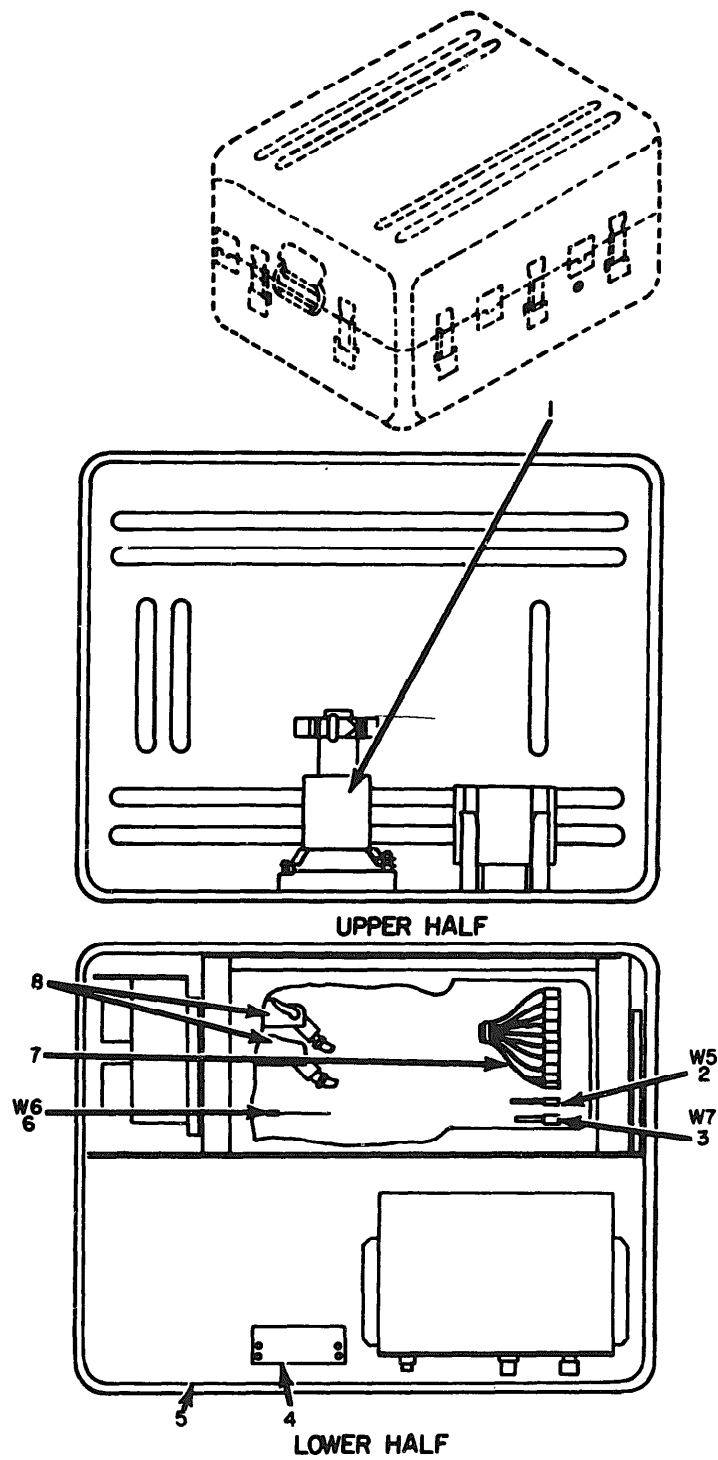
EL3GI09

Figure 13. Interconnection Board A6.

SECTION II

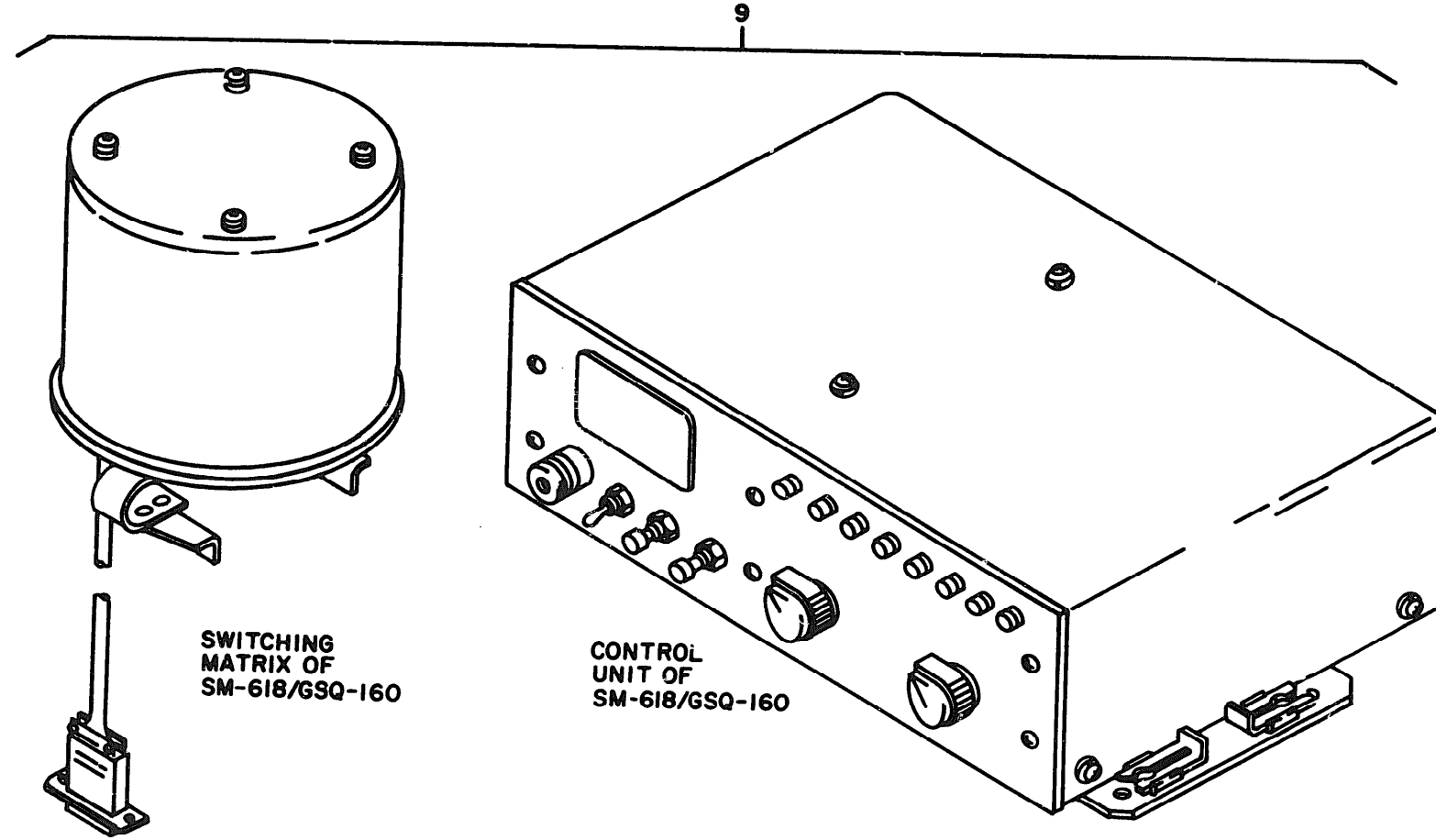
TM 11-5840-352-24P

(1) ILLUSTRATION		(2) SMR CODE	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) USABLE ON CODE	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.						
GROUP 0107 INTERCONNECTION BOARD A6							
13	1	PAHZZ	5935-00-478-7511	MS5302/2-04	61349	CONNECTOR, RECEPT	2GM EA 3
13	2	PAHZZ	5935-00-168-4437	588260-001	12436	CONNECTOR, PLUG, ELEC	2GM EA 1
13	3	XDHZZ		SMC588314	80063	CAP, SNAP ON	2GM EA 1
13	4	PAHZZ	5310-00-924-9748	MS35649-244	96906	NUT, PLAIN, HEXAGO	2GM EA 1
13	5	PAHZZ	5310-00-595-6211	MS15795-803	96906	WASHER, FLAT	2GM EA 1
13	6	PAHZZ	5930-00-168-4440	588230-001	12436	SWITCH, SENSITIVE	2GM EA 1
13	7	PAHZZ	5310-00-722-5998	MS15795-805	96906	WASHER, FLAT	2GM EA 6
13	8	PAHZZ	5310-00-933-8118	MS35330-135	96906	WASHER, LOCK	2GM EA 6
13	9	PAHZZ	5305-00-054-5648	MS51957-14	96906	SCREW, MACHINE	2GM EA 6



EL36I020

Figure 14. Simulator Group OH-29/GSQ-160 (Sheet 1 of 2).



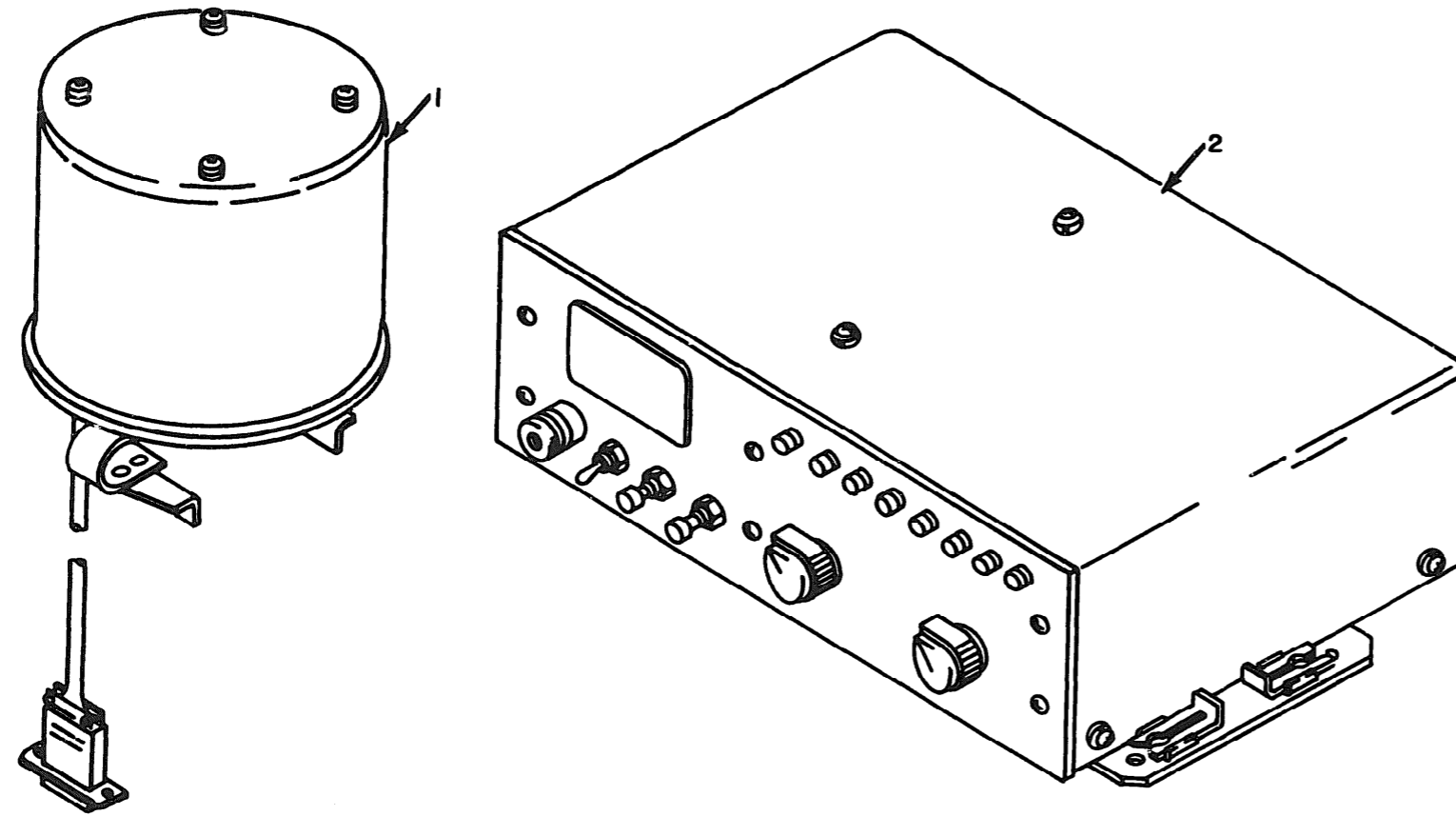
EL36I02I

Figure 14. Simulator Group OH-29/GSQ-160 (Sheet 2 of 2).

SECTION II

TML1-5840-352-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) P8CM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
GROUP 00 SIMULATOR GROUP OH-29/GSQ-160								
14	1	PAFDL	6625-00-415-6360	SM-616/GSQ-160	80058	SIMULATOR, ANTENNA	SHI EA	1
14	2	XDFZZ		SMC588516	80063	CABLE ASSEMBLY	SHI EA	1
14	3	PAFZZ	5995-00-187-3749	SMC588518	80063	CABLE ASSEMBLY	SHI EA	1
14	4	PAHDL	6625-00-415-6359	SM-617/GSQ-160	80063	SIMULATOR, ANTENNA	SHI EA	1
14	5	PADDD	6625-00-415-6353	HX-8924/GSQ-160	80058	ELECTRONIC CKT PLUG	SHI EA	1
14	6	PAFZZ	5995-00-169-6050	SMC588517	80063	CABLE ASSEMBLY	SHI EA	1
14	7	PAFDD	6625-00-415-6347	CX-12593/GSQ-160	80063	CABLE ASSY, SPCL PRP	SHI EA	1
14	8	PAFDD	6625-00-415-6346	CX-12591/GSQ-160	80063	CABLE ASSEMBLY	SHI EA	1
14	9	PAFDD	6625-00-415-6352	SM-618/GSQ-160	80058	TARGET STD SIM	SHI EA	1



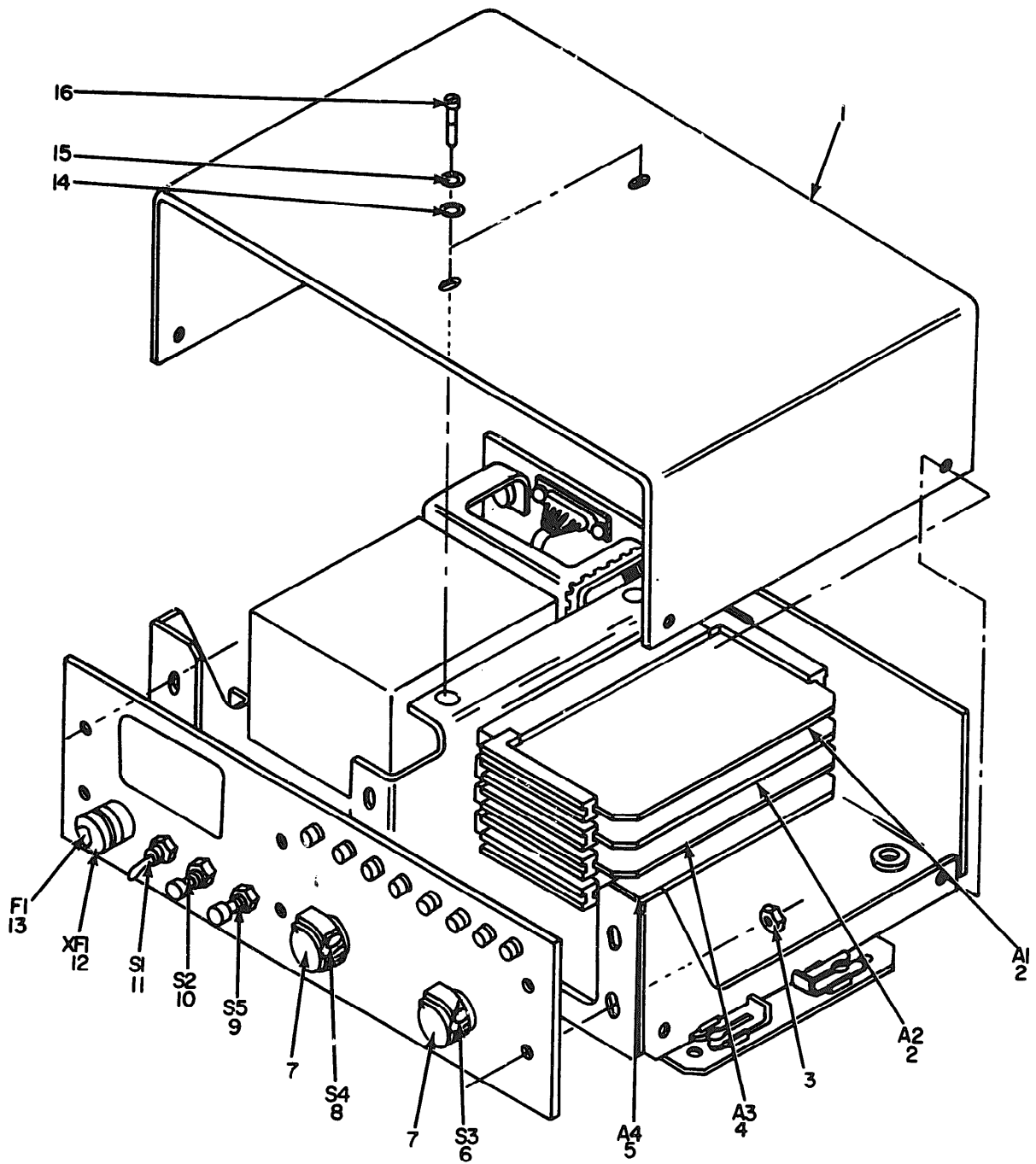
EL36I022

Figure 15. Target Standard Simulator SM-518/GSQ-160.

SECTION II

TM11-5840-352-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) USABLE ON CODE U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.							
15	1	XDFDD		SM588692	80063	GROUP 01 TARGET STANDARD SIMULATOR SM-618/GSQ-160 SWITCHING MATRIX	5H1 EA	1
15	2	XDFDD		SM588696	80063	CONTROL UNIT ASSY	5H1 EA	1



EL3GI023

Figure 16. Control Unit.

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FBCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC R. UNIT
(a) FIG NO.	(b) ITEM NO.							
GROUP C101 CONTROL UNIT								
16	1	XDFZZ		SMD588396	80063	COVER, SNRS EXER	SHI EA	1
16	2	XDFDL		SMD588369	80063	CIRCUIT CARD ASSY	SHI EA	2
16	3	PADZZ	5310-00-934-9748	MS35649-244	96906	NUT	SHI EA	6
16	4	XDFDL		SMD588371	80063	CIRCUIT CARD ASSY	SHI EA	1
16	5	XDFDL		SMD588370	80063	CIRCUIT CARD ASSY	SHI EA	1
16	6	XDDZZ		M-3786-4-0014	81349	SWITCH, ROTARY	SHI EA	1
16	7	PAOZZ	5355-00-556-0145	MS91528-1K2B	96906	KNOB, CONTROL	SHI EA	2
16	8	PADZZ	5930-00-418-3583	M3786-4-0035	81349	SWITCH, ROTARY	SHI EA	1
16	9	XDDZZ		SMA588410-002	80063	SWITCH, PUSH	SHI EA	1
16	10	XDDZZ		SMA588410-001	80063	SWITCH, PUSH	SHI EA	1
16	11	PADZZ	5930-00-943-4957	MS75028-22	96906	SWITCH, TOGGLE	SHI EA	1
16	12	PADZZ	5920-00-875-4100	FHN266Z	81349	FUSEHOLDER	SHI EA	1
16	13	PAOZZ	5920-00-280-9328	F02B125V-2-2A	81349	FUSE, CARTRIDGE	SHI EA	1
16	14	PAFZZ	5310-00-595-6211	MS15795-803	96906	WASHER, FLAT	SHI EA	12
16	15	PADZZ		MS3533A-135	96906	WASHER, LOCK	SHI EA	12
16	16	PAFZZ	5305-00-054-5649	MS51957-15	96906	SCREW, PAN HEAD	SHI EA	12

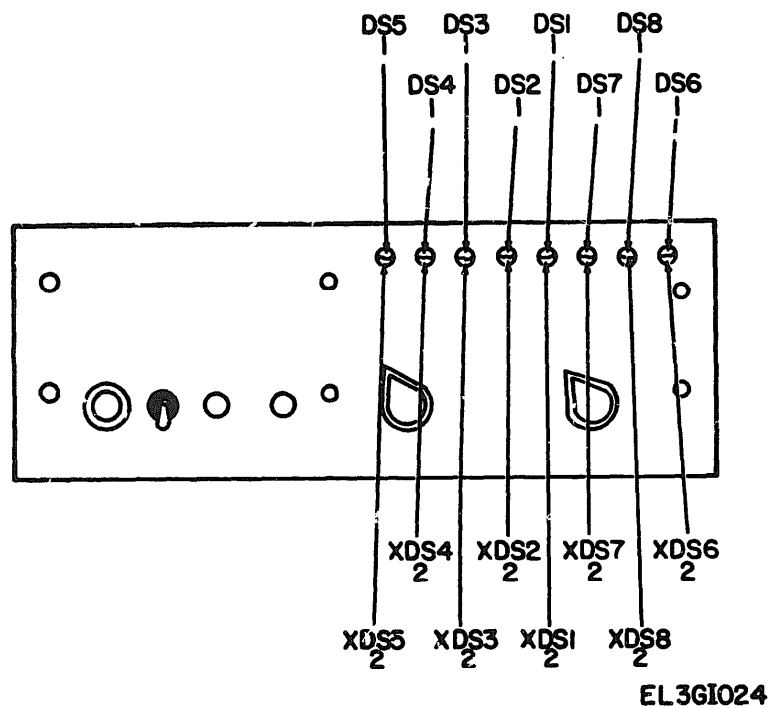
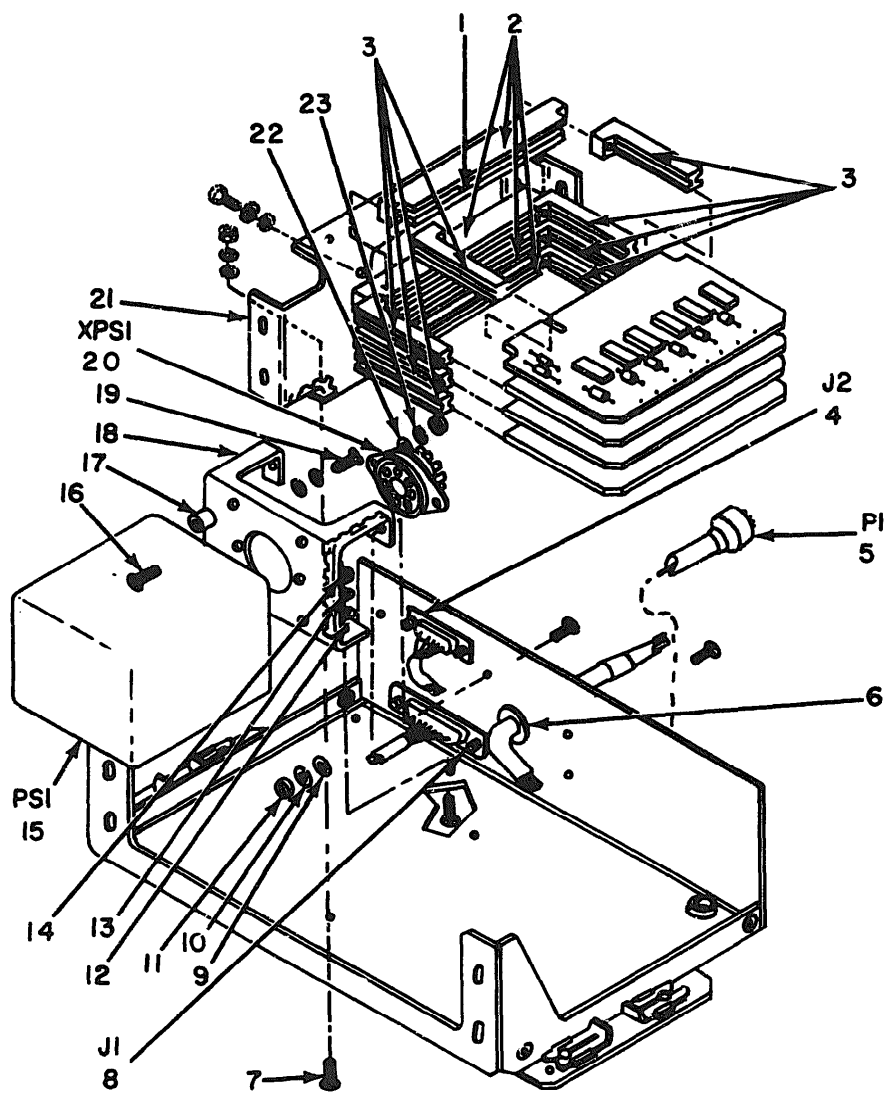


Figure 17. Control Unit, Controls and Indicators.

SECTION II

TM11-5840-352-24P

(1) ILLUSTRATION		(2) SNR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.					USABLE ON CODE		
17	1	XDDZZ	6210-00-927-7461	SHA588269	80063	LAMP, INCANDESCENT	SHI EA	8
17	2	PADZZ		MS90308-9	96906	LAMPHOLDER	SHI EA	8



EL3GI025

Figure 18. Control Unit, Power Supply.

SECTION II

TM11-5840-352-24P

(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.							
18	1	XDDZZ		SMA588255	80063	KEY, POLARIZING	SHI EA	6
18	2	PADZZ	5935-00-722-7845	M21097-1-163	81349	CONNECTOR	SHI EA	6
18	3	XDDZZ		SMA588296	80063	GUIDE, CIRCUIT BOARD	SHI EA	8
18	4	XDDZZ		MS24308-1-2	96906	CONNECTOR	SHI EA	1
18	5	XDDZZ		SMA588293	80063	CABLE ASSEMBLY	SHI EA	1
18	6	XDDZZ		SMA588297	80063	BUSHING, STR RELIEF	SHI EA	1
18	7	PADZZ	5305-00-054-5649	MS51957-15	96906	SCRFH, PAN HEAD	SHI EA	8
18	8	PADZZ	5935-00-351-6135	M24308-1-3	81349	CONNECTOR	SHI EA	1
18	9	XDDZZ		MS15795-807	96906	WASHER, FLAT	SHI EA	7
18	10	PADZZ	5310-00-933-8119	MS35338-137	96906	WASHER, LOCK	SHI EA	7
18	11	PADZZ	5310-00-934-9759	MS35649-284	96906	NUT	SHI EA	7
18	12	PADZZ	5310-00-595-6211	MS15795-803	96906	WASHER, FLAT	SHI EA	14
18	13	PADZZ	5310-00-933-8118	MS35338-135	96906	WASHER, LOCK	SHI EA	14
18	14	PADZZ	5310-00-934-9748	MS35649-244	96906	NUT	SHI EA	6
18	15	XDDZZ		SMA588262	80063	POWER SUPPLY	SHI EA	1
18	16	PADZZ	5305-00-054-6654	MS51957-30	96906	SCREW, PAN HEAD	SHI EA	2
18	17	PADZZ	5365-00-684-2093	NAS43DD0-16	80205	SPACER	SHI EA	4
18	18	XDDZZ		SMC588395	80063	BRACKET, PWR SUPPLY	SHI EA	1
18	19	PADZZ	5305-00-054-6670	MS51957-45	96906	SCREW, PAN HEAD	SHI EA	4
18	20	XDDZZ		M12883-01-04	81349	SOCKET	SHI EA	1
18	21	XDDZZ		SMD588372	80063	BRACKET, CONN MTG	SHI EA	1
18	22	PADZZ	5310-00-722-5998	MS15795-805	96906	WASHER, FLAT	SHI EA	2
18	23	PADZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK	SHI EA	2

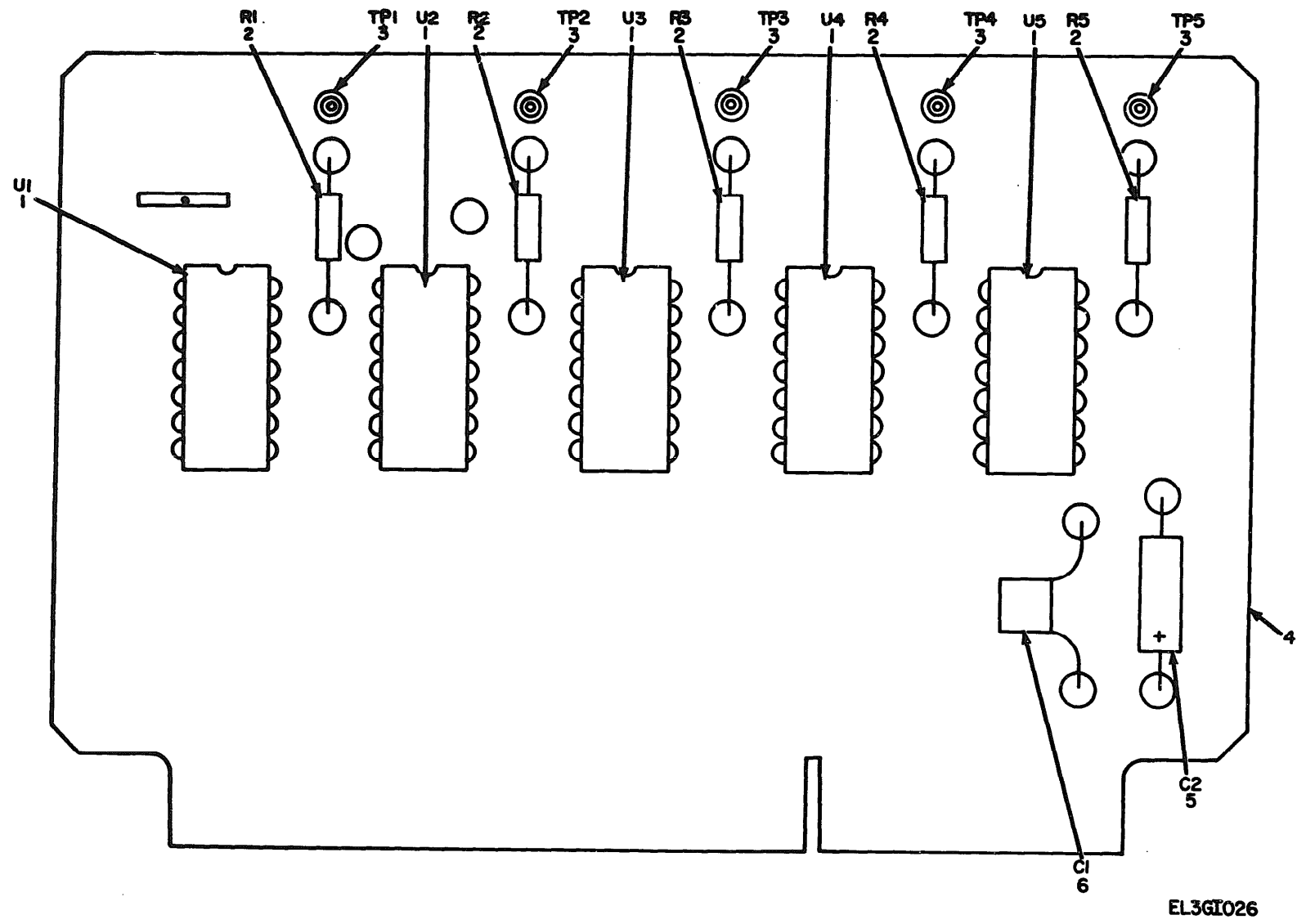


Figure 19. Circuit Card Assembly A1.

SECTION II

TM11-5840-352-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.					USABLE ON CODE		
						GROUP 010101 CIRCUIT CARD ASSEMBLY A1		
19	1	XDDZZ		SHAS88307	80063	INTEGRATED CIRCUIT	SHI EA	5
19	2	PADZZ	5905-00-106-3666	RCR07G103JS	81349	RESISTOR,FXD CNPSM	SHI EA	5
19	3	XDDZZ		SHAS88236	80063	CONTACT-ELEC,PIN	SHI EA	5
19	4	XDDZZ		SMC588398	80063	PRINTED WRG BOARD	SHI EA	1
19	5	PADZZ	5910-00-164-2031	M39003-01-2961	81349	CAPACITOR	SHI EA	1
19	6	PADZZ	5910-00-022-5655	M39016/01-0237	81349	CAPACITOR	SHI EA	1

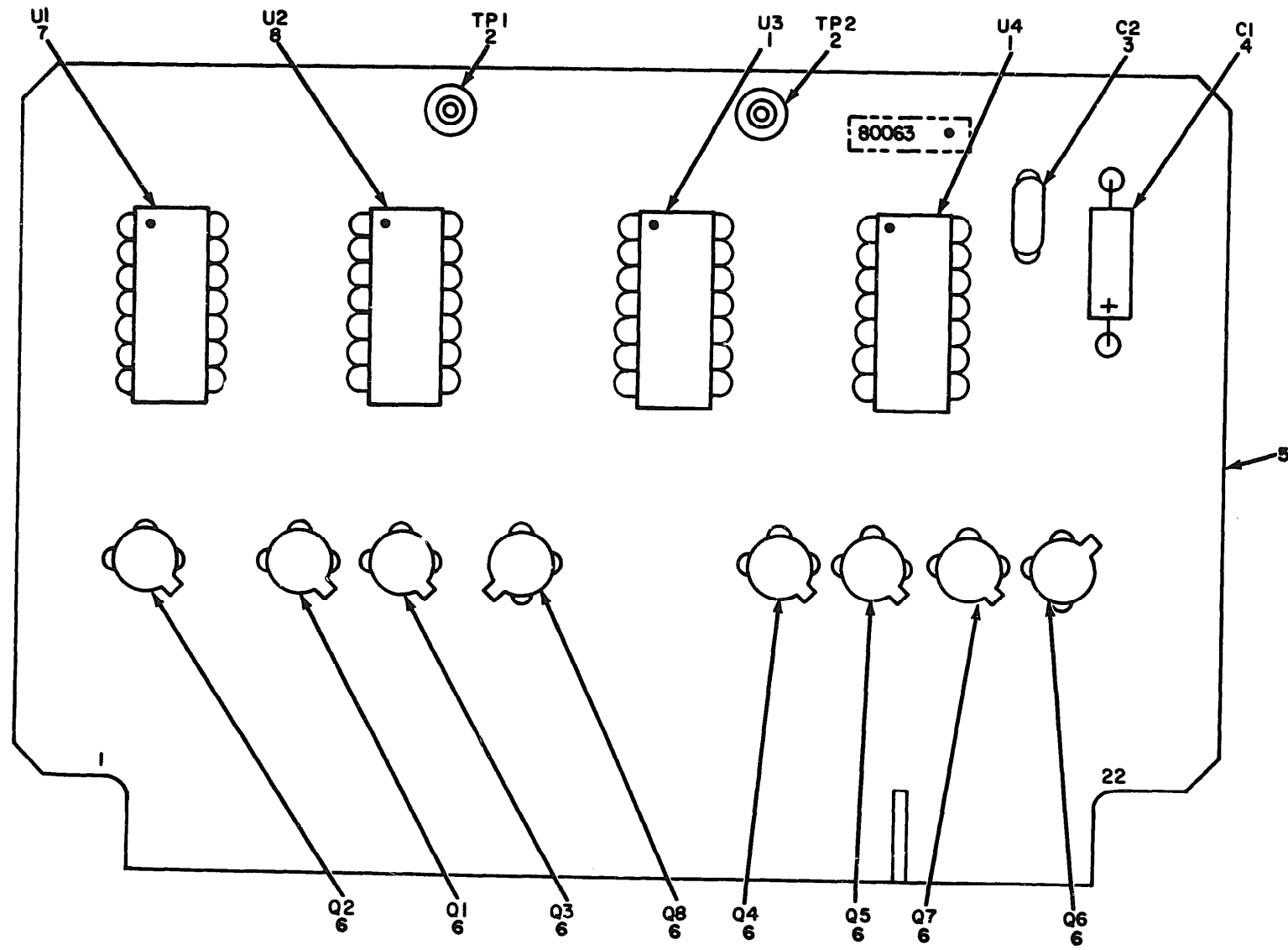
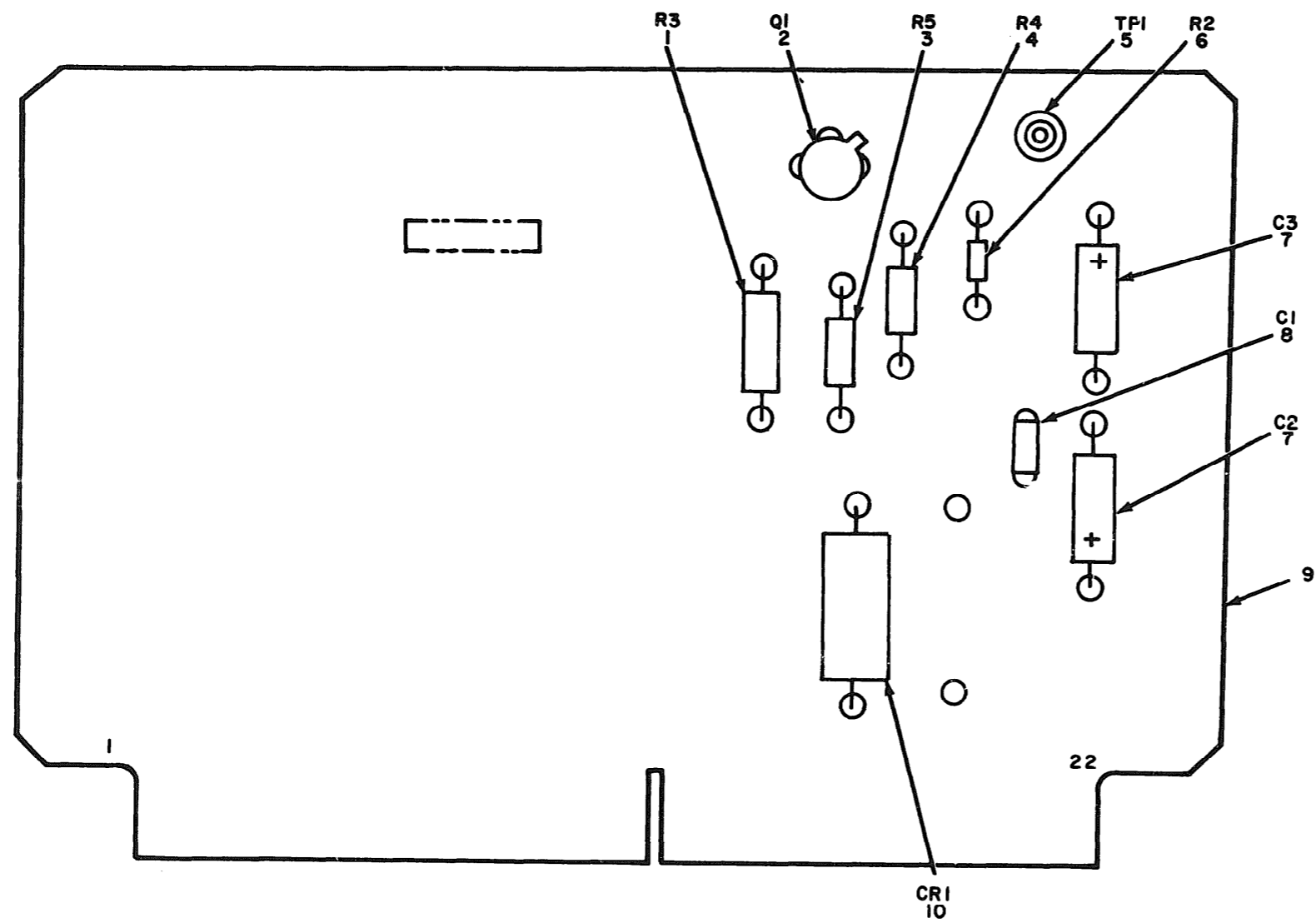


Figure 20. Circuit Card Assembly A3.

SECTION II

TM11-5840-352-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY ING IN UNIT
(a) FIG NO.	(b) ITEM NO.					USABLE ON CODE		
GROUP 010103 CIRCUIT CARD ASSEMBLY A3								
20	1	XDDZZ		SMA588306	80063	INTEGRATED CIRCUIT	SHI EA	2
20	2	XDDZZ		SMA588236	80063	CONTACT	SHI EA	2
20	3	PADZZ	5910-00-022-5655	M39014/01-0237	81349	CAPACITOR	SHI EA	1
20	4	PADZZ	5910-00-164-2031	M39003-01-2961	81349	CAPACITOR	SHI EA	1
20	5	XDDZZ		SMC588434	80063	PRINTED WRG BOARD	SHI EA	1
20	6	PADZZ	5961-00-951-8757	JAN2N2222A	81349	TRANSISTOR	SHI EA	6
20	7	XDDZZ		SMA588259	80063	INTEGRATED CIRCUIT	SHI EA	1
20	8	XDDZZ		SMA588258	80063	INTEGRATED CIRCUIT	SHI EA	1



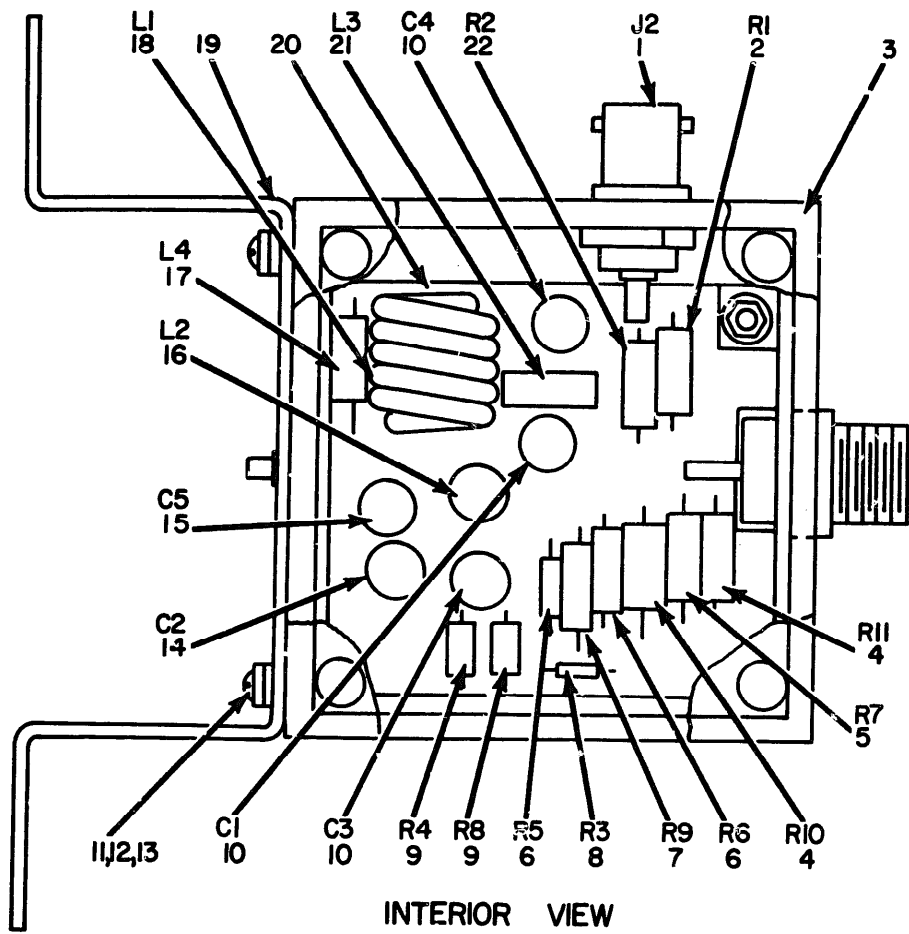
EL3GI028

Figure 21. Circuit Card Assembly A4.

SECTION II

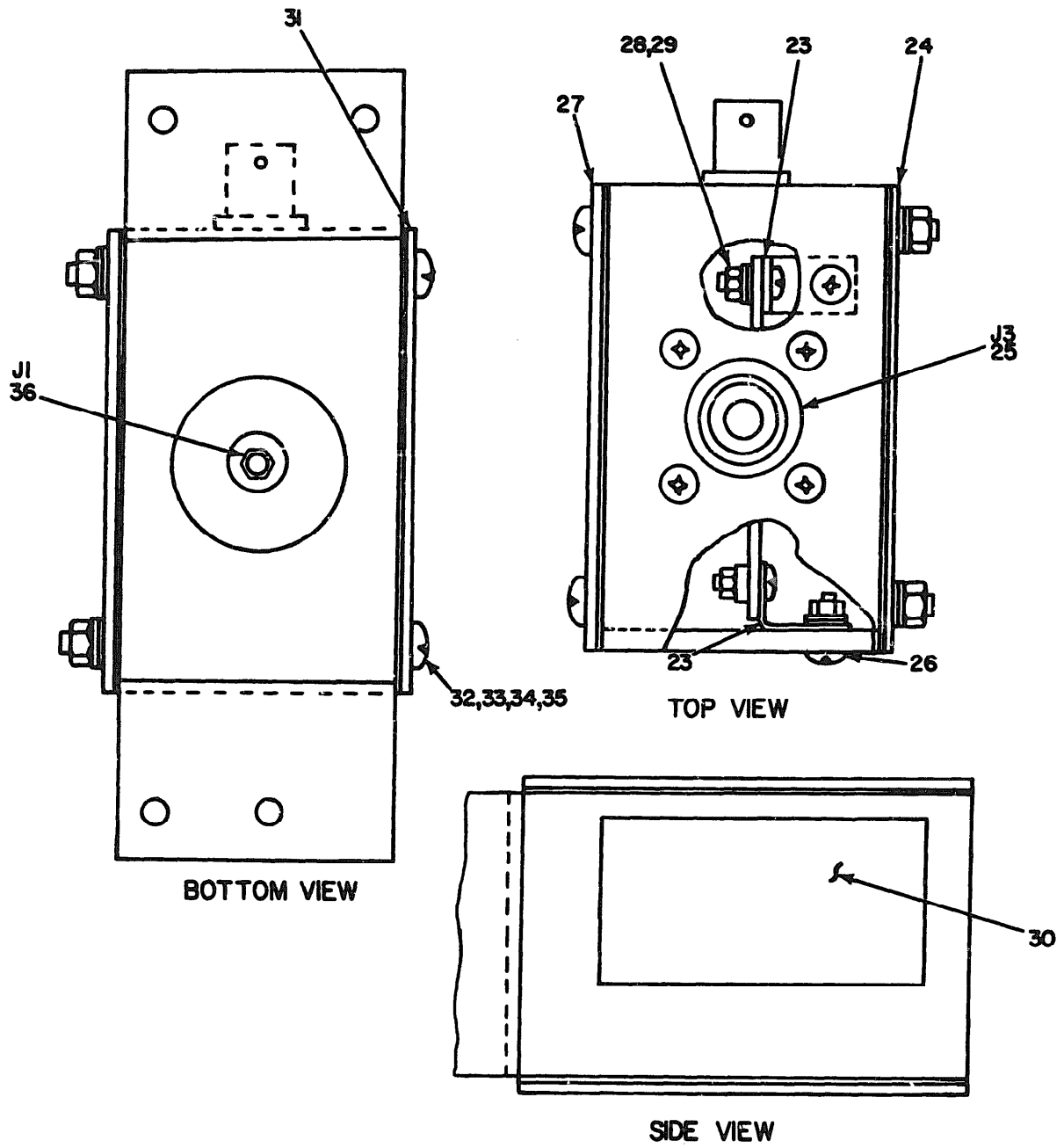
TM11-5840-352-24P

(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.							
GROUP 010104 CIRCUIT CARD ASSEMBLY A4								
21	1	PADZZ	5905-00-114-5438	RCR2JG510JS	81349	RESISTOR,FXD,CMPSN	SHI EA	1
21	2	XDDZZ		JAN2N5948	81349	TRANSISTOR	SHI EA	1
21	3	PADZZ	5905-00-136-8406	RCR07G242JS	81349	RESISTOR,FXD,CMPSN	SHI EA	1
21	4	PADZZ	5905-00-141-0744	RCR07G562JS	81349	RESISTOR,FXD,CMPSN	SHI EA	1
21	5	XDDZZ		SMASJ8236	80063	CONTACT-ELEC,PIN	SHI EA	1
21	6	PADZZ	5905-00-470-9482	RCR05G274JS	81349	RESISTOR,FXD,CMPSN	SHI EA	1
21	7	PADZZ	5910-00-164-2031	M39003-01-2961	81349	CAPACITOR,FXD	SHI EA	2
21	8	PADZZ	5910-00-022-5655	M39014/01-0237	81349	CAPACITOR,FXD	SHI EA	1
21	9	XDDZZ		SMC588341	80063	PRINTED WRG BOARD	SHI EA	1
21	10	PADZZ	5961-00-950-6577	JAN1N3826A	81349	SEMICONDUCTOR DIODE	SHI EA	1



EL36I029

Figure 22. Antenna Simulator SM-617/GSQ-160 (Sheet 1 of 2).



EL36IO30

Figure 22. Antenna Simulator SW-617/GSQ-160 (Sheet 2 of 2).

SECTION II

TM11-5840-352-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) F8CM	(6) DESCRIPTION	(7) USABLE ON CODE	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.						U/M	
GROUP 02 ANTENNA SIMULATOR SM-617-GSQ-160								
22	1	PADZZ	5935-00-835-0510	M39012/21-0001	81349	CONNECTOR	SHI EA	1
22	2	PADZZ	5905-00-925-1423	RN60C76R8F	81349	RESISTOR,FXD,FILM	SHI EA	1
22	3	XDDZZ		SMD588429-2	80063	CHASSIS	SHI EA	1
22	4	PADZZ	5905-00-925-1443	RN60C99R3F	81349	RESISTOR,FXD,FILM	SHI EA	2
22	5	PADZZ	5905-00-087-4544	RN60C71R5F	81349	RESISTOR,FXD,FILM	SHI EA	1
22	6	PADZZ	5905-00-813-9336	RN60C49R9F	81349	RESISTOR,FXD,FILM	SHI EA	2
22	7	PADZZ	5905-00-984-9308	RN60C1210F	81349	RESISTOR,FXD,FILM	SHI EA	1
22	8	XDDZZ		RN50C21R5F	81349	RESISTOR,FXD,FILM	SHI EA	1
22	9	FADZZ	5905-00-346-8879	RJ26CW201	81349	RESISTOR	SHI EA	2
22	10	PADZZ	5910-00-781-3239	PC50J110	81349	CAPACITOR	SHI EA	3
22	11	PADZZ	5310-00-933-8118	MS35338-135	96906	WASHER,LOCK	SHI EA	12
22	12	PADZZ	5305-00-054-5647	MS51957-13	96906	SCREW,PAN HEAD	SHI EA	4
22	13	PADZZ	5310-00-057-0573	NAS620C4	80205	WASHER,FLAT	SHI EA	12
22	14	PADZZ	5910-00-936-7372	CM05CD120J03	81349	CAPACITOR,FXD,MICA	SHI EA	1
22	15	XDDZZ		CM05ED360J03	81349	CAPACITOR,FXD,MICA	SHI EA	1
22	16	XDDZZ		SMA588354-2	80063	INDUCTOR	SHI EA	1
22	17	PADZZ	5920-00-913-1967	MS90537-7	96906	COIL,RF	SHI EA	1
22	18	XDDZZ		SMC588412	80063	INDUCTOR	SHI EA	1
22	19	XDDZZ		SMD568-433	80063	BRACKET	SHI EA	1
22	20	XDDZZ		SMC588540	80063	BOARD,CIRCUIT	SHI EA	1
22	21	PADZZ	5905-00-994-0403	MS90537-1	96906	INDUCTOR	SHI EA	1
22	22	PADZZ	5905-00-822-2452	RN60C1070F	81349	RESISTOR,FXD,FILM	SHI EA	1
22	23	XDDZZ		SMC588419	80063	ANGLE SUPPORT	SHI EA	2
22	24	XDDZZ		SMC588542	80063	COVER	SHI EA	1
22	25	PADZZ	5935-00-974-5418	M39012-04-0002	81349	CONNECTOR	SHI EA	1
22	26	PADZZ	5305-00-054-5648	MS51957-14	96906	SCREW,PAN HEAD	SHI EA	2
22	27	XDDZZ		SMD588421-1	80063	COVER	SHI EA	1
22	28	PADZZ	5305-00-054-5649	MS51957-15	96906	SCREW,PAN HEAD	SHI EA	6
22	29	PADZZ	5310-00-208-3786	NAS671C4	80205	NUT,HEXAGON	SHI EA	8
22	30	XDDZZ		SMC588534	80063	PLATE,IDENT	SHI EA	1
22	31	XDDZZ		SMC588317-2	80063	GASKET	SHI EA	2
22	32	PADZZ	5310-00-929-6395	MS35338-136	96906	WASHER,LOCK	SHI EA	4
22	33	XDDZZ		AN960C61	88044	WASHER,FLAT	SHI EA	4
22	34	PADZZ	5305-00-054-6662	MS51957-38	96906	SCREW,PAN HEAD	SHI EA	4
22	35	PADZZ	5310-00-616-8660	NAS671C6	80205	NUT,HEXAGON	SHI EA	4
22	36	XDDZZ		SMA588225	80063	CONNECTOR	SHI EA	1

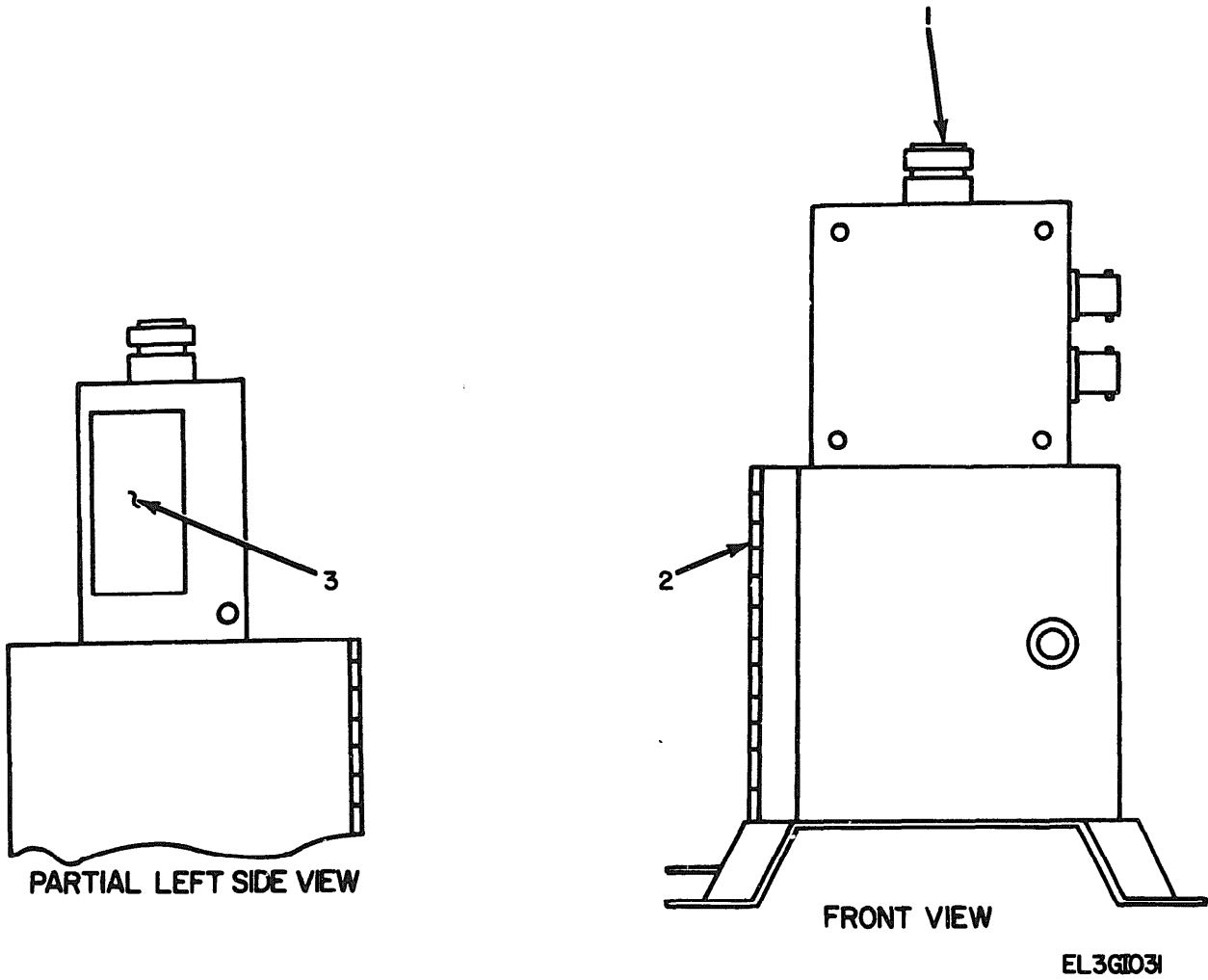
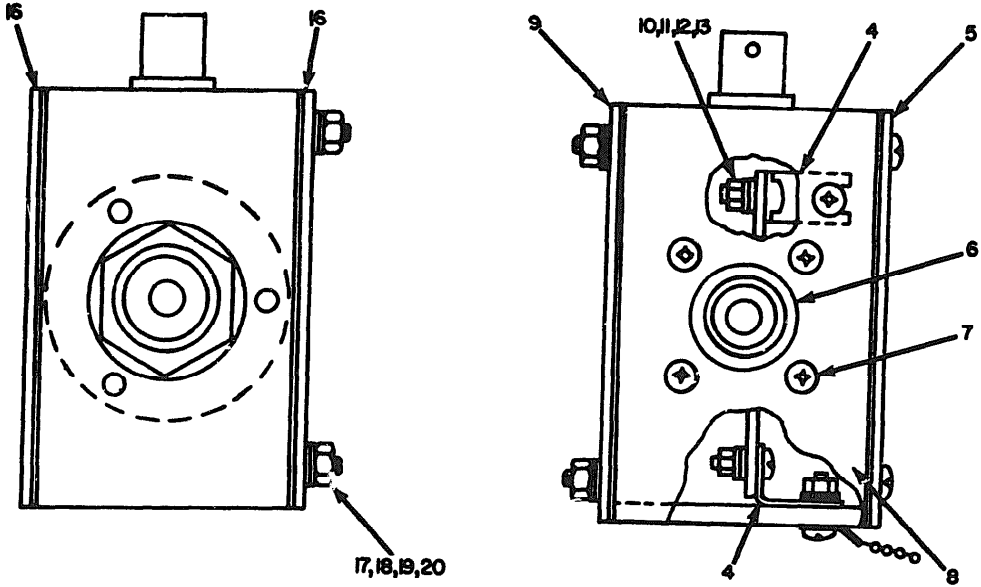
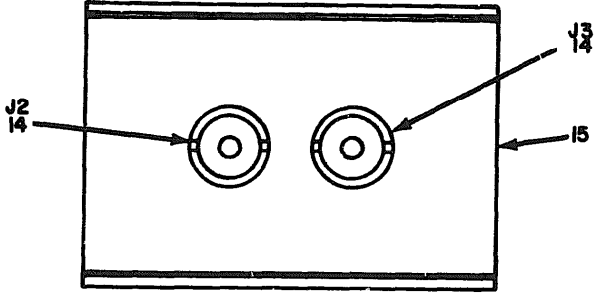


Figure 23. Antenna Simulator SM-616/GSQ460 (Sheet 1 of 3).



LEFT SIDE VIEW

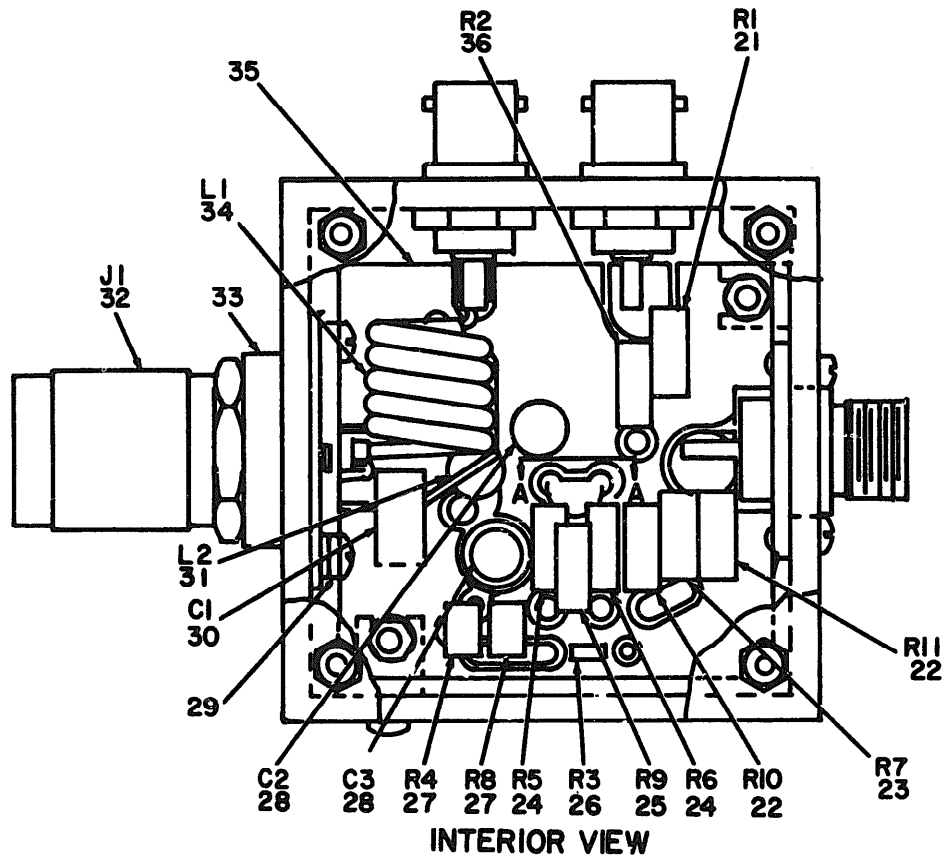
RIGHT SIDE VIEW



TOP VIEW

EL36032

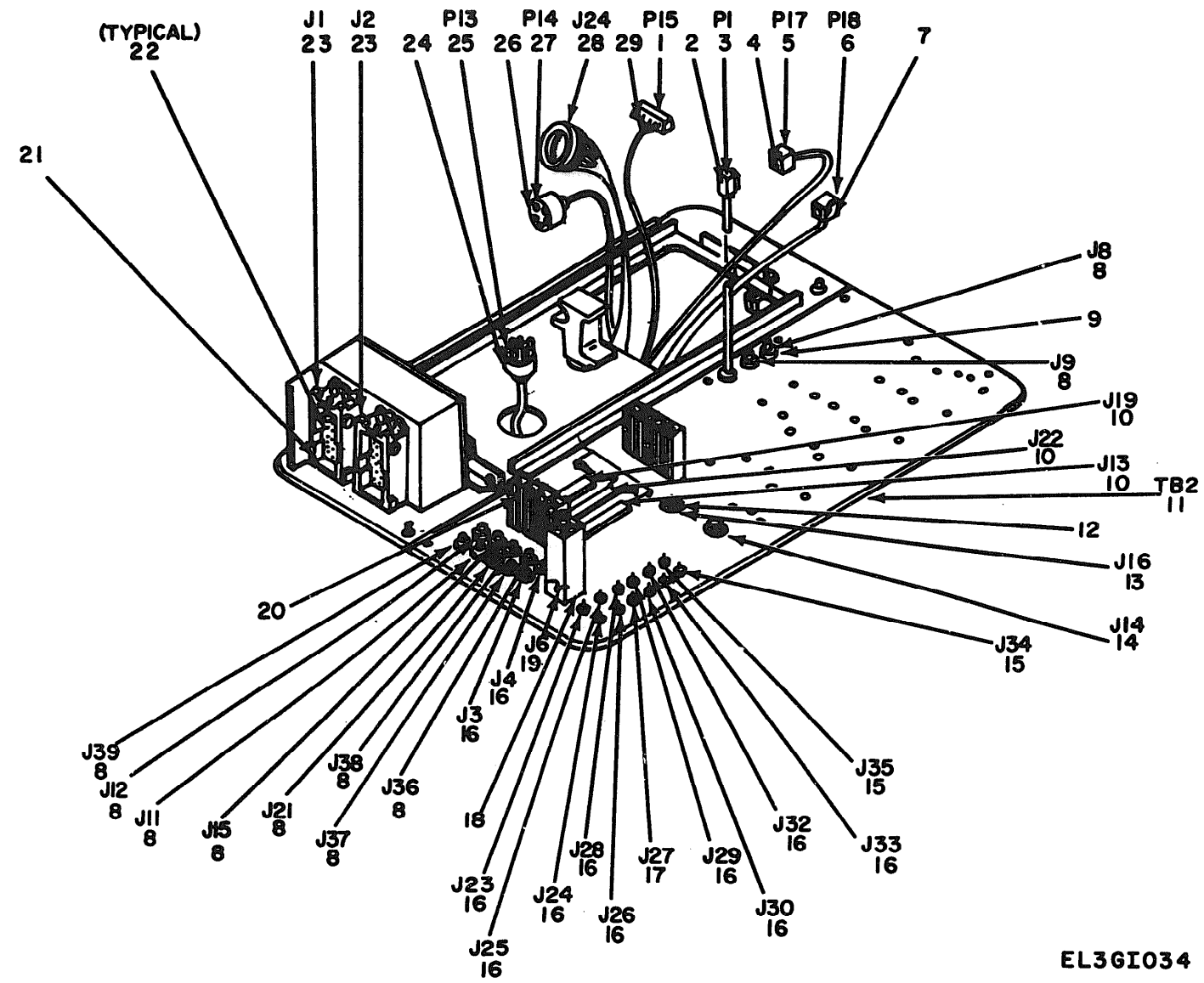
Figure 23. Antenna Simulator SM-616/GSQ-160 (Sheet 2 of 3).



EL36I033

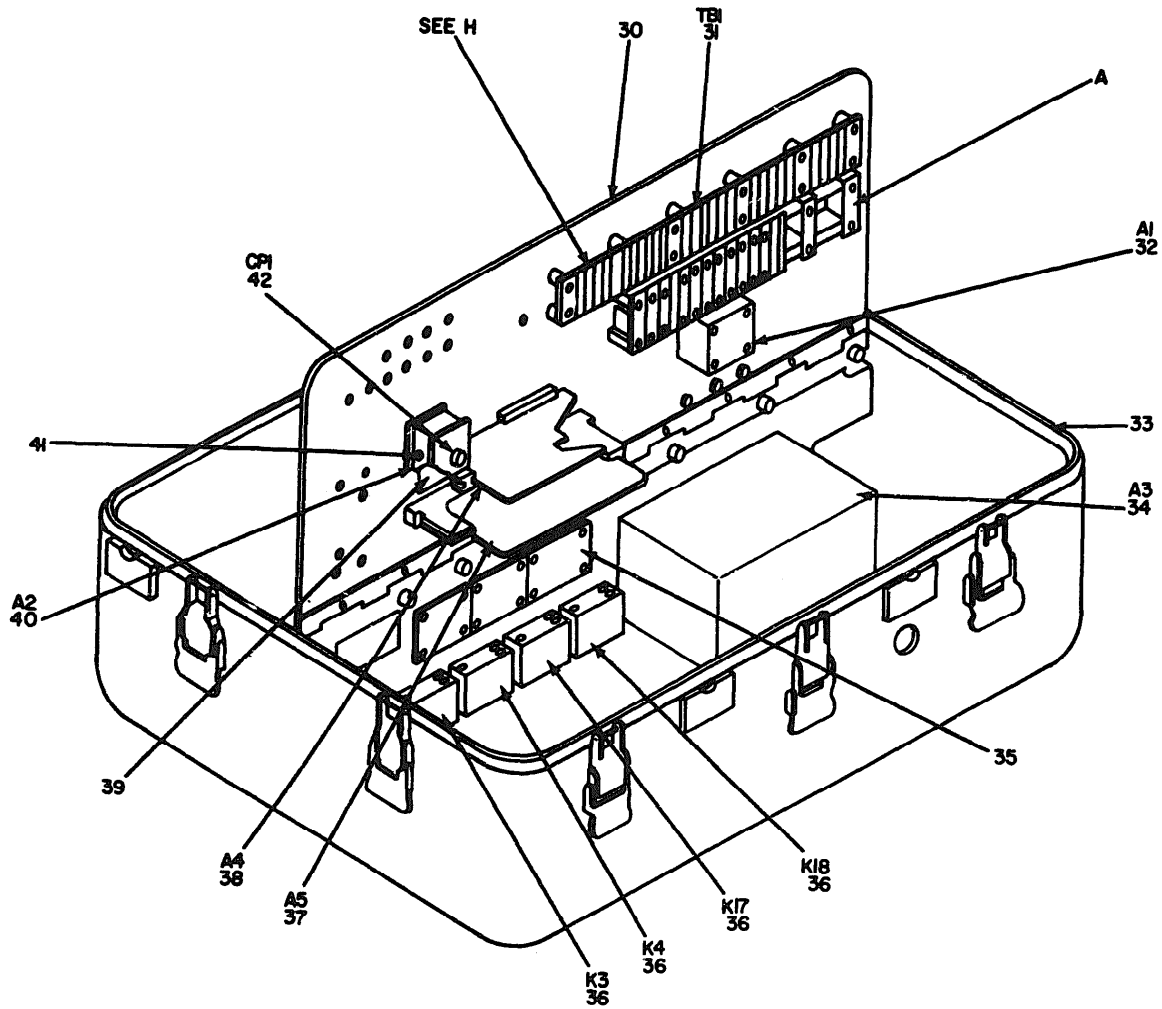
Figure 23. Antenna Simulator SM-616/GSQ-160 (Sheet 3 of 3).

(1) ILLUSTRATION		(2) SNR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FCBM	(6) DESCRIPTION	USABLE ON CODE		(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.									
GROUP 03 ANTENNA SIMULATOR SM-616/GSQ-160										
23	1	XDDZZ		SNB588697	80063	SIMULATOR, ANTENNA, SUBASSY	SHI	EA		1
23	2	XDDZZ		SNB588431	80063	ADAPTER, SIN, ANT	SHI	EA		1
23	3	XDDZZ		SMC588535	80063	PLATE, IDENT	SHI	EA		1
23	4	XDDZZ		SMC588419	80063	ANGLE, SUPPORT	SHI	EA		2
23	5	XDDZZ		SMC588542	80063	COVER	SHI	EA		1
23	6	PADZZ	5935-00-974-5418	H39012-04-0002	81349	CONNECTOR	SHI	EA		1
23	7	PADZZ	5305-00-054-5649	MS51957-15	96906	SCREW, PAN HEAD	SHI	EA		6
23	8	XDDZZ		SMC588506	80063	COVER, LIGHT SENSOR	SHI	EA		1
23	9	XDDZZ		SNB588421-1	80063	COVER	SHI	EA		1
23	10	PADZZ	5310-00-933-8118	MS35338-135	96906	WASHER, LOCK	SHI	EA		15
23	11	PADZZ	5305-00-054-5648	MS51957-14	96906	SCREW, PAN HEAD	SHI	EA		15
23	12	PADZZ	5310-00-057-0573	NAS620C4	80205	WASHER, FLAT	SHI	EA		15
23	13	PADZZ	5310-00-208-3766	NAS671C4	80205	NUT, HEXAGON	SHI	EA		15
23	14	PADZZ	5935-00-835-0510	H39012/21-0001	81349	CONNECTOR	SHI	EA		2
23	15	XDDZZ		SNB588429-1	80063	CHASSIS	SHI	EA		1
23	16	XDDZZ		SMC588317-2	80063	GASKET	SHI	EA		2
23	17	PADZZ	5310-00-929-6395	MS35338-136	96906	WASHER, LOCK	SHI	EA		4
23	18	PADZZ	5310-00-638-9857	AN960C6L	88044	WASHER, FLAT	SHI	EA		4
23	19	PADZZ	5305-00-054-6662	MS51957-38	96906	SCREW, PAN HEAD	SHI	EA		4
23	20	PADZZ	5310-00-616-8660	NAS671C6	80205	NUT, HEXAGON	SHI	EA		4
23	21	PADZZ	5905-00-925-1423	RN60C76R8F	81349	RESISTOR, FXD, FILM	SHI	EA		1
23	22	PADZZ	5905-00-925-1443	RN60C95A3F	81349	RESISTOR, FXD, FILM	SHI	EA		2
23	23	PADZZ	5905-00-087-4544	RN60C71R5F	81349	RESISTOR, FXD, FILM	SHI	EA		1
23	24	PADZZ	5905-00-813-9336	RN60C49R9F	81349	RESISTOR, FXD, FILM	SHI	EA		2
23	25	PADZZ	5950-00-984-9308	RN60C1210F	81349	RESISTOR, FXD, FILM	SHI	EA		1
23	26	XDDZZ		RN50C21R5F	81349	RESISTOR, FXD, FILM	SHI	EA		1
23	27	PADZZ	5905-00-346-8879	RJ26CW201	81349	RESISTOR	SHI	EA		2
23	28	PADZZ	5910-00-781-3239	PC50J110	81349	CAPACITOR	SHI	EA		2
23	29	PADZZ	5305-00-054-5647	MS51957-13	96906	SCREW, PAN HEAD	SHI	EA		7
23	30	PADZZ	5910-00-176-7322	CM05E0270J03	81349	CAPACITOR, FXD, MICA	SHI	EA		1
23	31	XDDZZ		SNB588354-1	80063	COIL	SHI	EA		1
23	32	XDDZZ		SNB588356	80063	CONNECTOR	SHI	EA		1
23	33	XDDZZ		SMC588418	80063	INSULATOR	SHI	EA		1
23	34	XDDZZ		SMC588439	80063	INDUCTOR	SHI	EA		1
23	35	XDDZZ		SMC588411	80063	BOARD, CIRCUIT	SHI	EA		1
23	36	PADZZ	5905-00-822-2452	RN60C1070F	81349	RESISTOR, FXD, FILM	SHI	EA		1



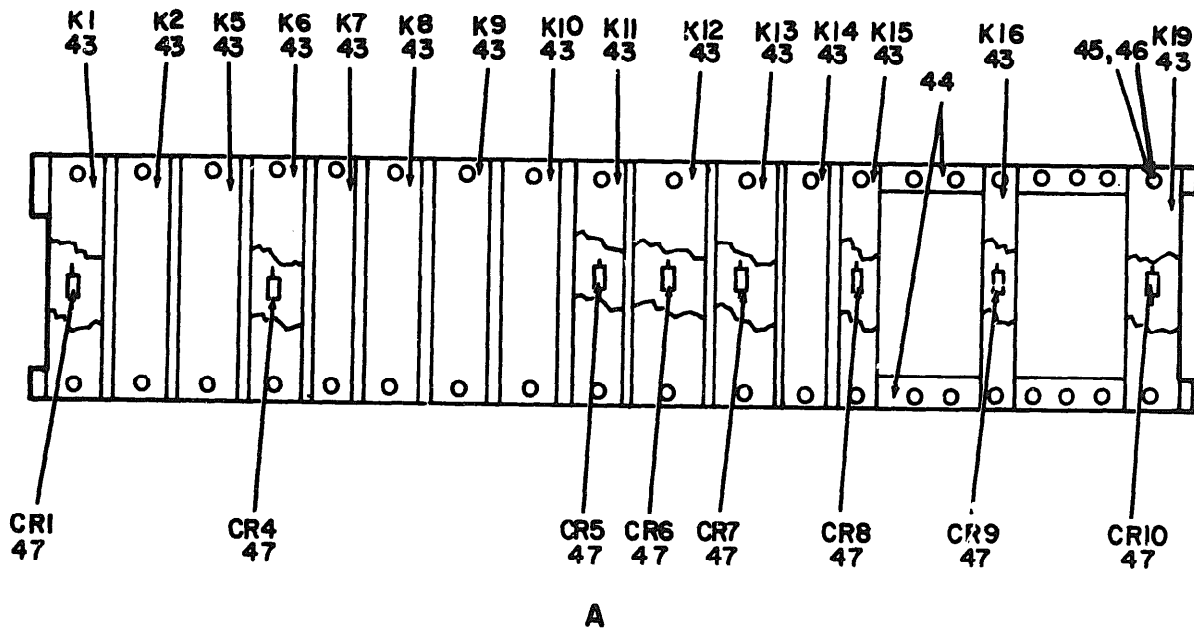
EL36I034

Figure 24. Electronic Circuit Plug-In Interface Unit MX-8924/GSQ-160 (Sheet 1 of 4).



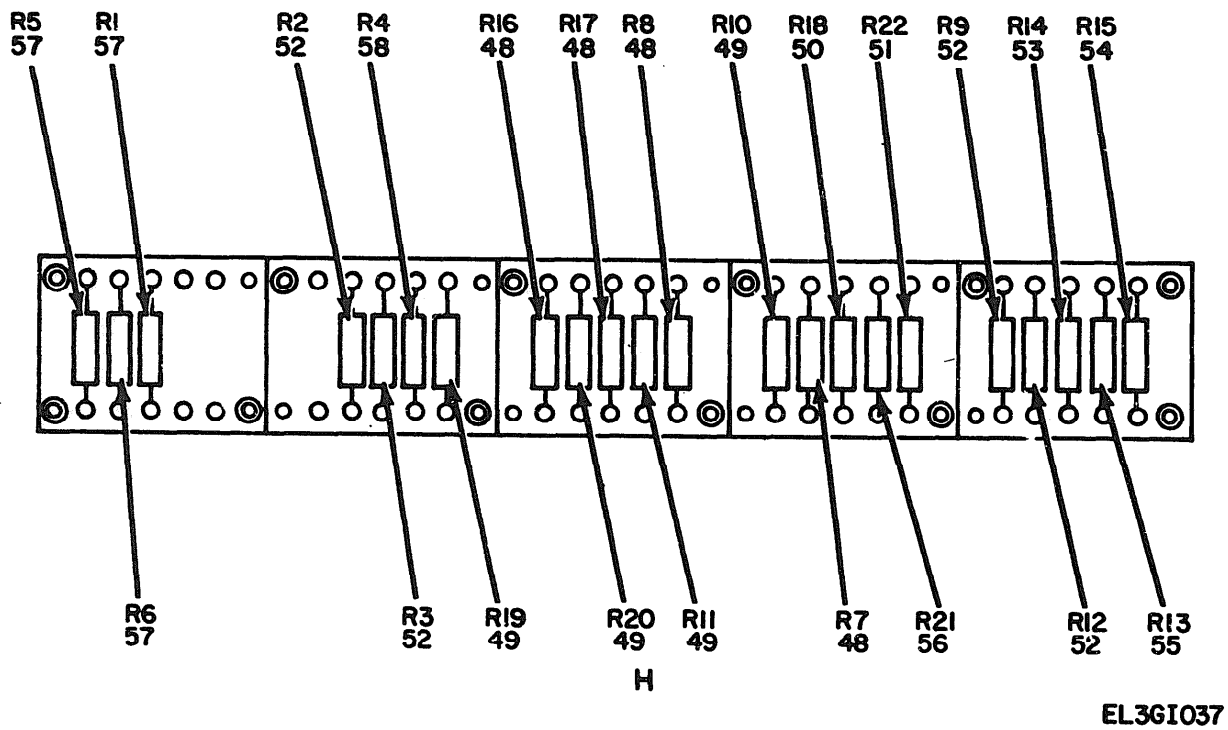
EL3GI035

Electronic Circuit Plug-In Interface Unit MX-8924/GSQ-160 (Sheet 2 of 4).



EL3GI036

Figure 24. Electronic Circuit Plug-In Interface Unit MX-8924/GSQ-160 (Sheet 3 of 4).



Electronic Circuit Plug-In Interface Unit MX-8924/GSQ-160 (Sheet 4 of 4).

SECTION II

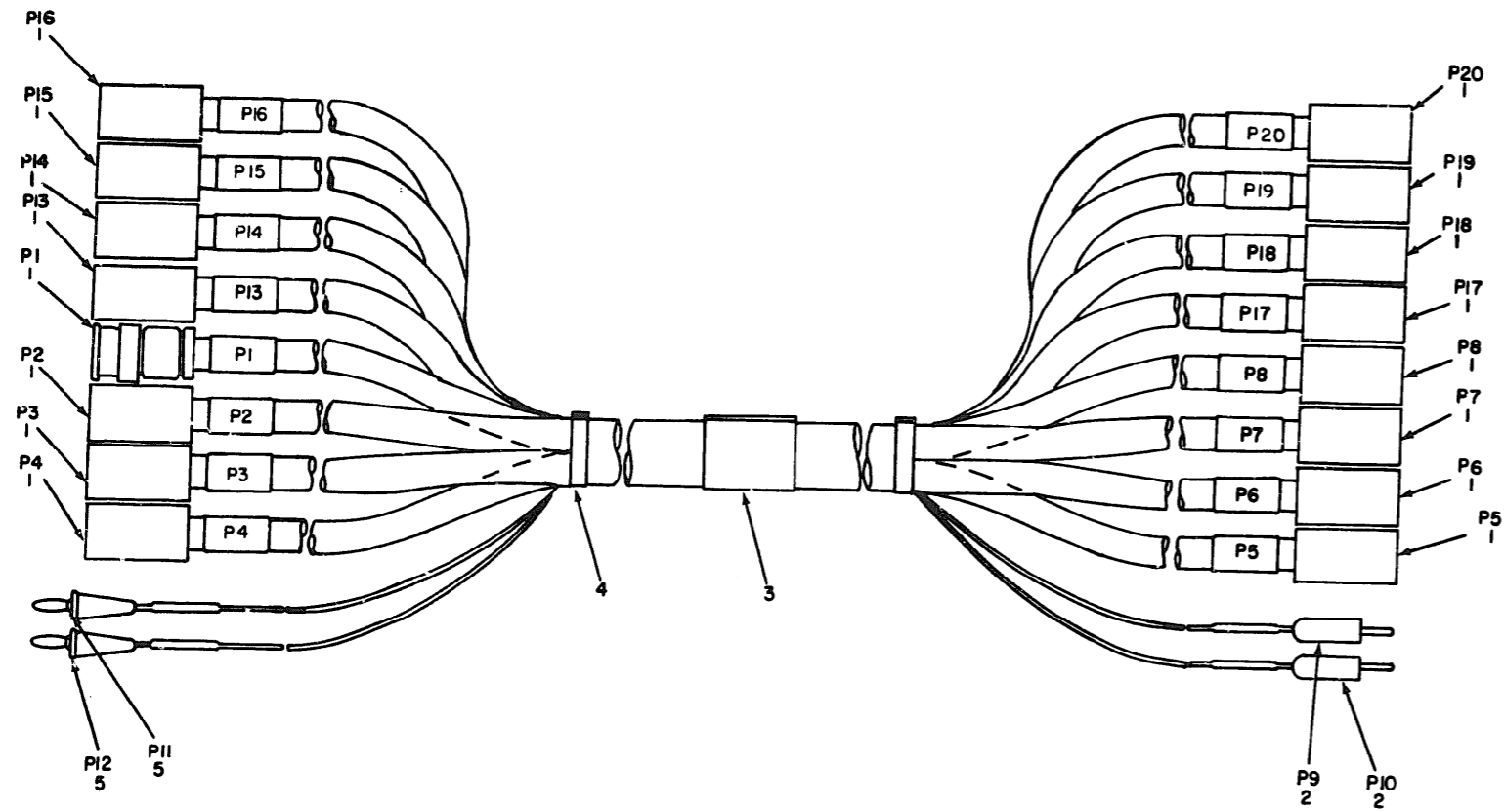
TM11-5840-352-24P

(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	QTY INC IN UNIT
GROUP 04 ELECTRONIC CIRCUIT PLUG-IN								
INTERFACE UNIT MX-8924/GSQ-160								
24	1	PADZZ	5935-00-351-6135	M24308-1-3	81349	CONNECTOR	SHI EA	1
24	2	XDDZZ		SMA588502-003	80063	SHIELD,ELEC,CONN	SHI EA	1
24	3	PADZZ	5935-00-439-3748	M24308-3-3	81349	CONNECTOR	SHI EA	1
24	4	XDDZZ	5940-00-534-0991	MS35436-6	96906	TERMINAL,LUG	SHI EA	1
24	5	XDDZZ		SMA588526	80063	CONNECTOR	SHI EA	1
24	6	XDDZZ		SMA588225	80063	CONNECTOR,RCPT,ELEC	SHI EA	1
24	7	PADZZ	5940-00-050-2308	MS35431-3	96906	TERMINAL,LUG	SHI EA	2
24	8	PADZZ	5935-00-835-0510	M39012/21-0003	81349	CONNECTOR	SHI EA	10
24	9	XDDZZ		MS35456-9	96906	TERMINAL,LUG	SHI EA	10
24	10	XDDZZ		M55302/2-04	81349	CONNECTOR	SHI EA	3
24	11	XDDZZ		SMA588467	80063	PRINTED WIRING BD	SHI EA	1
24	12	XDDZZ		M553431-7	96906	GROMMET	SHI EA	1
24	13	XDDZZ		SMA588236	80063	CONTACT,ELECTRICAL	SHI EA	1
24	14	PADZZ	5325-00-185-0012	MS35489-35	96906	GROMMET	SHI EA	1
24	15	XDDZZ		SMA588452	80063	POST,ELECTRICAL	SHI EA	4
24	16	XDDZZ		M39024/10-02	81349	CONNECTOR	SHI EA	12
24	17	XDDZZ		M39024/10-03	81349	CONNECTOR	SHI EA	1
24	18	XDDZZ		SMA588493	80063	STAND,ANTENNA	SHI EA	1
24	19	XDDZZ		M39012/4-0002	81349	CONNECTOR	SHI EA	1
24	20	XDDZZ		SMA588480	80063	CIRCUIT CARD GUIDE	SHI EA	12
24	21	XDDZZ		SMA588364	80063	SHIELD,ELECTRICAL	SHI EA	2
24	22	XDDZZ		SMA588366	80063	CONTACT,ELECTRICAL	SHI EA	328
24	23	XDDZZ		SMA588363	80063	CONNECTOR,RCPT	SHI EA	2
24	24	XDDZZ		SMA588508	80063	COVER,CONNECTOR	SHI EA	1
24	25	XDDZZ		SMA588386	80063	CONNECTOR,RCPT	SHI EA	1
24	26	XDDZZ		SMA588509	80063	COVER,CONNECTOR	SHI EA	1
24	27	XDDZZ		SMA588358	80063	CONNECTOR,RCPT,ELEC	SHI EA	1
24	28	XDDZZ		TA383	12143	CONNECTOR	SHI EA	1
24	29	XDDZZ		SMA588502-002	80063	SHIELD,ELEC,CONN	SHI EA	1
24	30	XDDZZ		SMA588482	80063	TEST PANEL,COVER	SHI EA	1
24	31	XDDZZ		SMA588359	80063	TERMINAL BOARD	SHI EA	1
24	32	XDDZZ		SMA588361	80063	AMPLIFIER	SHI EA	1
24	33	XDDZZ		SMA588501	80063	CASE,INTERFACE UNIT	SHI EA	1
24	34	XDDZZ		SMA588360	80063	FILTER,BAND PASS	SHI EA	1
24	35	XDDZZ		SMA588510	80063	TERMINAL BOARD	SHI EA	1
24	36	XDDZZ		SMA588294	80063	RELAY,COAXIAL	SHI EA	4
24	37	XDDZZ		SMA588465	80063	CIRCUIT CARD ASSY	SHI EA	1
24	38	XDDZZ		SMA588218	80063	CIRCUIT CARD ASSY	SHI EA	1

SECTION II

TML1-5840-352-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO.	(b) ITEM NO.					USABLE ON CODE		
24	39	PADZZ	5365-00-632-3103	NAS43DD0-32	80205	SPACER	SHI EA	4
24	40	XDDZZ		SNAS88406	80063	DETECTOR, RF BRIDGE	SHI EA	1
24	41	XDDZZ		SNAS88407	80063	TERMIN, IMPD MTCN	SHI EA	1
24	42	XDDZZ		UG-201AU	81349	ADAPTER, CONN, COAX	SHI EA	1
24	43	XDDZZ		M5757/10-011	81349	RELAY	SHI EA	15
24	44	XDDZZ		SNCS88463	80063	PLATE, RELAY MTG	SHI EA	2
24	45	PADZZ	5305-00-763-6956	MS51959-22	96906	SCREW	SHI EA	14
24	46	PADZZ	5365-00-542-0905	NAS43DD0-48	80205	SPACER	SHI EA	10
24	47	PADZZ	5961-00-938-1135	JAN1N4148	81349	DIODE	SHI EA	10
24	48	PADZZ	5905-00-135-6045	RCR07G330JS	81349	RESISTOR, FXD, CMPSN	SHI EA	4
24	49	PADZZ	5905-00-153-4592	RNC60H316UFR	81349	RESISTOR, FXD, FILM	SHI EA	4
24	50	PADZZ	5905-00-106-1356	RCR07G152JS	81349	RESISTOR, FXD, CMPSN	SHI EA	1
24	51	PADZZ	5905-00-111-1678	RCR07G564JS	81349	RESISTOR, FXD, CMPSN	SHI EA	1
24	52	PADZZ	5905-00-421-0623	RCR20G120JS	81349	RESISTOR, FXD, CMPSN	SHI EA	4
24	53	PADZZ	5905-00-141-1183	RCR07G101JS	81349	RESISTOR, FXD, CMPSN	SHI EA	1
24	54	PADZZ	5905-00-107-0656	RCR07G100JS	81349	RESISTOR, FXD, CMPSN	SHI EA	1
24	55	PADZZ	5905-00-121-9932	RCR07G391JS	81349	RESISTOR, FXD, CMPSN	SHI EA	1
24	56	PADZZ	5905-00-686-3356	RCR07G823J	81349	RESISTOR, FXD, CMPSN	SHI EA	1
24	57	PADZZ	5905-00-454-2868	RCR20G3R3JS	81349	RESISTOR, FXD, CMPSN	SHI EA	3
24	58	PADZZ	5905-00-116-8566	RCR20G680JS	81349	RESISTOR, FXD, CMPSN	SHI EA	1



EL361038

Figure 25. Cable Assembly CX-12593/GSQ-160.

SECTION II

TM11-5840-352-24P

(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	QTY INC IN UNIT
GROUP 05 CABLE ASSEMBLY CX-12593/GSQ-160								
25	1	PADZZ	5935-00-835-0508	M39012-16-0001	#1349	CONNECTOR, BNC MALE	5HI EA	16
25	2	XDDZZ		SMAS86391	80063	PLUG, TIP	5HI EA	2
25	3	XDDZZ		MS17822-2-9A	96906	STRAP, CA, IDENT, ADJ	5HI EA	1
25	4	PADZZ	5975-00-497-2158	MS17321-1-9	96906	STRAP, CABLE, ADJ	5HI EA	2
25	5	XDDZZ		SMAS88239-1	80063	CONNECTOR, PLUG, ELEC	5HI EA	2

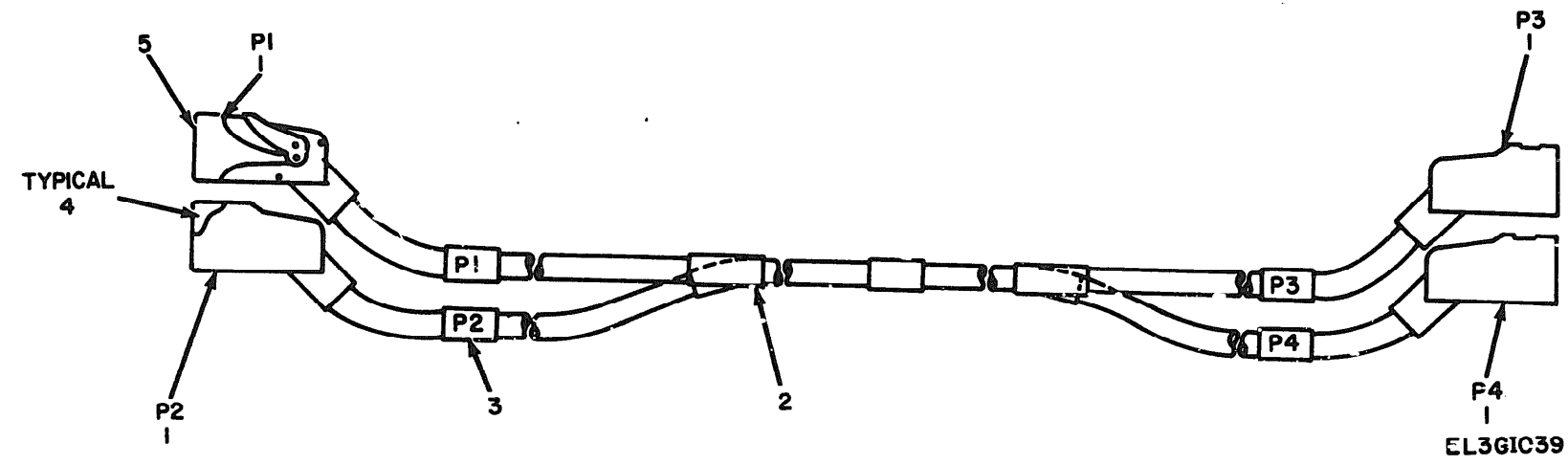


Figure 26. Cable Assembly CX-12591/GSQ-160.

SECTION II

TM11-5840-352-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SNR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
26	1	XDOZZ		SMC588362-1	80063	CONNECTOR, PLUG	SHI EA	4
26	2	XDOZZ		SMAS88491	80063	WYE, ELECTRICAL	SHI EA	2
26	3	XDOZZ		MS17822-1-9A	96906	STRAP, CABLE	SHI EA	4
26	4	XDOZZ		SMAS88367	80063	CONTACT, ELEC	SHI EA	122
26	5	XDOZZ		SMC588365	80063	SHIELD, ELECTRICAL	SHI EA	4

GROUP 06 CABLE ASSEMBLY CX-12591/GSQ-160

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM11-5840-352-24P

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.
5910-00-007-7471	9	4	5905-00-114-5438	21	1
5910-00-010-8718	8	4	5905-00-115-3560	9	36
5910-00-022-5655	11	5	5905-00-115-3562	9	44
5910-00-022-5655	19	6	5905-00-115-3562	10	33
5910-00-022-5655	20	3	5903-00-115-8055	10	44
5910-00-022-5655	21	8	5905-00-115-8055	11	39
5910-00-022-5659	8	3	5840-00-116-6015	1	7
5910-00-022-5659	9	1	5905-00-116-8554	9	15
5940-00-050-2308	24	7	5905-00-116-8554	10	34
5305-00-054-5637	8	43	5905-00-116-8554	11	29
5305-00-054-5637	12	3	5905-00-116-8556	10	28
5305-00-051-5647	23	29	5905-00-116-8556	11	14
5305-00-054-5648	3	8	5905-00-116-8566	24	58
5305-00-054-5648	4	6	5910-00-116-8653	10	3
5305-00-054-5648	12	6	5905-00-118-4559	10	23
5305-00-054-5448	13	9	5905-00-118-4559	11	36
5305-00-054-5648	22	26	5905-00-118-4560	10	30
5305-00-054-5648	23	11	5905-00-119-3503	8	5
5305-00-054-5649	16	16	5905-00-119-3504	10	40
5305-00-054-5649	18	7	5905-00-119-3504	11	32
5305-00-054-5649	22	28	5905-00-119-3505	10	32
5305-00-054-5649	23	7	5905-00-119-3505	11	37
5305-00-054-5650	4	3	5905-00-119-8811	8	8
5305-00-054-6652	2	4	5905-00-119-8811	10	43
5305-00-054-6652	3	4	5905-00-119-8812	9	28
5305-00-054-6654	18	16	5905-00-120-9154	8	6
5305-00-054-6662	22	34	5905-00-120-9154	9	33
5305-00-054-6662	23	19	5905-00-121-9919	9	13
5310-00-057-0573	22	13	5905-00-121-9928	11	31
5310-00-057-0573	23	12	5910-00-124-5084	10	2
5905-00-087-4544	22	5	5905-00-126-6677	9	22
5905-00-087-4544	23	23	5905-00-126-6677	11	28
5910-00-103-7748	9	2	5903-00-127-9399	9	40
5910-00-103-7748	11	4	5945-00-131-1255	8	9
5905-00-104-8357	11	25	5905-00-131-1255	9	35
5905-00-104-8336	11	15	5905-00-131-1255	10	35
5905-00-104-8363	9	37	5905-00-131-1255	11	13
5905-00-104-8371	11	24	5905-00-135-6045	24	48
5905-00-105-7764	11	34	5905-00-136-8406	21	3
5905-00-105-7765	9	30	5905-00-141-0717	9	41
5905-00-105-7765	10	24	5904-00-141-0717	10	42
5905-00-105-7765	11	19	5905-00-141-0717	11	16
5905-00-105-7767	9	23	5905-00-141-0743	8	27
5905-00-105-7767	11	22	5905-00-141-0743	9	14
5905-00-105-7768	10	31	5905-00-141-0743	11	30
5905-00-106-1278	9	46	5905-00-141-0744	10	36
5950-00-106-1356	8	28	5905-00-141-0744	21	4
5905-00-106-1356	11	27	5905-00-141-1183	8	1
5905-00-106-1356	24	50	5950-00-141-1183	9	18
5905-00-106-1357	10	38	5905-00-141-1183	24	53
5905-00-106-3666	9	25	5905-00-153-4592	24	49
5903-00-106-3666	10	26	5355-00-168-3125	5	4
5905-00-106-3666	11	23	5995-00-168-3779	3	2
5905-00-106-3666	19	2	5935-00-168-4436	2	1
5905-00-106-9356	10	45	5935-00-168-4437	13	2
5905-00-107-0656	24	54	5930-00-168-4439	5	2
5905-00-110-0388	9	29	5930-00-168-4440	13	6
5905-00-110-0388	10	25	5930-00-168-4441	3	1
5905-00-110-0388	11	17	5930-00-168-4442	2	2
5955-00-110-3620	9	27	5820-00-168-7407	6	1
5905-00-110-7620	10	20	5840-00-168-7408	6	2
5905-00-110-7620	11	20	5840-00-168-7409	6	5
5905-00-110-7622	9	45	5840-00-168-7410	1	4
5905-00-110-7622	10	27	5840-00-168-7411	2	5
5905-00-110-7622	11	40	5840-00-168-7412	4	10
5905-00-111-1678	24	51	5840-00-168-7413	4	1
5905-00-111-4727	9	42	5840-00-168-7414	4	2
5905-00-111-4727	10	37	5840-00-168-7415	4	12
5910-00-113-5459	11	6	5970-00-168-7462	1	6
5910-00-113-5470	8	7	5985-00-168-7468	3	11
5905-00-114-0710	9	43	5985-00-168-7469	1	2
5905-00-114-0711	8	31	5340-00-168-7470	1	3
5905-00-114-0711	10	41	5961-00-168-7471	6	4
5905-00-114-0711	11	33	5840-00-168-7718	1	1
5905-00-114-5339	11	18	5995-00-169-6050	14	6
5905-00-114-5343	9	32	5325-00-174-5317	8	37
5905-00-114-5343	11	26	5910-00-176-7322	23	30
5905-00-114-5344	9	34	3120-00-182-8496	6	3
5905-00-114-5344	10	29	5325-00-185-0012	24	14
5905-00-114-5344	11	42	5995-00-187-3749	14	3

SECTION IV

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STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5910-00-199-5335	8	2	5935-00-835-0510	22	1
5310-00-208-3786	22	29	5935-00-835-0510	23	14
5310-00-208-3786	23	13	5910-00-847-7288	9	5
5961-00-226-8579	9	9	5920-00-875-4100	16	12
5910-00-236-8740	9	3	5930-892-9026	5	3
5905-00-244-6934	9	19	5961-00-913-1747	9	10
5905-00-244-6934	10	39	5950-00-913-1967	12	12
5905-00-252-1671	9	20	5950-00-913-1967	22	17
5905-00-369-6932	11	38	5950-00-921-3417	10	13
5905-00-400-4528	11	21	5950-00-921-3419	10	15
6625-00-415-6346	14	8	5905-00-925-1423	22	2
6625-00-415-6347	14	7	5905-00-925-1423	23	21
6625-00-415-6359	14	4	5905-00-925-1443	22	4
665-00-415-6360	14	1	5905-00-925-1443	23	22
5905-00-421-0623	24	52	5961-00-926-0237	8	29
5905-00-429-9585	11	35	5961-00-926-0237	10	19
5905-00-435-6374	11	41	5950-00-926-3127	10	14
5905-00-470-0029	9	39	6210-00-927-7461	17	2
5905-00-470-9482	21	6	5310-00-928-2690	4	7
5935-00-478-7510	9	8	5310-00-928-2690	12	1
5935-00-478-7510	11	9	5950-00-931-0462	8	12
5935-00-478-7511	13	1	5310-00-933-8118	4	4
5895-00-486-8015	7	2	5310-00-933-8118	8	42
5910-00-487-8424	8	10	5310-00-933-8118	12	5
5910-00-498-5584	10	8	5310-00-933-8113	13	8
5940-00-534-0991	24	4	5310-00-934-9748	3	12
5310-00-595-6211	4	5	5310-00-934-9748	13	4
5310-00-595-6211	8	41	5310-00-934-9748	16	3
5310-00-595-6211	13	5	5310-00-934-9748	18	14
5310-00-595-6211	16	14	5910-00-936-7372	22	14
5310-00-595-6211	18	12	5961-00-938-1135	9	6
5310-00-616-8660	22	35	5961-00-938-1135	11	8
5310-00-616-8660	23	20	5310-00-938-2013	12	2
5310-00-638-9857	23	18	5930-00-943-4957	16	11
5310-00-722-5998	2	3	5961-00-950-6577	21	10
5310-00-722-5998	3	5	5961-00-951-8757	9	11
5310-00-722-5998	13	7	5961-00-951-8757	10	18
5310-00-722-5998	19	22	5961-00-951-8757	11	10
5310-00-764-6596	4	9	5961-00-951-8757	20	6
5305-00-773-2697	5	1	5961-00-965-6271	10	12
5910-00-781-3239	22	10	5905-00-984-9308	22	7
5910-00-781-3239	23	28	5905-00-984-9308	23	25
5905-00-813-9336	22	6	5950-00-994-0403	12	7
5905-00-813-9336	23	24	5950-00-994-0403	22	21
5905-00-822-2452	22	22	5905-00-016-8280	9	21
5905-00-822-2452	23	36			

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AN960C6L	88044	23	18	JAN2N2222A	81349	11	10
AN960C61	88044	22	33	JAN2N2222A	81349	20	6
AS2542G5Q160	80058	1	7	JAN2N2369	81349	8	29
CC50SH080F	81349	12	8	JAN2N2369A	81349	10	19
CK068X103K	81349	9	5				
CK068X105K	81349	9	2	JAN2N2907	81349	9	10
CK068X105K	81349	11	4	JAN2N5948	81349	21	2
CK068X334K	81349	10	2	JAN2N930	81349	9	9
CK068X394K	81349	11	6				
CM05CD120J03	81349	22	14	KY-678/GSQ	80058	7	2
CM05E0270J03	81349	23	30	MS14795-803	96906	4	8
CM05ED360J03	81349	22	15	MS15795-803	96906	3	7
CM05FD391J03	81349	8	10	MS15795-803	96906	4	5
CV31A080	81349	10	8	MS15795-803	96906	8	41
CX-12591/GSQ-160	80063	10	8	MS15795-803	96906	13	5
CX-12593/GSQ-160	80063	14	7	MS15795-803	96906	16	14
				MS15795-803	96906	18	12
C55302/1-C4	81349	10	17	MS15795-805	96906	2	3
FHW26G2	81349	16	12	MS15795-805	96906	3	5
				MS15795-805	96906	13	7
				MS15795-805	96906	18	22
				MS15795-807	96906	18	9
JAN1N3595	81349	10	12	MS17321-1-9	96906	25	4
JAN1N3826A	81349	21	10	MS17822-1-9A	96906	26	3
JAN1N4148	81349	8	6	MS17822-2-9A	96906	25	3
JAN1N4148	81349	11	8	MS18064-5	96906	5	1
JAN1N4148	81349	24	47	MS24308-1-2	96906	18	4
JAN2N2222A	81349	9	11				
JAN2N2222A	81349	10	18	MS35338-134	96906	4	7

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
MS35338-134	96906	1	2	M39014-02-0218	81349	1	0
MS35338-135	96906	4	4	M39014/01-0215	81349	8	7
MS35338-135	96906	8	42	M39014/01-0223	81349	8	2
MS35338-135	96906	1	2	M39014/01-0237	81349	11	5
MS35338-135	96906	13	8	M39014/01-0237	81349	19	6
MS35338-135	96906	16	15	M39014/01-0237	81349	20	3
MS35338-135	96906	18	13	M39014/01-0237	81349	2	1
MS35338-135	96906	2	2	M39014/02-0218	81349	8	4
MS35338-135	96906	2	3	M39014/02-0230	81349	8	3
MS35338-136	96906	18	23	M39014/02-0230	81349	9	1
MS35338-136	96906	2	2	M39024/10-02	81349	2	4
MS35338-136	96906	2	3	M39024/10-03	81349	2	4
MS35338-137	96906	1	8	M55302/1-04	81349	9	8
MS35431-3	96906	2	4	M55302/1-04	81349	11	9
MS35436-6	96906	2	4	M55302/2-04	81349	1	3
MS35456-9	96906	2	4	M55302/2-04	81349	2	4
MS35489-35	96906	2	4	M5757/10-011	81349	2	4
MS35489-4	96906	8	37	NAS1068C04L	80205	4	9
MS35649-224	96906	1	2	NAS43DD0-48	80205	2	4
MS35649-244	96906	3	12				
MS35649-244	96906	13	4	NAS5620C4	80205	1	2
MS35649-244	96906	16	3	NAS620C4	80205	2	2
MS35649-244	96906	18	14	NAS620C4	80205	2	3
MS35649-284	96906	1	8	NAS62002	80205	1	2
MS51957-13	96906	2	2	NAS71C4	80205	2	2
MS51957-13	96906	2	3	NAS671C4	80205	2	3
MS51957-14	96906	3	8	NAS671C6	80205	2	2
MS51957-14	96906	4	6	NAS671C6	80205	2	3
MS51957-14	96906	12	6				
MS51957-14	96906	13	9	PC50J110	81349	2	2
MS51957-14	96906	22	26	PC50J110	81349	2	3
MS51957-14	96906	2	3	RCR05G274JS	81349	2	1
MS51957-15	96906	16	16	RCR07G100JS	80063	9	38
MS51957-15	96906	18	7	RCR07G100JS	81349	2	4
MS51957-15	96906	2	2	RCR07G101JS	81349	8	1
MS51957-15	96906	2	3	RCR07G101JS	81349	9	18
MS51957-16	96906	4	3	RCR07G101JS	81349	2	4
MS51957-28	96906	2	4	RCR07G102JS	81349	9	27
MS51957-28	96906	3	4	RCR07G102JS	81349	10	20
MS51957-3	96906	8	43	RCR07G102JS	81349	1	1
MS51957-3	96906	1	2	RCR07G103JS	81349	9	25
MS51957-30	96906	18	16	RCR07G103JS	81349	10	26
MS51957-38	96906	22	34	RCR07G103JS	81349	1	1
MS51957-38	96906	2	3	RCR07G103JS	81349	1	1
MS51957-38	96906	2	3	RCR07G103JS	81349	1	1
MS51957-45	96906	18	19	RCR07G104JS	81349	1	9
MS53431-7	96906	2	4	RCR07G104JS	81349	1	0
				RCR07G104JS	81349	1	1
				RCR07G105JS	81349	9	15
MS75028-22	96906	1	6	RCR07G105JS	81349	1	0
				RCR07G105JS	81349	1	1
MS90308-9	96906	17	2	RCR07G105JS	81349	1	1
MS90537-1	96906	12	7	RCR07G106JS	81349	9	13
MS90537-1	96906	2	2	RCR07G113JS	81349	1	1
MS90537-21	96906	8	12	RCR07G121JS	81349	9	28
MS90537-31	96906	1	0	RCR07G122JS	81349	8	9
MS90537-35	96906	1	0	RCR07G122JS	81349	9	35
MS90537-45	96906	1	0	RCR07G122JS	81349	1	0
MS90537-7	96906	12	12	RCR07G122JS	81349	1	1
MS90537-7	96906	2	2	RCR07G123JS	81349	9	46
				RCR07G124JS	81349	1	1
MX-8846/GSQ-160	80058	1	1	RCR07G151JS	81349	8	8
				RCR07G151JS	81349	1	0
M12883-01-04	81349	18	20	RCR07G152JS	81349	8	28
M21097-1-163	81349	18	2	RCR07G152JS	81349	1	1
M24308-1-3	81349	1	8	RCR07G152JS	81349	2	4
				RCR07G154JS	81349	1	1
M3786-4-0035	81349	16	8	RCR07G182JS	81349	9	32
				RCR07G182JS	81349	1	1
				RCR07G183JS	81349	9	36
				RCR07G184JS	81349	9	34
				RCR07G184JS	81349	1	0
M39003/01-2734	81349	9	3	RCR07G184JS	81349	1	1
M39003/01-2743	81349	9	4	RCR07G203JS	81349	1	0
				RCR07G222JS	81349	1	1
				RCR07G223JS	81349	1	0
				RCR07G223JS	81349	1	1
M39012/21-0001	81349	2	2	RCR07G224JS	81349	9	30
M39012/21-0001	81349	2	3	RCR07G224JS	81349	1	0
M39012/21-0001	81349	2	4	RCR07G224JS	81349	1	1
M39012/4-0002	81349	2	4	RCR07G225JS	81349	9	20

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PART NUMBER	FSCN	FIG. NO.	ITEM NO.	PART NUMBER	FSCN	FIG. NO.	ITEM NO.
RCR07G242JS	81349	21	3	RN60C95R3F	81349		22
RCR07G271JS	81349	8	5	SAH588246-2	80061	8	25
RCR07G272JS	81349	9	42	SM-616/GSQ-160	80051	14	1
RCR07G272JS	81349	10	37	SM-617/GSQ-160	80061	14	4
RCR07G273JS	81349	10	40			10	
RCR07G273JS	81349	11	32	SMA588213-1	80061	11	6
RCR07G275JS	81349	11	24	SMA588213-1	80061		1
RCR07G330JS	81349	24	48	SMA588213-3	80061	11	3
RCR07G331JS	81349	Text	43	SMA588213-4	80061		7
RCR07G333JS	81349	10	23	SMA588213-4	80061		2
RCR07G333JS	81349	11	36	SMA588224-1	80061	9	7
RCR07G335JS	81349	9	22	SMA588225	80061	22	36
RCR07G335JS	81349	Text	28	SMA588225	80061	24	6
RCR07G391JS	81349	24	55	SMA588227-002	80061	10	9
RCR07G392JS	81349	8	27	SMA588227-2	80061	10	53
RCR07G392JS	81349	9	14	SMA588228-001	80061		47
RCR07G392JS	81349	11	30	SMA588228-1	80061	9	48
RCR07G393JS	81349	10	44	SMA588228-1	80061	11	46
RCR07G393JS	81349	11	39	SMA588229-1	80061	8	32
RCR07G394JS	81349	Text	44	SMA588235-001	80061	19	13
RCR07G394JS	81349	10	33	SMA588236	80061	20	3
RCR07G395JS	81349	10	30	SMA588236	80061	21	2
RCR07G471JS	81349		6	SMA588236	00051	24	5
RCR07G471JS	81349	9	33	SMA588236	80061		13
RCR07G471JS	81349	8	31	SMA588237-1	80061	8	45
RCR07G472JS	81349	10	41	SMA588239-1	80061	25	5
RCR07G472JS	81349	11	33	SMA588242-1	80061		46
RCR07G473JS	81349	9	41	SMA588242-1	80061		47
RCR07G473JS	81349	10	42	SMA588243-1	80061	11	45
RCR07G473JS	81349	11	16	SMA588244-1	80061	11	43
RCR07G474JS	81349	9	23	SMA588244-2	80061	11	44
RCR07G474JS	81349		22	SMA588244-3	80061	10	48
RCR07G561JS	81349		31	SMA588244-4	80061	9	47
RCR07G562JS	81349	10	36	SMA588245-001	80061	3	10
RCR07G562JS	81349	21	4	SMA588246-1	80061	8	14
RCR07G563JS	81349	10	38	SMA588246-4	80061	8	16
RCR07G564JS	81349	24	51	SMA588246-6	80061	10	24
RCR07G682JS	81349	9	45	SMA588247-1	80061	8	10
RCR07G682JS	81349	10	27	SMA588247-10	80061	10	15
RCR07G682JS	81349	11	40	SMA588247-13	80061		1
RCR07G683JS	81349	10	32	SMA588247-15	80061	12	13
RCR07G683JS	81349	11	37	SMA588247-4	80061	8	13
RCR07G684JS	81349	11	25	SMA588247-4	80061	10	9
RCR07G753JS	81349	11	31	SMA588247-5	80061	8	17
RCR07G820JS	81349	9	37	SMA588247-6	80061	10	21
RCR07G822JS	81349	11	15	SMA588247-8	80061		5
RCR07G823JS	81349	11	41	SMA588247-9	80061	8	20
				SMA588248-1	80061	8	33
RCR07G824JS	81349	9	19	SMA588249-1	80061	8	11
RCR07G824JS	81349	10	39	SMA588249-2	80061	8	26
				SMA588251-1	80061	8	16
RCR20G120JS	81349	24	52	SMA588251-3	80061	8	18
				SMA588252-002	80061	12	11
RCR20G510JS	81349	21	1	SMA588252-1	80061	8	19
RCR20G510JS	81349	24	58	SMA588252-2	80061	8	22
RCR32G390JS	81349	9	40	SMA588255	80061	18	1
RJ24CP502	81349	11	35	SMA588258	80061	20	8
RJ26CH201	81349	22	9	SMA588259	80061	20	7
RJ26CH201	81349	23	27	SMA588262	80061		15
RNC60H3160FR	81349	24	49	SMA588265-1	80061	18	23
RNR60C1003FR	81349	9	39				
RNR60C20C3FR	81349	9	31	SMA588293	80061	18	5
RNR60C2263FR	81349	9	21	SMA588294	80061	24	36
				SMA588295-1	80061	9	49
RNR60C3163FR	81349	9	26	SMA588295-1	80061	10	51
RNR60C4643FR	81349	9	16	SMA588295-1	80061	11	49
RNS0C21R5F	81349	22	8	SMA588296	80061	18	3
RNS0C21R5F	81349	23	26	SMA588297	80061		6
RNS0C21R5F	81349	22	22	SMA588299-1	80061	18	50
RN60C1070F	81349	23	36	SMA588300-2	80061	8	39
RN60C1210F	81349	22	7	SMA588306	80061	20	1
RN60C1210F	81349	23	25	SMA588307	80061		1
RN60C49R9F	81349	22	6	SMA588354-1	80061	29	31
RN60C49R9F	81349	23	24	SMA588354-2	80061		16
RN60C71R5F	81349	22	5	SMA588356	80061	23	32
RN60C71R5F	81349	23	23	SMA588358	80061	24	27
RN60C76R8F	81349	22	2	SMA588359	80061		31
RN60C76R8F	81349	23	21	SMA588361	80061	24	32
RN60C95R3F	81349	22	4	SMA588366	80061	24	22
				SMA588367	80061	26	4

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
SMA588388	80063	2	6	SMC588516	80063	14	2
SMA588391	80063	25	2	SMC588517	80063	14	6
SMA588406	80063	24	40	SMC588518	80063	14	3
SMA588407	80063	24	41	SMC588534	80063	22	30
SMA588410-001	96906	16	10	SMC588535	80063	23	3
SMA588410-002	96906	16	9	SMC588540	80063	22	20
SMA588480	80063	24	20	SMC588542	80063	22	24
SMA588491	80063	26	2	SMC588542	80063	23	5
SMA588502-002	80063	24	29	SMD568-433	80063	22	19
SMA588502-003	80063	24	2	SMD588218	80063	24	38
SMA588526	80063	24	5				
SMA588551-1	80063	9	12				
SMA588551-1	80063	11	12	SMD588222-001	80063	3	11
SMA588565-1	96906	8	30	SMD588266	80063	12	9
SMB588205	80063	3	6	SMD588284	80063	10	49
				SMD588292	80063	12	14
				SMD588303	80063	8	35
SM8588692	80063	15	1	SMD588304	80063	8	40
SM8588696	80063	15	2	SMD588369	80063	16	2
SMB588697	80063	23	1	SMD588370	80063	16	5
SMC588317-1	80063	8	38	SMD588371	80063	16	4
SMC588285	80063	10	50	SMD588372	80063	18	21
SMC588286	80063	11	48	SMC588396	80063	16	1
SMC588287	80063	11	51	SMD588401	80063	10	52
SMC588288	80063	9	50	SMD588421-1	80063	22	27
SMC588289	80063	8	34	SMD588421-1	80063	23	9
SMC588290	80063	12	10	SMD588429-1	80063	23	15
SMC588309	80063	8	36	SMD588429-2	80063	22	3
SMC588310	80063	8	44	SMD588431	80063	23	2
SMC588314	80063	13	3	SMD588465	80063	24	37
SMC588317-2	80063	22	31	SMD588482	80063	24	30
SMC588317-2	80063	23	16	SMD588501	80063	24	33
SMC588323	80063	12	15	SMD588525	80063	12	17
SMC588341	80063	21	9	T-1233(V)/GSQ	91417	7	1
SMC588362-1	80063	26	1	T-1233(V)/GSQ	91417	7	1
SMC588363	80063	24	23	TA383	12143	24	28
				TA386	80063	3	3
SMC588365	80063	26	5	UG-201AU	81349	24	42
SMC588386	80063	24	25	588223-001	12436	1	2
SMC588395	80063	18	18	588226-001	12436	2	2
SMC588398	80063	19	4	588233-001	12436	5	2
SMC588411	80063	23	35	588234-001	12436	3	1
SMC588412	80063	22	18	588238-001	12436	13	6
SMC588418	80063	23	33	588253-001	12436	6	4
SMC588419	80063	22	23	588254-001	12436	5	4
SMC588419	80063	23	4	588260-001	12436	13	2
SMC588434	80063	20	5	588312-001	12436	1	6
SMC588439	80063	23	34	588313-001	12436	6	1
SMC588452	80063	24	15	588314-001	12436	1	3
SMC588463	80063	24	44	588319-001	12436	1	4
SMC588467	80063	24	11	588320-001	12436	1	2
SMC588493	80063	24	18	588324-001	12436	3	2
SMC588506	80063	23	8	588347-001	12436	6	3
SMC588508	80063	24	24	588350-001	12436		5
SMC588509	80063	24	26	588351-001	12436	2	5
SMC588510	80063	24	35	588386-001	12436	2	1

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5305-00-054-5647	22	12	6625-00-415-6352	14	9
5910-00-069-1378	10	4	6625-00-415-6353	14	5
5905-00-107-0656	9	38	5930-00-418-3583	16	8
5905-00-114-5339	10	22	5935-00-439-3748	24	3
5905-00-121-9932	24	52	5355-00-556-0145	16	7
5905-00-141-1183	10	21	5310-00-595-6211	3	7
5910-00-164-2031	19	5	5905-00-686-3356	24	56
5910-00-164-2031	20	4	6135-00-780-9961	1	5
5910-00-164-2031	21	7	5935-00-835-0508	25	1
5895-00-168-8314	7	3	5961-00-925-3777	11	11
5905-00-346-8879	22	9	5961-00-938-1135	24	47
5905-00-346-8879	23	27	5935-00-974-5418	22	25
5935-00-351-6135	18	8	5935-00-974-5418	23	6
5935-00-351-6135	24	1			

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CY7046GSQ160	80058	1	5	M39003-01-2961	81349	21	7
F028125V-1-2A	81349	1 6	13	M39003-01-2961	81349	1 9	5
JAN2H2907A	81349	11	11	M39012-04-0002	81349	2 2	25
KY677GSQ	80058	7	3	M39012-04-0002	81349	2 3	6
M-3786-4-0014	81349	1 6	6	M39012-16-0001	81349	2 5	1
MS91528-1K2B	96906	16	7	M5423/09-03	81349	5	3
MX-8924/GSQ-160	80058	14	5	RCR07G154JS	81349	1 0	22
M24308-1-3	81349	2 4	1	RCR07G823J	81349	2 4	56
M24308-3-3	81349	2 4	3	SMA588246-2	80063	8	25
M39003-01	12957	10	4	SM-618/GSQ-160	80058	1 4	9
M39003-01-2961	81349	2 0	4				

ADDITIONAL LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.	STOCK NUMBER	FIG. NO.	ITEM NO.
5305-00-054-6670	18	19	5935-00-835-0510	24	8
5905-00-232-3487	9	17	5310-00-99-6395	18	23
5905-00-451-1429	9	24	5310-00-929-6395	22	32
5820-00-459-3768	7	1	5310-00-929-6395	23	17
5820-00-481-3066	7	1	5310-00-933-8118	16	15
5975-00-497-2158	25	4	5310-00-933-8118	18	13
5365-00-542-0905	24	46	5310-00-933-8118	22	11
5365-00-632-3103	24	39	5310-00-933-8118	23	10
5365-00-684-2093	18	17	5310-00-933-8119	18	10
5935-00-722-7845	18	2	5310-00-934-9759	18	11
5305-00-763-6956	24	45	5340-01-026-3146	4	11

ADDITIONAL LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
MS51959-22	96906	24	45	SMA588364	80063	2 4	21
NAS43DDO-16	80205	18	17	588218-001	12436	4	1
NAS43DDO-32	80205	2 4	39	588219-001	12436	4	2
RNR60C2613FS	81349	9	24	588220-001	12436	4	12
RNR60C2743FS	81349	9	17	588221-001	12436	4	10
SMA588360	81349	2 4	34	588671-001	13973	4	11

ADDITIONAL LATEST NATIONAL STOCK AND PART NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
5920-00-280-9328	1 6	13	JAN1N3595	81349	1 1	7
5905-00-454-2868	24	57	JAN1N4148	81349	1 0	11
5961-00-938-1135	1 0	11	RCR07G101JS	81349	1 0	21
5961-00-965-6271	11	7	RCR20G3R3JS	81349	2 4	57
			SMA588269	80063	1 7	1

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



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PUBLICATION NUMBER

TM 11-5840-340-12

DATE

23 Jan 74

TITLE

Radar Set AN/SPC-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		

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 27 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.

F03

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.

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SSG I. M. DeSpirito 999-1776

SIGN HERE:

SSG I. M. DeSpirito

DA FORM 2028-2
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PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
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PARA-GRAPH

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TABLE NO.

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For explanation of abbreviations used, See AR 310-50.

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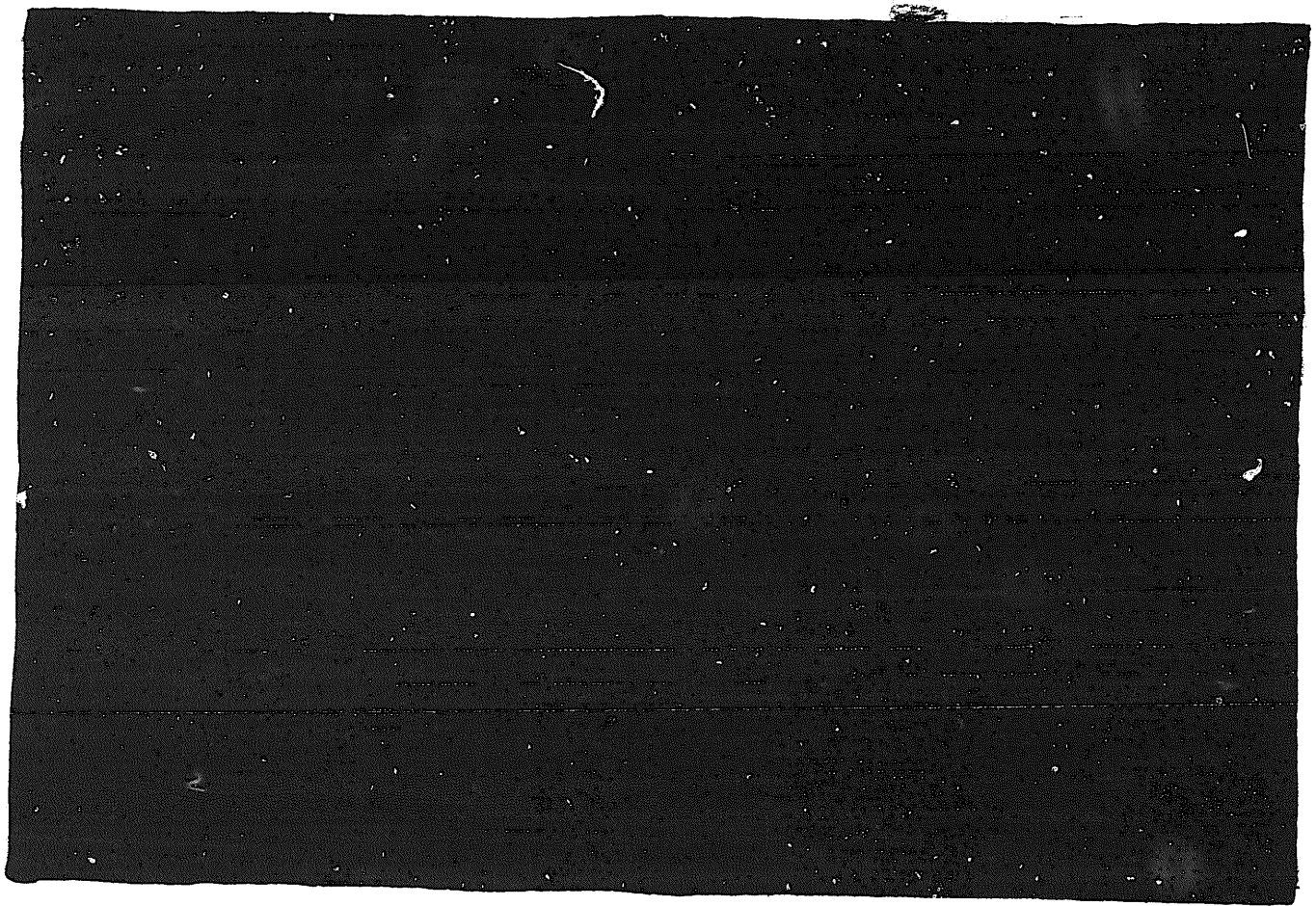


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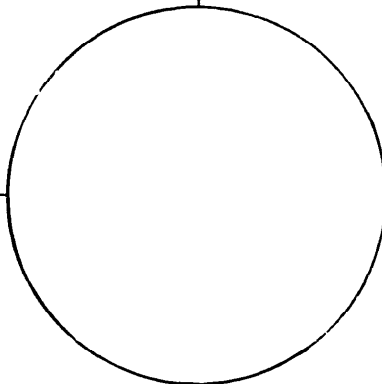
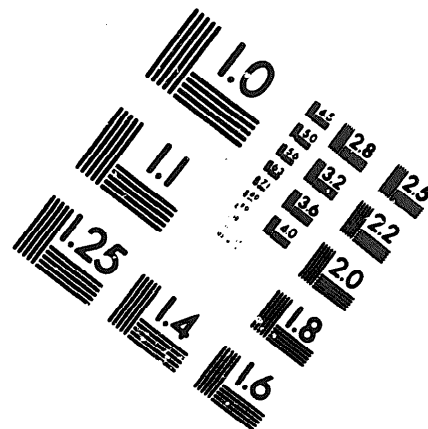
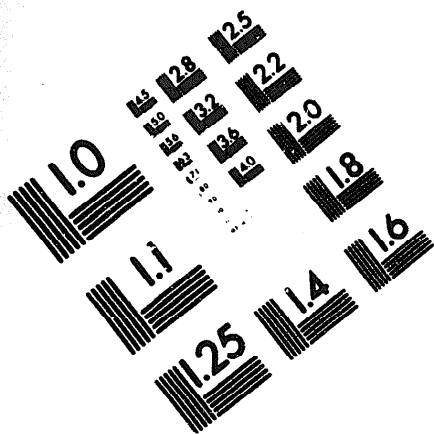
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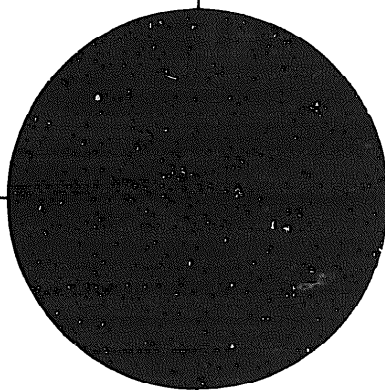
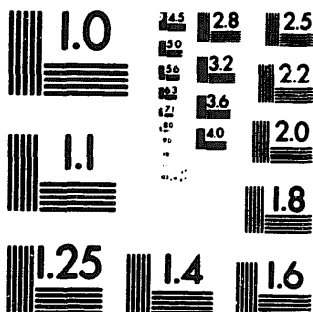
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