

TM 11-5805-387-24P-1

TECHNICAL MANUAL

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

**MODEM, RADIO TELETYPEWRITER MD-522/GRC
(NSN 5815-00-999-5277)**

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

TECHNICAL MANUAL }
NO. 11-5805-387-24P-1 }

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC 17 January 1977

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FOR
MODEM, RADIO TELETYPEWRITER MD-522/GRC
(NSN 5815-00-999-5277)
Current as of 11 October 1976**

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*This manual supersedes TM 11-5805-387-20P-1, 28 August 1967 and TM 11-5805-387-35 P-1, 5 September 1967.

SECTION I

INTRODUCTION

1. Scope

This manual lists repair parts and special tools required for performance of organizational, direct support, and general support maintenance of the MD-522/GRC.

2. General

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

a. Section II. Repair Parts List. A list of 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 ascending numerical 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 ascending National item identification number (NIIN, last 9 digits) sequence, of all National stock numbers appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock number and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

The following provides an explanation of columns found in the tabular listings:

a. Illustration. This column is divided as follows:

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

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

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

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

Code	Definition
PA-	Item procured and stocked for anticipated or known usage.
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, XD, 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
J94	Support item is removed, replaced, used at the organizational level.
F-	Support item is removed, replaced, used at the direct 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.
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.
D-	Reparable item. When beyond lower level repair

capability, return to depot. Condemnation and disposal not authorized below depot level.

L- Repairable 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

The following publication pertains to the MD-522/GRC and its components TM 11-5805-387-15-1, Modem, Radio Teletypewriter MD-522/GRC

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 repair part 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 repair part belongs.

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

(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 ascending NIIN sequence followed by a list of part numbers in ascending 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)

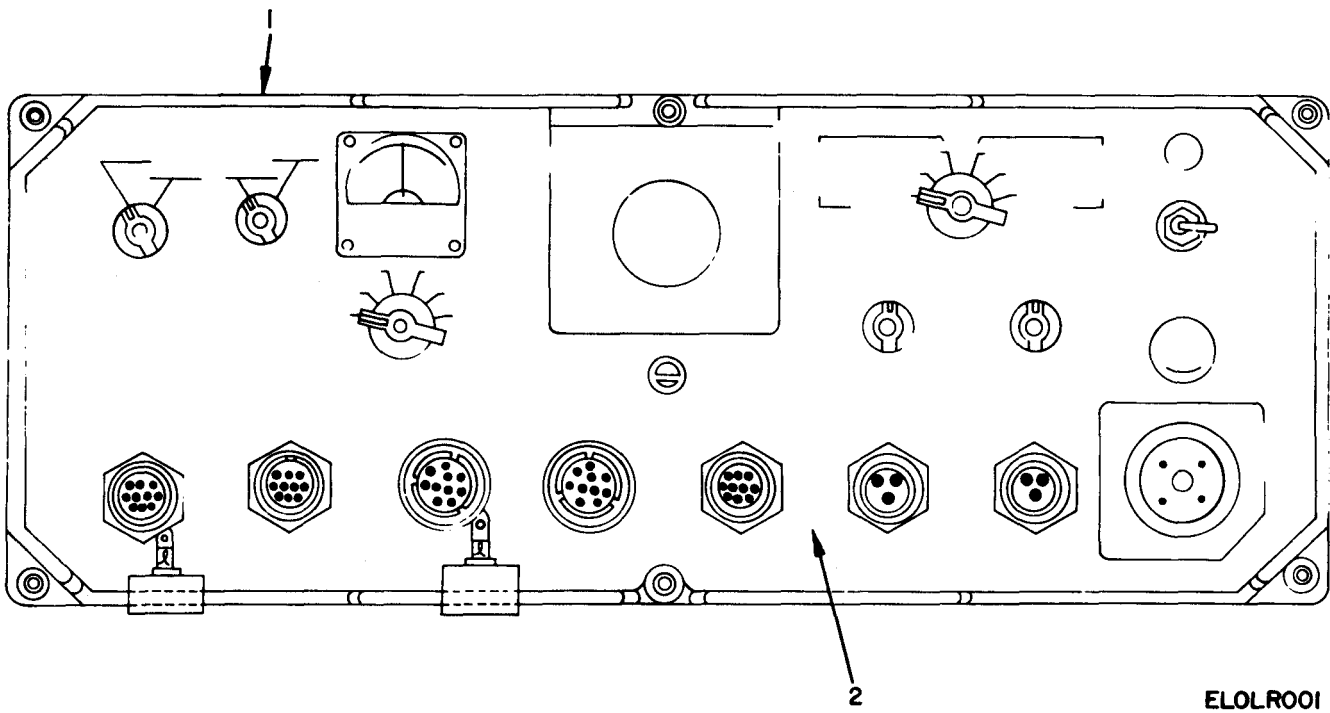


Figure 1. Modem, Radio Teletypewriter MD-522/GRC.

SECTION II				TM11-5805-387-24P-1				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION				DESCRIPTION				
(a)	(b)	NATIONAL	PART	DESCRIPTION			(8)	
FIG	ITEM	STOCK	NUMBER	FSCM	USABLE ON CODE	U\M	QTY	
NO.	NO.	NUMBER	NUMBER				INC	
							IN	
							UNIT	
					GROUP 00 MODEM,RADIO TELETYPEWRITER MD-522/GRC			
1	1	XDFFD	SMD500007	80063	CASE ASSEMBLY	EA	1	
1	2	XDODD	SMD583144	80063	PANEL ASSEMBLY,FRONT	EA	1	

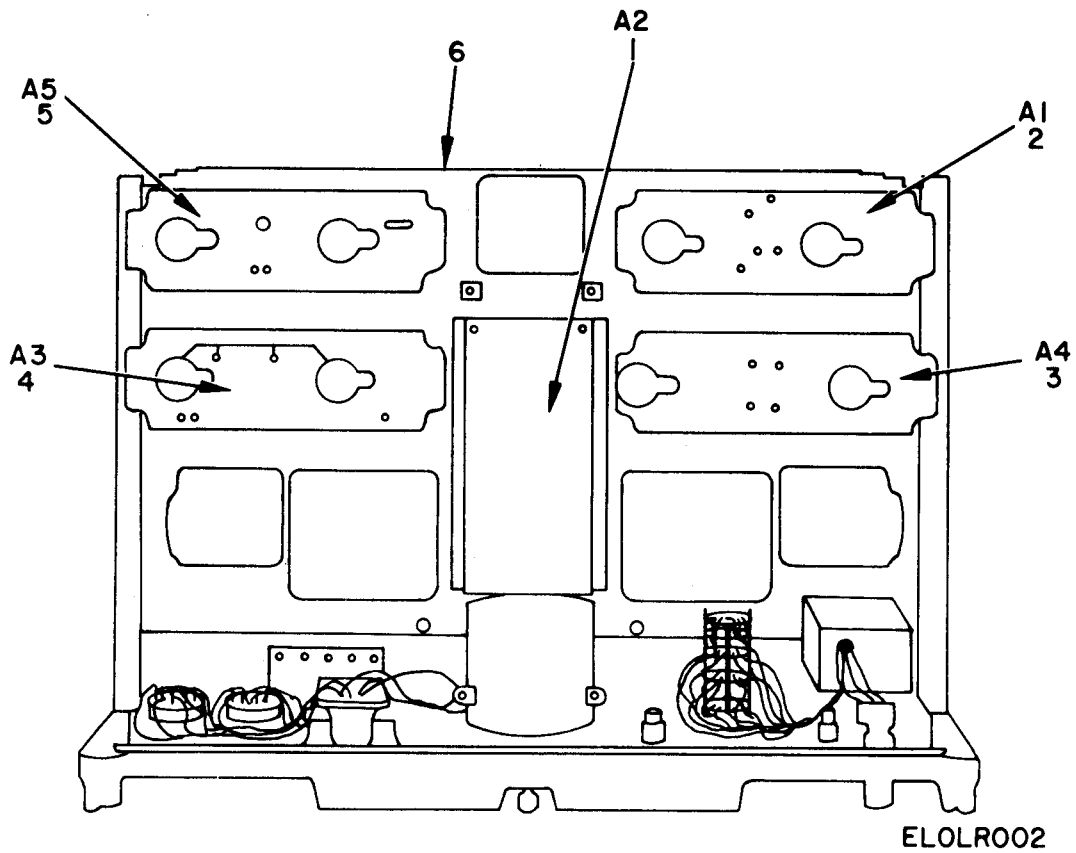
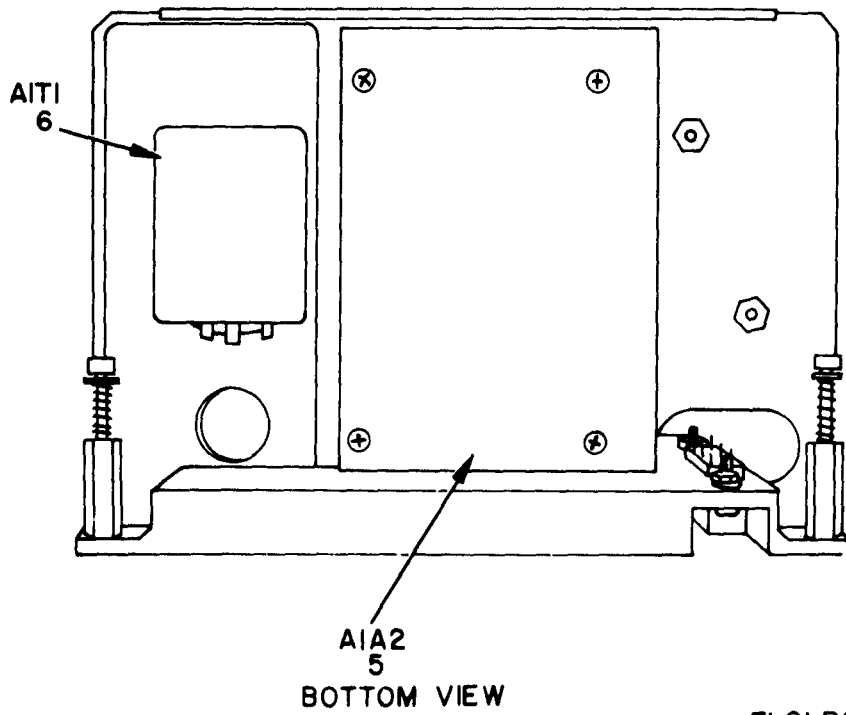
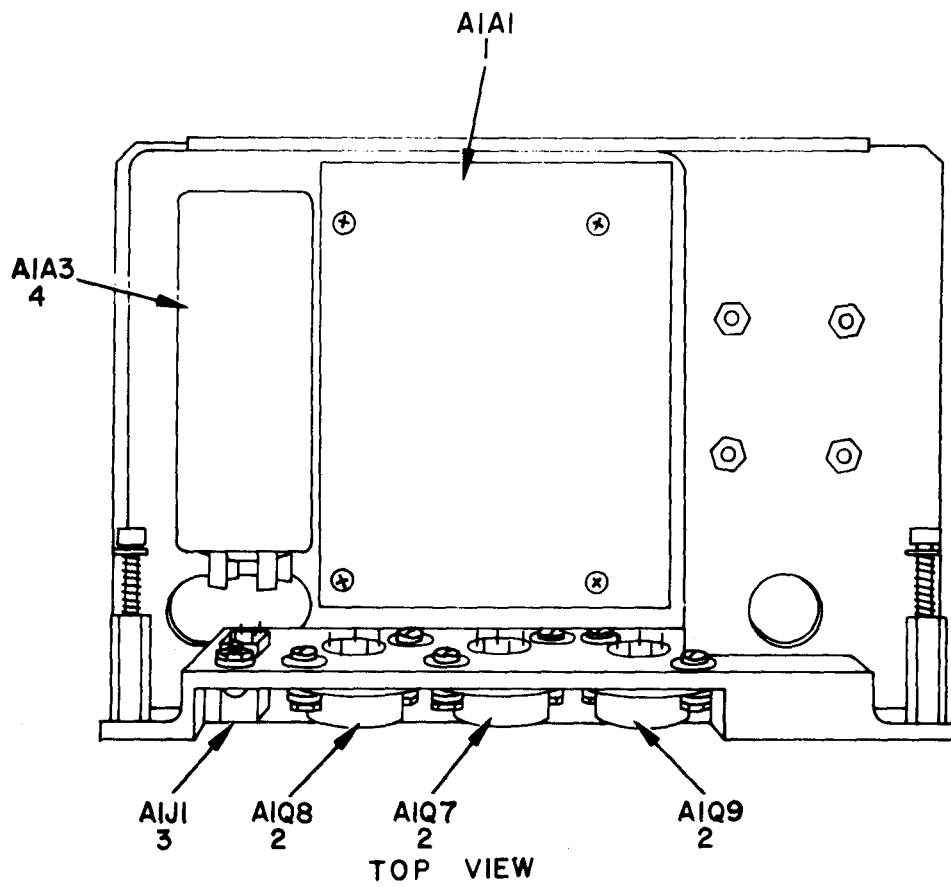


Figure 2. Modem, Radio Teletypewriter MD-522/GRC, Top View.

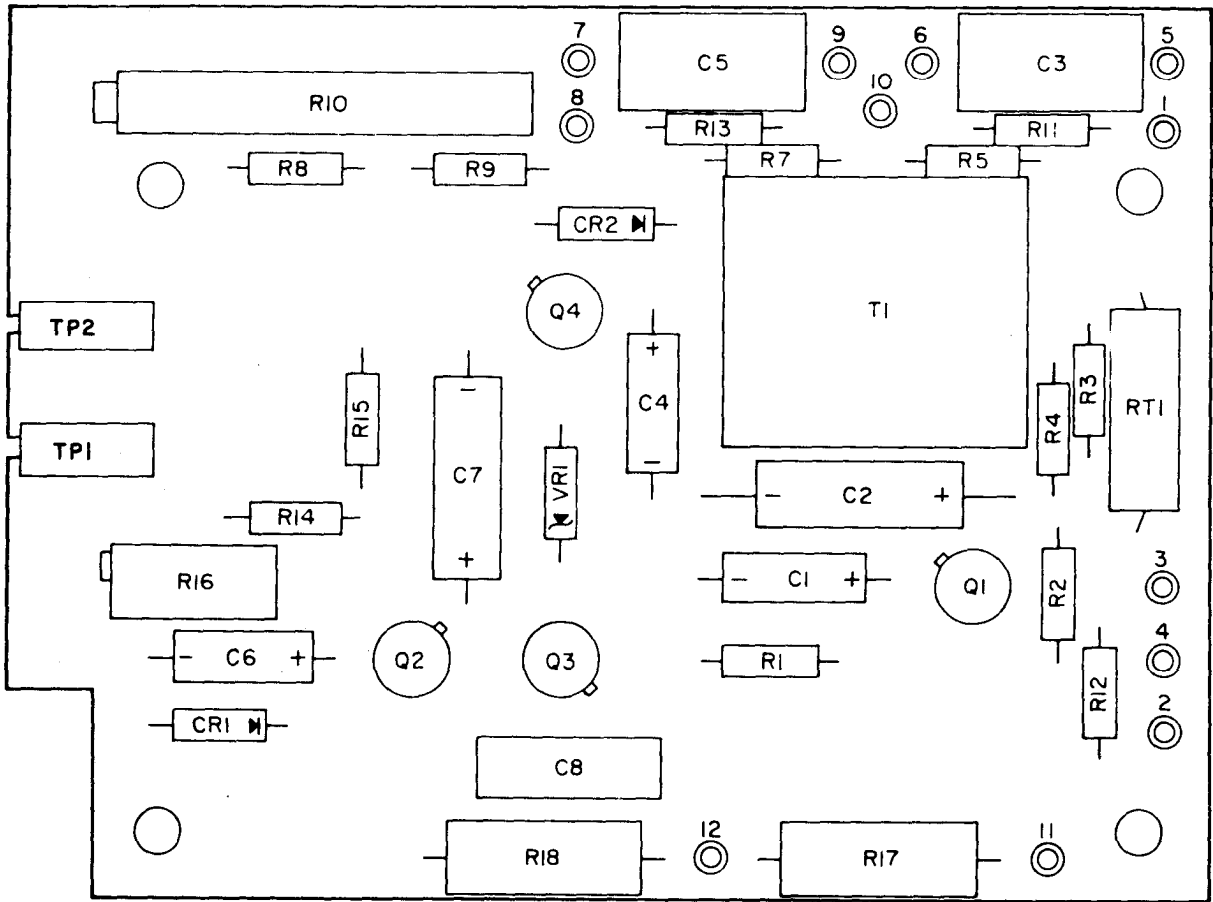
SECTION II						TM11-5805-387-24P-1		
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
ILLUSTRATION		NATIONAL	PART		DESCRIPTION			QTY
FIG (a) (b)	ITEM SMR	STOCK	NUMBER	FSCM		USABLE ON CODE	U\M	INC
NO.	NO.	NUMBER	NUMBER					IN
								UNIT
2	1	PAFDL	5815-00-930-4659	SME583149	80063	OSCILLOSCOPE ASSEMBLY MODULE	EA	1
2	2	PAFDL	5815-00-930-4658	SMD583148	80063	RECEIVER AUDIO MODULE	EA	1
2	3	PAFDL	5815-00-930-4655	SMD583146	80063	RECEIVER MODULE ASSEMBLY	EA	1
2	4	PAFDL	5815-00-930-4656	SMD583147	80063	TRANSMITTER MODULE ASSEMBLY	EA	1
2	5	PAFDL	5815-00-842-5721	SMD583081	80063	LOOP BATTERY MODULE	EA	1
2	6	XDFDL		SMD583145	80063	CHASSIS ASSEMBLY	EA	1



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Figure 3. Receiver Audio, BFO, +20V Regulator Module.

SECTION II		TM11-5805-387-24P-1						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION		NATIONAL		DESCRIPTION			QTY	
(a)	(b)	STOCK	PART			U\M	INC	
FIG	ITEM	NUMBER	NUMBER	FSCM			IN	
NO.	NO.	CODE					UNIT	
GROUP 01 RECEIVER AUDIO,BFO,+20V REFULATOR MODULE								
3	1	PADDL	5975-00-930-4461	SMF583055	80063	PRINTED CIRCUIT BOARD (AUDIO AMPLIFIER REGULATOR)	EA	1
3	2	PADZZ	5961-00-889-4120	JAN2N1486	81349	TRANSISTOR	EA	3
3	3	PADZZ	5935-00-930-7025	SMC583223-1	80063	CONNECTOR,RECEPTACLE,ELECTRICAL	EA	1
3	4	PADZZ	5955-00-930-4457	SMC583097	80063	BEAT FREQUENCY OSCILLATOR,OVEN ASSEMBLY	EA	1
3	5	PADDL	5975-00-930-4462	SMD583059	80063	PRINTED CIRCUIT BOARD (BEAT FREQUENCY OSCILLATOR AMPLIFIER)	EA	1
3	6	PADZZ	5950-00-930-4449	SMC583143	80063	TRANSFORMER,AUDIO FREQUENCY	EA	1

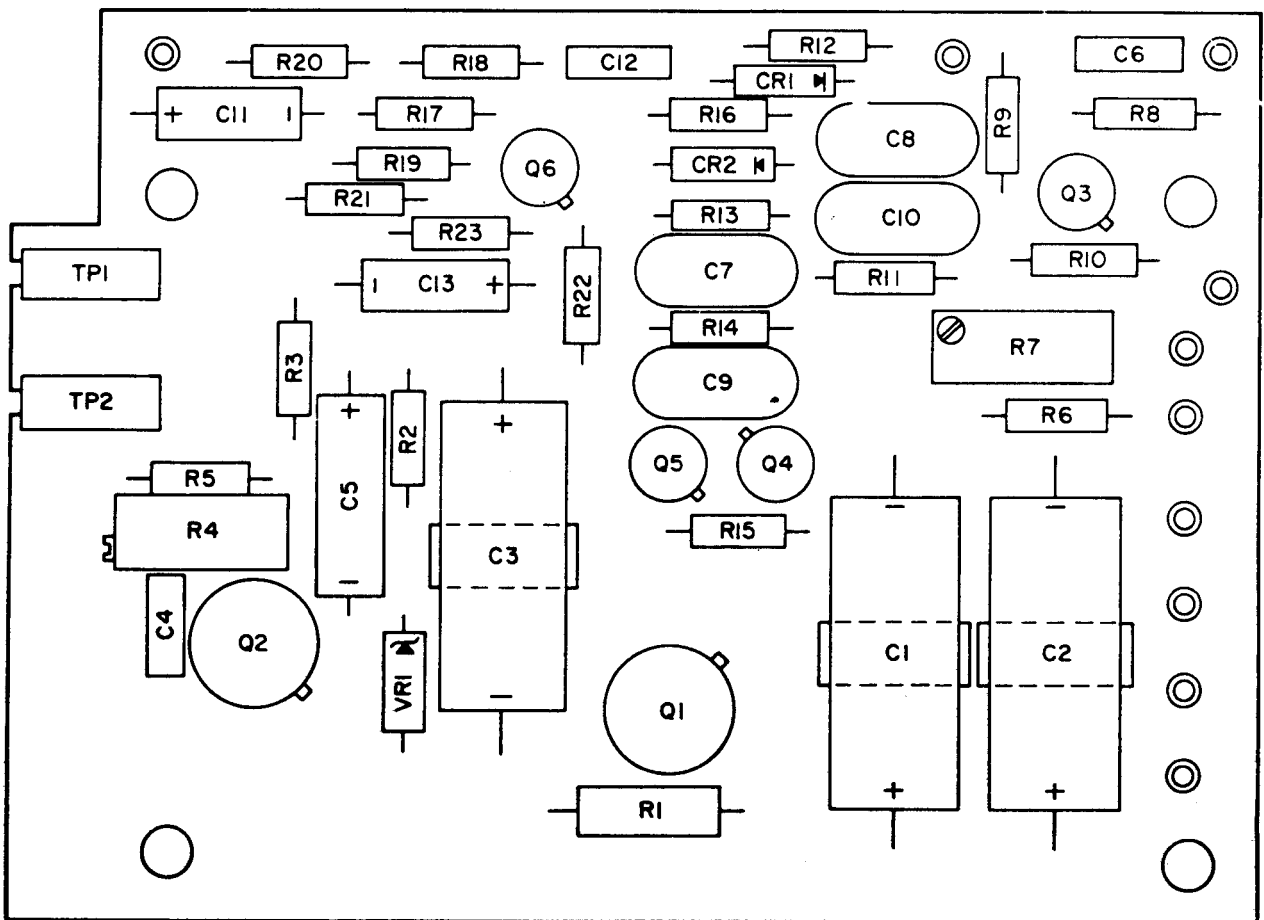


REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C7	5	Q1	10	R3	15	R10	19	R16	23
C2	2	C8	6	Q2	10	R4	15	R11	20	R17	24
C3	3	CR1	7	Q3	11	R5	16	R12	21	R18	25
C4	4	CR2	8	Q4	12	R7	17	R13	20	RT1	26
C5	3	TP1	9	R1	13	R8	18	R14	21	T1	27
C6	1	TP2	9	R2	14	R9	18	R15	22	VR1	28

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Figure 4. Receiver Audio, BFO, +20V Regulator Module, Printed Circuit Board (Audio Amplifier Regulator) A1A1.

SECTION II				TM11-5805-387-24P-1					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION		NATIONAL		DESCRIPTION					
(a)	(b)	STOCK	PART	FSCM		USABLE ON CODE	U\M	QTY	INC
FIG	ITEM	NUMBER	NUMBER					IN	UNIT
NO.	NO.	CODE							
4	1	PADZZ	5910-00-787-2109	CS13BF105K	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2	
4	2	PADZZ	5910-00-904-5644	CS13BE156M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1	
4	3	PADZZ	5910-00-926-8049	SMC583224-2	80063	CAPACITOR, FIXED, PAPER	EA	2	
4	4	PADZZ	5910-00-936-1331	CS13BB685K	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1	
4	5	PADZZ	5910-00-904-3985	CS13BF685M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1	
4	6	PADZZ	5910-00-926-8051	SMB583225	80063	CAPACITOR, FIXED, PAPER	EA	1	
4	7	XDDZZ		JAN1N3666M2	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1	
4	8	PADZZ	5961-00-087-6047	JAN1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1	
4	9	PADZZ	5935-00-089-4856	SMB583231	80063	JACK, HORIZONTAL	EA	2	
4	10	PADZZ	5961-00-883-9495	2N706B	81349	TRANSISTOR	EA	2	
4	11	PADZZ	5961-00-081-8365	JAN2N1131	81349	TRANSISTOR	EA	1	
4	12	PADZZ	5961-00-813-9360	JAN2N1613	81349	TRANSISTOR	EA	1	
4	13	PADZZ	5905-00-681-6462	RC07GF102J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
4	14	PADZZ	5905-00-681-8818	RC07GF153J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
4	15	PADZZ	5905-00-686-3369	RC07GF331J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
4	16	PADZZ	5905-00-686-3370	RC07GF202J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
4	17	PADZZ	5905-00-683-2235	RC07GF680J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
4	18	PADZZ	5905-00-817-7971	RC07GF100J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
4	19	PADZZ	5905-00-926-2826	RT12C2P100	81349	RESISTOR, VARIABLE, WIRE WOUND	EA	1	
4	20	PADZZ	5905-00-686-9997	RC07GF682J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
4	21	PADZZ	5905-00-686-9998	RC07GF472J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
4	22	PADZZ	5905-00-801-6998	RC07GF621J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
4	23	PADZZ	5905-00-769-4595	SMB583221-2	80063	RESISTOR, VARIABLE, WIRE WOUND	EA	1	
4	24	PADZZ	5905-00-299-2040	RC32GF472J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
4	25	PADZZ	5905-00-121-9861	RC32GF102J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
4	26	PADZZ	5905-00-764-6087	810000-825	58189	RESISTOR, THERMAL	EA	1	
4	27	PADZZ	5950-00-930-4450	SMC583181	80063	TRANSFORMER, AUDIO FREQUENCY	EA	1	
4	28	PADZZ	5961-00-892-1009	JAN1N9638	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1	



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Figure 5. Receiver Audio, BFO, +20V Regulator Module, Printed Circuit Board (Beat Frequency Oscillator Amplifier) A1A2(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	C9	4	Q2	7	R4	12	R12	18	R20	17
C2	1	C10	4	Q3	8	R5	13	R13	17	R21	16
C3	1	C11	5	Q4	8	R6	14	R14	17	R22	20
C5	3	C13	5	Q6	8	R8	11	R16	18	TP1	21
C6	2	CR1	6	R1	9	R9	16	R17	11	TP2	21
C7	4	CR2	6	R2	10	R10	16	R18	19	VRI	22
C8	4	Q1	7	R3	11	R11	17	R19	18		

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Figure 5. Receiver Audio, BFO, +20V Regulator Module, Printed Circuit Board
(Beat Frequency Oscillator Amplifier) AIA2 (Sheet 2 of 2).

SECTION II		TM11-5805-387-24P-1						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION		NATIONAL STOCK		DESCRIPTION			QTY	
(a)	(b)	SMR	NUMBER	PART NUMBER	FSCM	USABLE ON CODE	INC	
FIG NO.	ITEM NO.	CODE				U\M	IN	
							UNIT	
5	1	XDOZZ		CS13BF476M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
5	2	PADZZ	5910-00-847-7288	CK06CW103K	81349	CAPACITOR, FIXED, CERAMIC	EA	3
5	3	PADZZ	5910-00-904-5644	CS13BF1056M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
5	4	PADZZ	5910-00-957-2054	CM05E330G03	81349	CAPACITOR, FIXED, MICA	EA	4
5	5	PADZZ	5910-00-787-2109	CS13BF105K	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
5	6	PADZZ	5961-00-814-0768	JAN1N3064	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
5	7	PADZZ	5961-00-813-9360	JAN2N1613	81346	TRANSISTOR	EA	2
5	8	PADZZ	5961-00-883-9495	2N706B	81349	TRANSISTOR	EA	4
5	9	PADZZ	5905-00-279-1877	RC20GF242J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
5	10	PADZZ	5905-00-686-3798	RC07G272J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
5	11	PADZZ	5905-00-686-9998	RC07GF472J	81349	RESISTOR, FIXED, COMPOSITION	EA	4
5	12	PADZZ	5905-00-926-0316	SMB583221-3	81349	RESISTOR, VARIABLE, WIRE WOUND	EA	1
5	13	PADZZ	5905-00-683-7723	RC07GF152J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
5	14	PADZZ	5905-00-801-8272	RC07GF511J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
5	15	PADZZ	5905-00-053-8048	3250W1-502	80294	RESISTOR, VARIABLE, WIRE WOUND	EA	1
5	16	PADZZ	5905-00-683-2238	RC07GF103J	81349	RESISTOR, FIXED, COMPOSITION	EA	3
5	17	PADZZ	5905-00-687-0000	RC07GF183J	81349	RESISTOR, FIXED, COMPOSITION	EA	5
5	18	PADZZ	5905-00-686-3129	RC07GF104J	81349	RESISTOR, FIXED, COMPOSITION	EA	3
5	19	PADZZ	5905-00-686-3838	RC07GF273J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
5	20	PADZZ	5905-00-817-7971	RC07GF100J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
5	21	PADZZ	5935-00-089-4856	SMB583231	80063	JACK, HORIZONTAL	EA	2
5	22	PADZZ	5961-00-892-3361	JAN1N750A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1

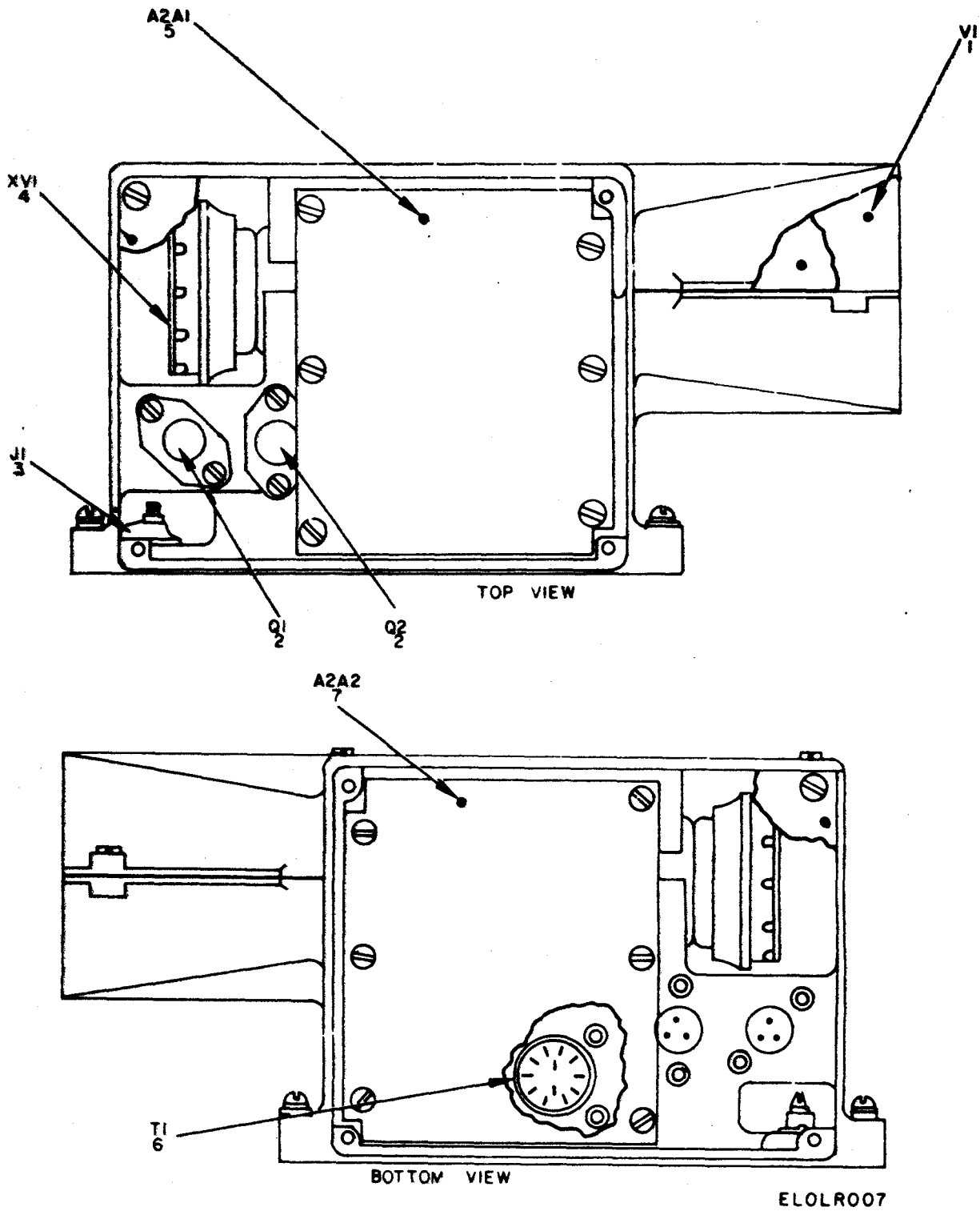
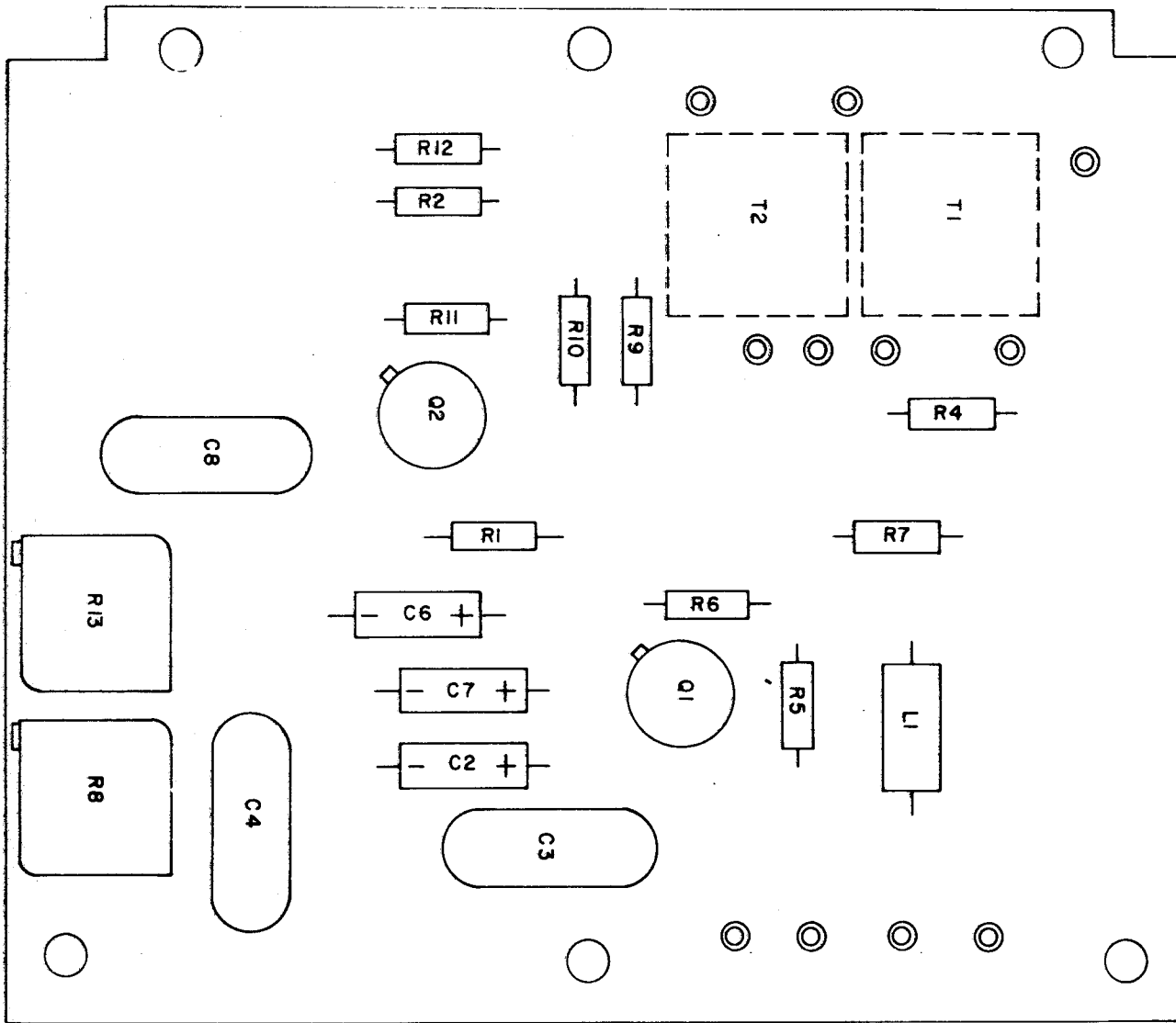


Figure 6. Scope Module A2.

SECTION II							TM11-5805-387-24P-1		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION		NATIONAL			DESCRIPTION		QTY		
(a) (b)		STOCK	PART				INC		
FIG NO.	ITEM NO.	SMR CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	IN	
								UNIT	
					GROUP 02 SCOPE MODULE				
6	1	PAOZZ	5960-00-170-4573	JAN2BP1	81349 ELECTRON TUBE		EA	1	
6	2	PADZZ	5961-00-889-4120	JAN2N1486	81349 TRANSISTOR		EA	2	
6	3	PADZZ	5935-00-930-7025	DAM15PF115	81349 CONNECTOR, RECEPTACLE, ELECTRICAL		EA	1	
6	4	PADZZ	5935-00-240-8166	SMB583062	80063 SOCKET, ELECTRON TUBE		EA	1	
6	5	PADDL	5975-00-930-4464	SMF583092	80063 PRINTED CIRCUIT BOARD (OSCILLOSCOPE AMPLIFIER)		EA	1	
6	6	XDDZZ		SMA583187	80063 TRANSFORMER, POWER		EA	1	
6	7	XDDDL		SMF583008	80063 PRINTED CIRCUIT BOARD (OSCILLOSCOPE BIAS)		EA	1	

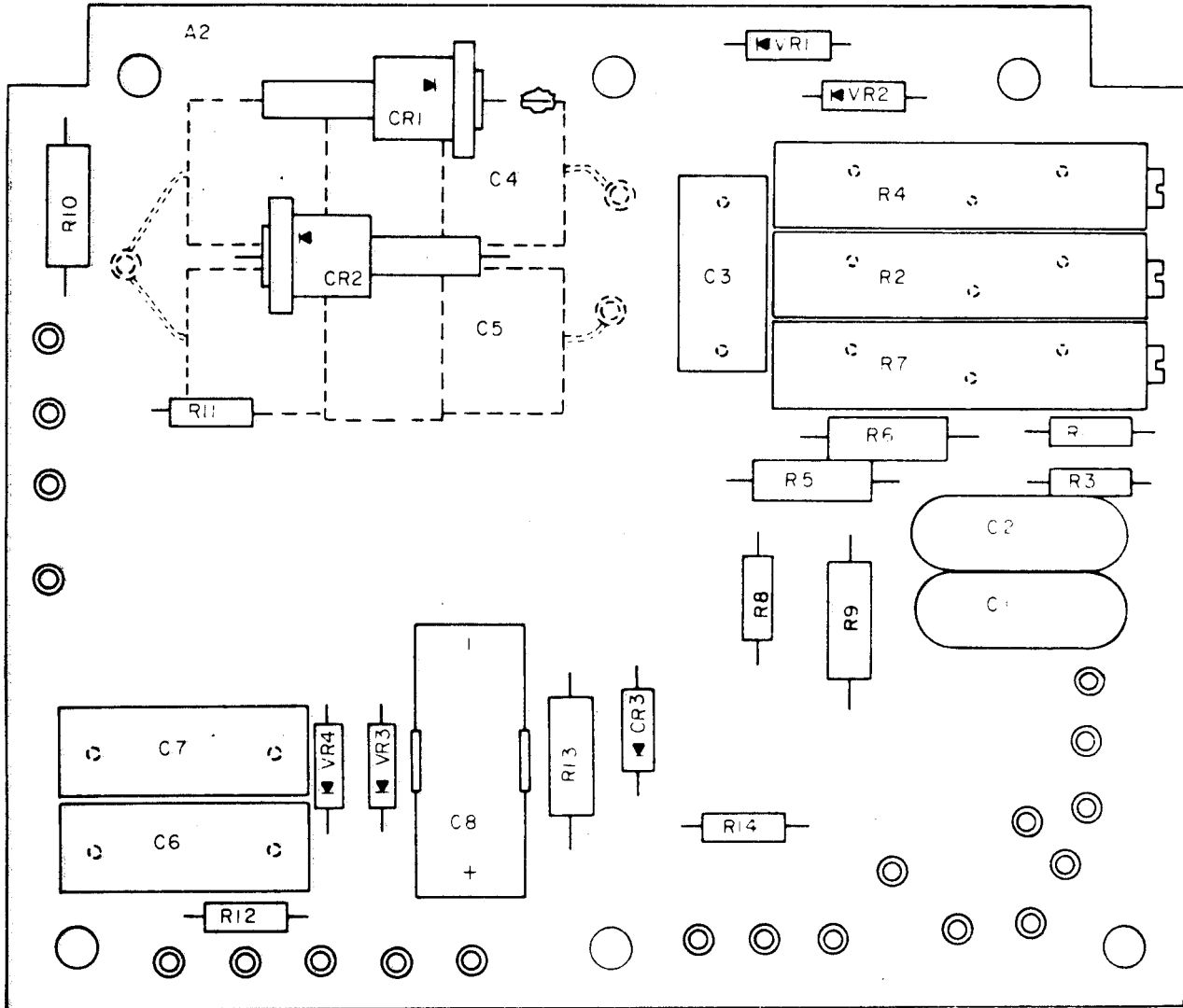


REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.
C2	1	C6	1	L1	13	R1	6	R5	8	R8	11	R11	9	T1	14
C3	2	C7	1	Q1	5	R2	6	R6	9	R9	7	R12	10	T2	14
C4	3	C8	4	Q2	5	R4	7	R7	10	R10	12	R13	11		

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Figure 7. Scope Module, Printed Circuit Board (Oscilloscope Amplifier) A2A1.

SECTION II		TM11-5805-387-24P-1						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(a)	(b)	NATIONAL	PART	DESCRIPTION			(8)	
FIG	ITEM	STOCK	NUMBER	FSCM	USABLE ON CODE	U\M	QTY	
NO.	NO.	NUMBER	NUMBER				INC	
	SMR						IN	
	CODE						UNIT	
7	1	PADZZ	5910-00-787-2109	CS13BF105K	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
7	2	PADZZ	5910-00-045-5434	CM06F272G03	81349	CAPACITOR, FIXED, MICA	EA	1
7	3	PADZZ	5910-00-725-4794	CM06F222G03	81349	CAPACITOR, FIXED, MICA	EA	1
7	4	PADZZ	5910-00-762-7886	CM06F431G03	81349	CAPACITOR, FIXED, MICA SELECT	EA	1
7	4	PADZZ	5910-00-965-9441	CM06F102G03	81349	CAPACITOR, FIXED, MICA SELECT	EA	1
7	4	PADZZ	5910-00-781-1154	CM06F152G03	81349	CAPACITOR, FIXED, MICA SELECT	EA	1
7	4	PADZZ	5910-00-045-5434	CM06F272G03	81349	CAPACITOR, FIXED, MICA SELECT EA	EA	1
7	4	PADZZ	5910-00-051-2312	CM06F362G03	81349	CAPACITOR, FIXED, MICA SELECT	EA	1
7	4	PADZZ	5910-00-771-3008	CM06F432G03	81349	CAPACITOR, FIXED, MICA SELECT	EA	1
7	5	PADZZ	5961-00-813-9360	JAN2N1613	81349	TRANSISTOR	EA	2
7	6	PADZZ	5905-00-683-7720	RC07GF510J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
7	7	PADZZ	5905-00-682-4098	RC07GF392J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
7	8	PADZZ	5905-00-686-3129	RC07GF104J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
7	9	PADZZ	5905-00-686-9998	RC07GF472J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
7	10	PADZZ	5905-00-686-9997	RC07GF682J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
7	11	PADZZ	5905-00-067-7338	RT22C2P502	81349	RESISTOR, VARIABLE, WIRE WOUND	EA	2
7	12	PADZZ	5905-00-119-3505	RC07GF683J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
7	13	PADZZ	5950-00-926-3154	MS90537-41	96906	COIL, RADIO FREQUENCY	EA	1
7	14	PADZZ	5950-00-930-4452	SMC583183	80063	TRANSFORMER	EA	2

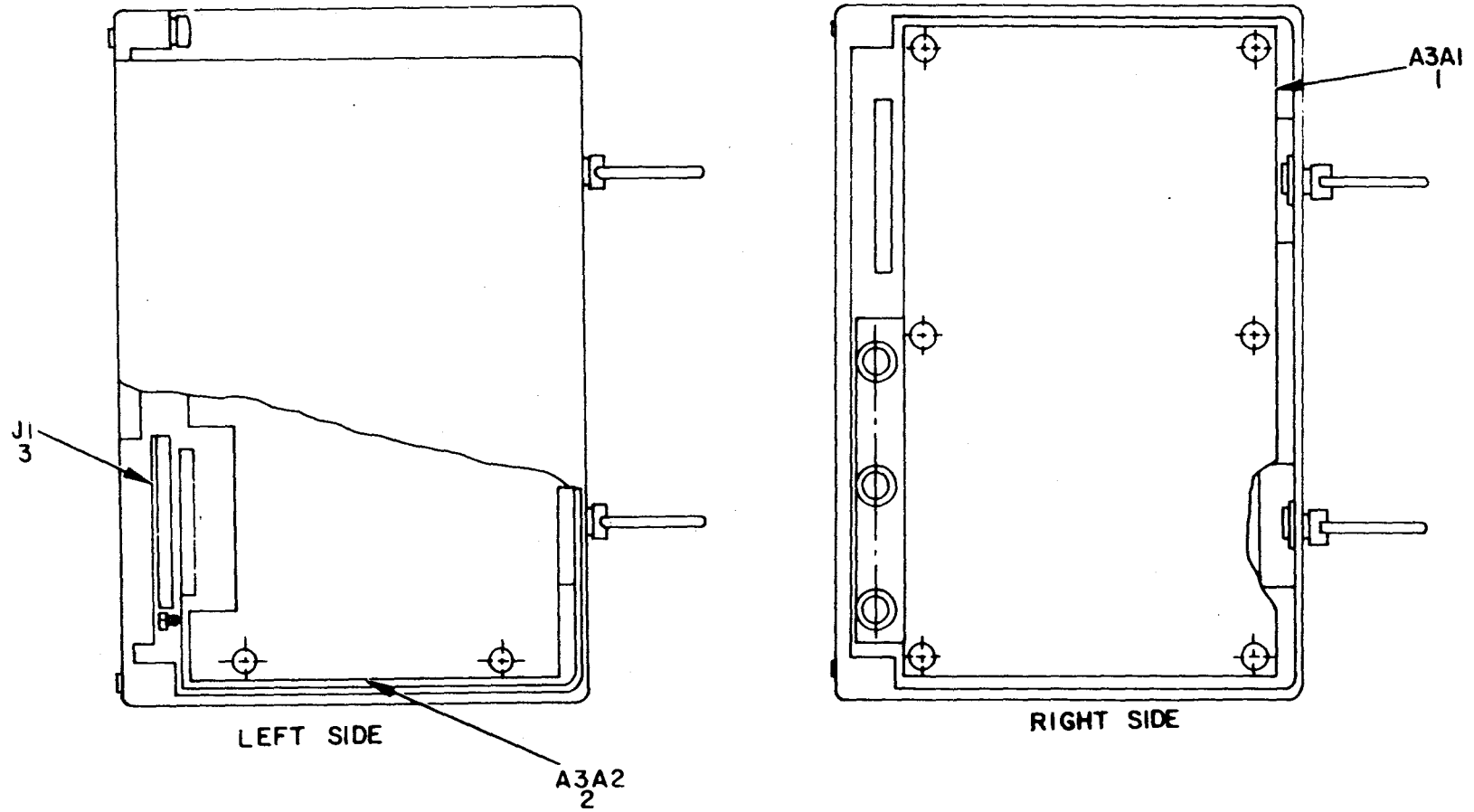


REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C7	4	R2	9	R8	13	R14	17
C2	1	C8	5	R3	8	R9	14	VR1	19
C3	2	CR1	6	R4	9	R10	15	VR2	19
C4	3	CR2	6	R5	10	R11	16	VR3	20
C5	3	CR3	7	R6	11	R12	17	VR4	20
C6	4	R1	8	R7	12	R13	18		

EL0LR009

Figure 8. Scope Module, printed circuit Board (Oscilloscope Bias)
A2A2.

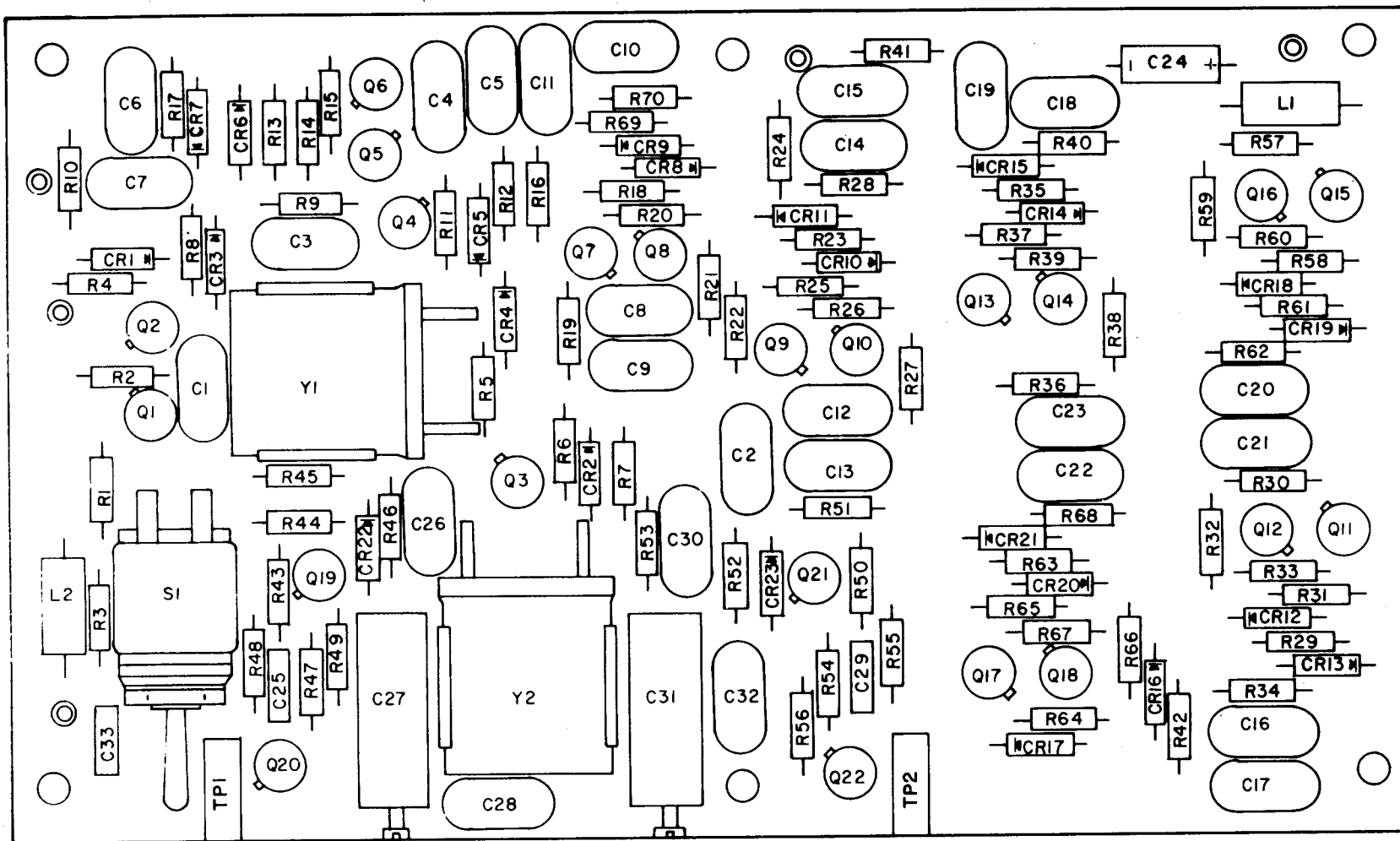
SECTION II				TM11-5805-387-24P-1					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION									
(a)	(b)	NATIONAL		DESCRIPTION					
FIG	ITEM	SMR	STOCK	PART		USABLE ON CODE	U\M	QTY	INC
NO.	NO.	CODE	NUMBER	NUMBER	FSCM			IN	UNIT
8	1	PADZZ	5910-00-725-4794	CM06F202503	81349	CAPACITOR, FIXED, MICA	EA	2	
8	2	PADZZ	5910-00-926-8053	SMB583225-2	80063	CAPACITOR, FIXED, PAPER	EA	1	
8	3	PADZZ	5910-00-849-4359	CP09A1KG153K3	81349	CAPACITOR, FIXED, PAPER	EA	2	
8	4	PADZZ	5910-00-926-8054	SMB583269	80063	CAPACITOR, FIXED, FILM	EA	2	
8	5	XDDZZ		CS13BF476M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1	
8	6	PADZZ	5961-00-829-0728	JAN1N561	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2	
8	7	PADZZ	5961-00-087-6047	JAN1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1	
8	8	PADZZ	5905-00-681-8817	RC07GF105J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
8	9	PADZZ	5905-00-926-2828	SMB583222-2	81349	RESISTOR, VARIABLE	EA	2	
8	10	PADZZ	5905-00-190-8865	RC20GF274J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
8	11	PADZZ	5905-00-171-2003	RC20GF204J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
8	12	PADZZ	5905-00-923-3580	SMB583222-1	80063	RESISTOR, VARIABLE	EA	1	
8	13	PADZZ	5905-00-279-2522	RC20GF154J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
8	14	PADZZ	5905-00-726-4413	RC07GF123J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
8	15	PADZZ	5905-00-279-2674	RC20GF201J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
8	16	PADZZ	5905-00-119-3505	RC07GF683J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
8	17	PADZZ	5905-00-113-4860	RC07GF270J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
8	18	PADZZ	5905-00-195-6453	RC20GF562J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
8	19	PADZZ	5961-00-850-9560	JAN1N9858	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2	
8	20	PADZZ	5961-00-892-0909	JAN1N9818	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2	



ELOROIO

Figure 9. Transmitter Module A3.

SECTION II		TM11-5805-387-24P-1						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(a)	(b)	NATIONAL	PART	DESCRIPTION				
FIG	ITEM	STOCK	NUMBER	FSCM	USABLE ON CODE	U\M	QTY	
NO.	NO.	NUMBER	NUMBER				INC	
	CODE						IN	
							UNIT	
GROUP 03 TRANSMITTER MODULE								
9	1	PADDL	5815-00-930-4465	SMD583112	80063	PRINTED CIRCUIT BOARD (TRANSMITTER OSCILLATOR DIVIDER)	EA	1
9	2	PADDL	5815-00-930-4466	SMP583116	80063	PRINTED CIRCUIT BOARD (TRANSMITTER MIXER AMPLIFIER)	EA	1
9	3	PADZZ	5935-00-930-7024	SMC58322-2	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1



ELOLR011

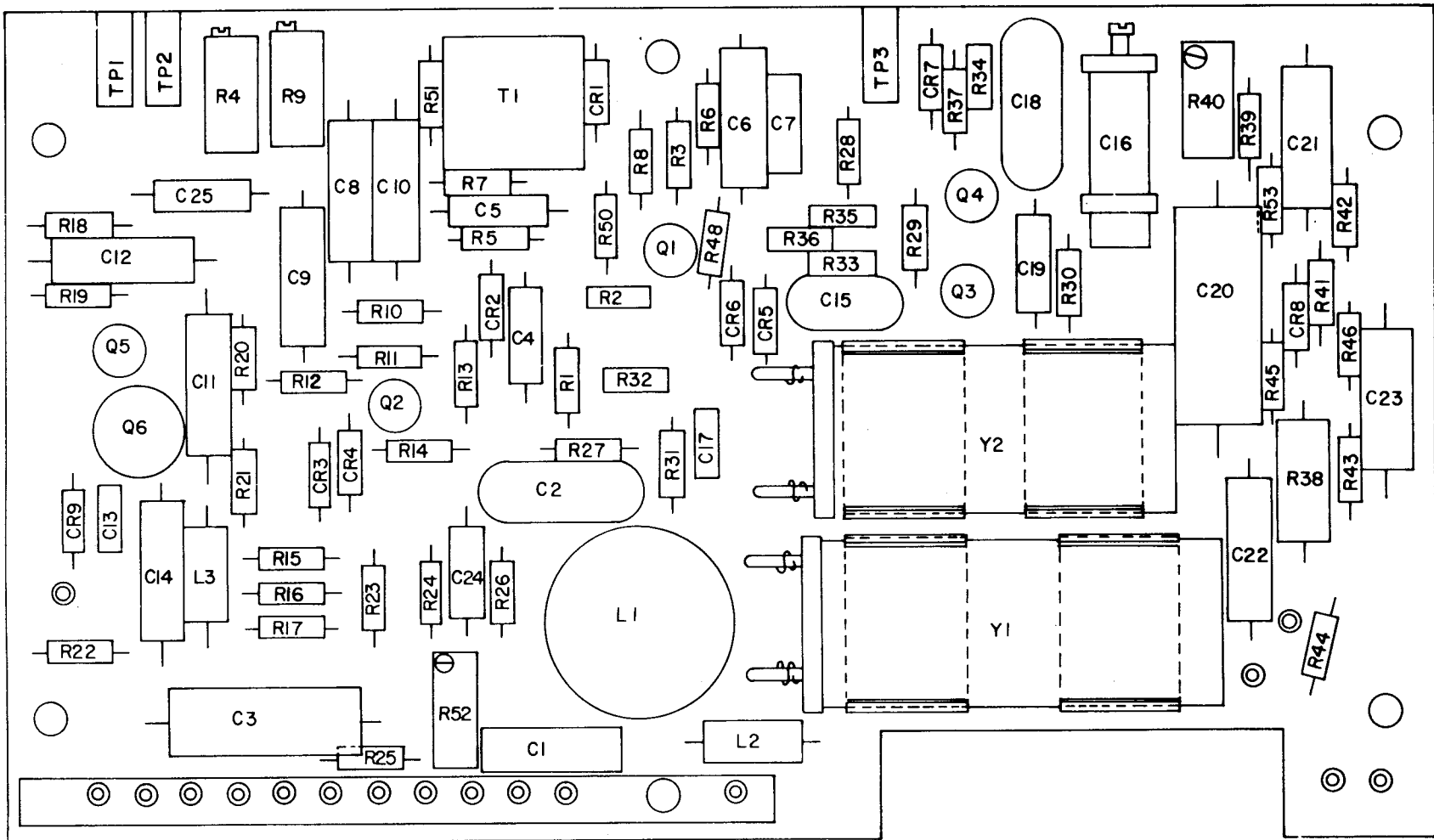
Figure 10. Transmitter Module, Printed Circuit Board (Transmitter Oscillator Divider) A3A1
(Sheet 1 of 2).

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	C21	3	CR8	10	Q1	13	Q21	13	R19	20	R39	20	R59	20
C2	1	C22	3	CR9	10	Q2	13	Q22	13	R20	20	R40	19	R60	20
C3	2	C23	3	CR10	10	Q3	13	R1	14	R21	20	R41	21	R61	19
C4	1	C24	4	CR11	10	Q4	13	R2	14	R22	20	R42	19	R62	19
C5	1	C25	5	CR12	10	Q5	13	R3	14	R23	19	R43	19	R63	19
C6	1	C26	6	CR13	10	Q6	13	R4	14	R24	21	R44	16	R64	20
C7	1	C27	7	CR14	10	Q7	13	R5	15	R25	20	R45	22	R65	20
C8	1	C28	8	CR15	10	Q8	13	R6	14	R26	20	R46	23	R66	20
C9	1	C29	5	CR16	10	Q9	13	R7	14	R27	20	R47	24	R67	20
C10	1	C30	6	CR17	10	Q10	13	R8	16	R28	19	R48	14	R68	19
C11	1	C31	7	CR18	10	Q11	13	R9	14	R29	19	R49	25	R69	19
C12	1	C32	8	CR19	10	Q12	13	R10	17	R30	20	R50	19	R70	19
C13	1	C33	9	CR20	10	Q13	13	R11	18	R31	20	R51	16	S1	26
C14	1	CR1	10	CR21	10	Q14	13	R12	14	R32	20	R52	22	Y1	27
C15	1	CR2	10	CR22	10	Q15	13	R13	19	R33	20	R53	23	Y2	28
C16	3	CR3	10	CR23	10	Q16	13	R14	20	R34	19	R54	24		
C17	3	CR4	10	TPI	11	Q17	13	R15	20	R35	19	R55	14		
C18	3	CR5	10	TP2	11	Q18	13	R16	14	R36	20	R56	25		
C19	3	CR6	10	L1	12	Q19	13	R17	19	R37	20	R57	20		
C20	3	CR7	10	L2	12	Q20	13	R18	20	R38	20	R58	20		

ELOLR012

Figure 10. Transmitter Module, printed Circuit Board (Transmitter Oscillator Divider) A3A1 (Sheet 2 of 2).

SECTION II				TM11-5805-387-24P-1					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION									
(a)	(b)	NATIONAL		DESCRIPTION				(8)	
FIG	ITEM	SMR	STOCK	PART	FSCM	USABLE ON CODE	U\M	QTY	INC
NO.	NO.	CODE	NUMBER	NUMBER				IN	UNIT
10	1	PADZZ	5910-00-957-2054	CM05E330G03	81349		EA	14	
10	2	PADZZ	5910-00-957-9909	CM05F391G03	81349		EA	1	
10	3	PADZZ	5910-00-954-5500	CM05F151G03	81349		EA	8	
10	4	PADZZ	5910-00-787-2109	CS13BF105K	81349		EA	1	
10	5	PADZZ	5910-00-847-7288	CK06CW103K	81349		EA	2	
10	6	PADZZ	5910-00-702-8057	CM05F331G03	81349		EA	2	
10	7	PADZZ	5910-00-954-9793	PC41H120	81349		EA	2	
10	8	XDDZZ		CM05C120K03	81349		EA	2	
10	9	PADZZ	5910-00-143-0501	CK06CW472K	81349		EA	1	
10	10	PADZZ	5961-00-814-0768	JAN1N3064	81349		EA	23	
10	11	PADZZ	5935-00-089-4856	SMB583231	80063		EA	2	
10	12	PADZZ	5950-00-926-3154	MS90537-41	96906		EA	2	
10	13	PADZZ	5961-00-883-9495	2N706B	81349		EA	22	
10	14	PADZZ	5905-00-683-2238	RC07GF103J	81349		EA	11	
10	15	PADZZ	5905-00-681-9970	RC07GF822J	81349		EA	1	
10	16	PADZZ	5905-00-686-9998	RC07GF472J	81349		EA	3	
10	17	PADZZ	5905-00-682-4098	RC07GF392J	81349		EA	1	
10	18	PADZZ	5905-00-686-3838	RC07GF273J	81349		EA	1	
10	19	PADZZ	5905-00-686-3129	RC07GF104J	81349		EA	17	
10	20	PADZZ	5905-00-687-0000	RC07GF183J	81349		EA	26	
10	21	PADZZ	5905-00-682-4103	RC07GF513J	81349		EA	2	
10	22	PADZZ	5905-00-686-9997	RC07GF682J	81349		EA	2	
10	23	PADZZ	5905-00-681-6462	RC07GF102J	81349		EA	2	
10	24	PADZZ	5905-00-686-3356	RC07GF823J	81349		EA	2	
10	25	PADZZ	5905-00-683-7721	RC07GF101J	81349		EA	2	
10	26	PADZZ	5930-00-892-9714	MS24656-231	96906		EA	1	
10	27	PADZZ	5955-00-930-4455	SMC583191-2	80063		EA	1	
10	28	PADZZ	5955-00-930-4454	SMC583191-1	80063		EA	1	



EL0LRO13

Figure 11. Transmitter Module, Printed Circuit Board (Transmitter Mixer Amplifier) A3A2
(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	C21	12	Q1	21	R15	33	R35	24
C2	2	C22	13	Q2	21	R16	29	R36	36
C3	3	C23	14	Q3	22	R17	29	R37	39
C4	4	C24	4	Q4	22	R18	24	R38	40
C5	4	C25	4	Q5	21	R19	32	R39	41
C6	5	CR1	15	Q6	23	R20	31	R40	42
C7	4	CR2	15	R1	24	R21	27	R41	43
C8	5	CR3	15	R2	25	R22	34	R42	24
C9	5	CR4	15	R3	24	R23	32	R43	43
C10	6	CR5	16	R4	26	R24	35	R44	44
C11	5	CR6	16	R5	27	R25	36	R45	36
C12	6	CR7	16	R6	28	R26	37	R46	45
C13	7	CR8	15	R7	24	R27	27	R48	46
C14	5	CR9	15	R8	29	R28	24	R50	47
C15	8	TP1	17	R9	30	R29	38	R51	48
C16	9	TP2	17	R10	24	R30	35	R52	49
C17	7	TP3	17	R11	31	R31	27	R53	48
C18	10	L1	18	R12	27	R32	27	T1	50
C19	4	L2	19	R13	32	R33	33	Y1	51
C20	11	L3	20	R14	24	R34	24	Y2	52

ELOLR014

Figure 11. Transmitter Module, Printed Circuit Board (Transmitter Mixer Amplifier) A3A2 (Sheet 2 of 2).

SECTION II				TM11-5805-387-24P-1					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION		NATIONAL		DESCRIPTION					
(a)	(b)	STOCK	PART						
FIG	ITEM	NUMBER	NUMBER	FSCM					QTY
NO.	NO.	SMR	CODE		USABLE ON CODE	U\M	INC	IN	
								UNIT	
11	1	PADZZ	5910-00-926-8052	SM8583226	80063	CAPACITOR, FIXED, PLASTIC		EA	1
11	2	PADZZ	5910-00-067-9091	CM06F911G03	81349	CAPACITOR, FIXED, MICA		EA	1
11	3	PADZZ	5910-00-779-8390	CS13BF226K	81349	CAPACITOR, FIXED, ELECTROLYTIC		EA	1
11	4	PADZZ	5910-00-787-2109	CS13BF105K	81349	CAPACITOR, FIXED, ELECTROLYTIC		EA	6
11	5	PADZZ	5910-00-783-9403	CS13BD226K	81349	CAPACITOR, FIXED, ELECTROLYTIC		EA	5
11	6	PADZZ	5910-00-926-8219	CS13BB476K	81349	CAPACITOR, FIXED, ELECTROLYTIC		EA	2
11	7	PADZZ	5910-00-847-7288	CK06CW103K	81349	CAPACITOR, FIXED, CERAMIC		EA	2
11	8	PADZZ	5910-00-832-8080	CM05C05003	81349	CAPACITOR, FIXED, MICA		EA	1
11	9	PADZZ	5910-00-954-9793	PC41H120	81349	CAPACITOR, VARIABLE, GLASS		EA	1
11	10	PADZZ	5910-00-045-5432	CM06GF681G03	81349	CAPACITOR, FIXED, MICA		EA	1
11	11	XDDZZ		CS138F476M	81349	CAPACITOR, FIXED, ELECTROLYTIC		EA	1
11	12	PADZZ	5910-00-904-5644	CS13BF1056M	81349	CAPACITOR, FIXED, ELECTROLYTIC		EA	1
11	13	PADZZ	5910-00-784-7714	CS13BC336K	81349	CAPACITOR, FIXED, ELECTROLYTIC		EA	1
11	14	PADZZ	5910-00-904-3985	CS13BF685M	81349	CAPACITOR, FIXED, ELECTROLYTIC		EA	1
11	15	XDDZZ		JAN1N3666M2	81349	SEMICONDUCTOR DEVICE, DIODE		EA	6
11	16	PADZZ	5961-00-814-0768	JAN1N3064	81349	SEMICONDUCTOR DEVICE, DIODE		EA	3
11	17	PADZZ	5935-00-089-4856	SMB583231	80063	JACK, HORIZONTAL		EA	3
11	18	PADZZ	5950-00-930-4701	SMA583188	80063	REACTOR, AUDIO		EA	1
11	19	PADZZ	5950-00-926-3155	MS90537-29	96906	COIL, RADIO FREQUENCY		EA	1
11	20	PADZZ	5950-00-921-3413	MS90537-61	96906	COIL, RADIO FREQUENCY		EA	1
11	21	PADZZ	5961-00-883-9495	2N706B	81349	TRANSISTOR		EA	3
11	22	PADZZ	5961-00-226-8579	JAN2N930	81349	TRANSISTOR		EA	2
11	23	PADZZ	5961-00-813-9360	JAN2N1613	81349	TRANSISTOR		EA	1
11	24	PADZZ	5905-00-683-2238	RC07GF103J	81349	RESISTOR, FIXED, COMPOSITION		EA	
11	25	PADZZ	5905-00-687-0000	RC07GF183J	81349	RESISTOR, FIXED, COMPOSITION		EA	1
11	26	PADZZ	5905-00-078-8384	SMB583221-4	80063	RESISTOR, VARIABLE		EA	1
11	27	PADZZ	5905-00-686-9998	RC07GF472J	81349	RESISTOR, FIXED, COMPOSITION		EA	6
11	28	PADZZ	5905-00-683-7723	RC07GF152J	81349	RESISTOR, FIXED, COMPOSITION		EA	1
11	29	PADZZ	5905-00-687-0002	RC07GF223J	81349	RESISTOR, FIXED, COMPOSITION		EA	3
11	30	PADZZ	5905-00-926-0316	3250W66-501	80294	RESISTOR, VARIABLE, WIRE WOUND		EA	1
11	31	PADZZ	5905-00-686-3838	RC07GF273J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
11	32	PADZZ	5905-00-681-6462	RC07GF102J	81349	RESISTOR, FIXED, COMPOSITION		EA	3
11	33	PADZZ	5905-00-723-5251	RC07GF222J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
11	34	PADZZ	5905-00-686-3798	RC07GF272J	81349	RESISTOR, FIXED, COMPOSITION		EA	1
11	35	PADZZ	5905-00-681-9969	RC07GF332J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
11	36	PADZZ	5905-00-686-9997	RC07GF682J	81349	RESISTOR, FIXED, COMPOSITION		EA	3
11	37	PADZZ	5905-00-801-6998	RC07GF621J	81349	RESISTOR, FIXED, COMPOSITION		EA	1

SECTION II		TM11-5805-387-24P-1						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(a)	(b)	NATIONAL		DESCRIPTION			QTY	
FIG	ITEM	SMR	STOCK	PART			INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	IN
								UNIT
11	38	PADZZ	5905-00-681-8855	RC07GF394J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
11	39	PADZZ	5905-00-681-8820	RC07GF244J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
11	40	PADZZ	5905-00-121-9861	RC32GF102J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
11	41	PADZZ	5905-00-683-7721	RC07GF101J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
11	42	PADZZ	5905-00-935-8522	SMB583221-1	80063	RESISTOR, VARIABLE, WIRE WOUND	EA	1
11	43	PADZZ	5905-00-727-8001	RC07GF681J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
11	44	PADZZ	5905-00-682-4099	RC07GF432J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
11	45	PADZZ	5905-00-105-7768	RC07GF561J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
11	46	PADZZ	5905-00-683-2240	RC07GF221J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
11	47	PADZZ	5905-00-683-2246	RC07GF473J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
11	48	PADZZ	5905-00-817-7971	RC07GF100J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
11	49	PADZZ	5905-00-053-8048	3250W1-502	80294	RESISTOR, VARIABLE, WIRE WOUND	EA	1
11	50	PADZZ	5950-00-930-4451	SMC583182	80063	TRANSFORMER, AUDIO FREQUENCY	EA	1
11	51	PADZZ	5955-00-930-4453	SMC583180	80063	CRYSTAL, QUARTZ	EA	1
11	52	PADZZ	5955-00-930-4456	SMC583192	80063	CRYSTAL, QUARTZ	EA	1

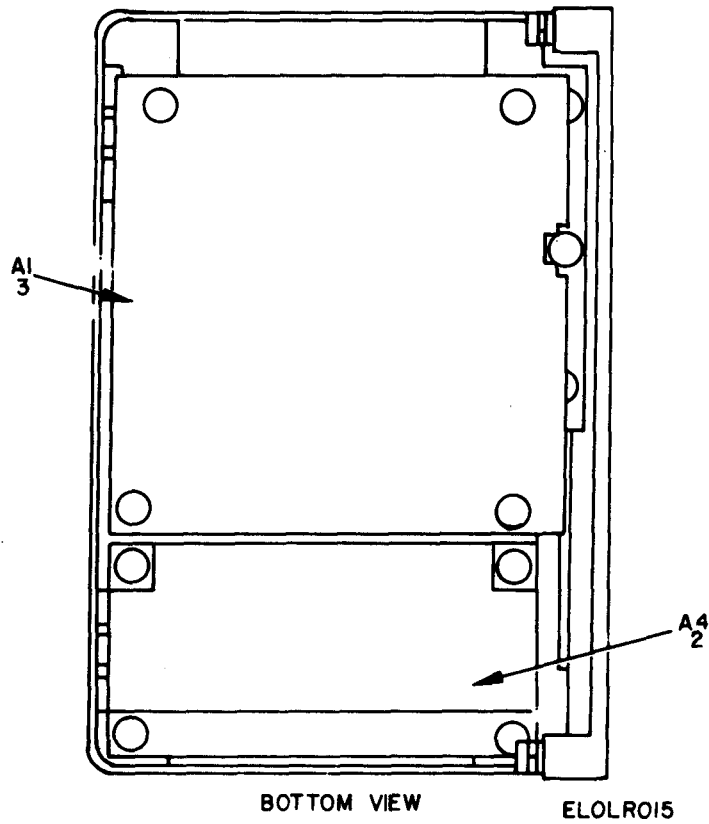
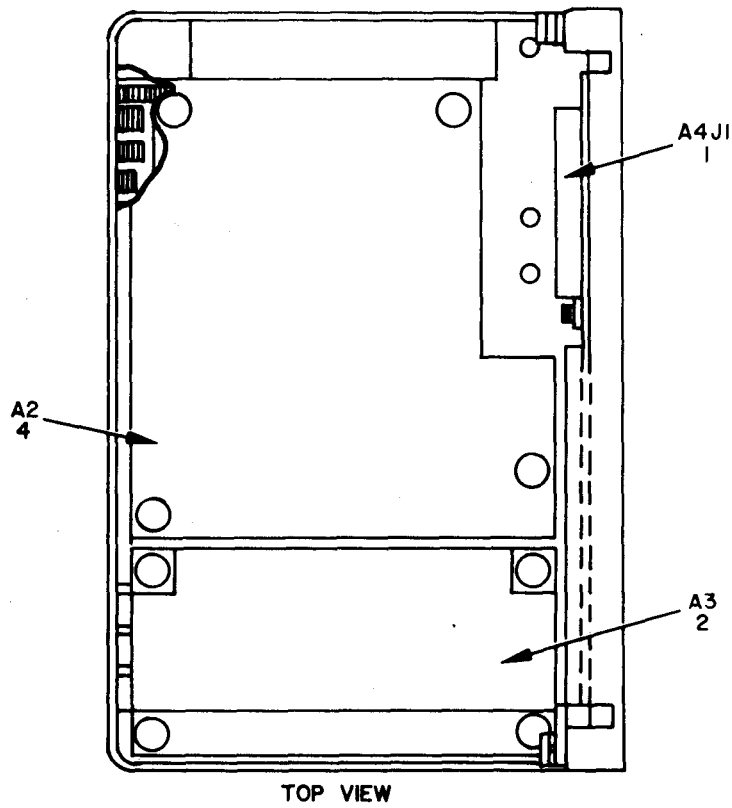
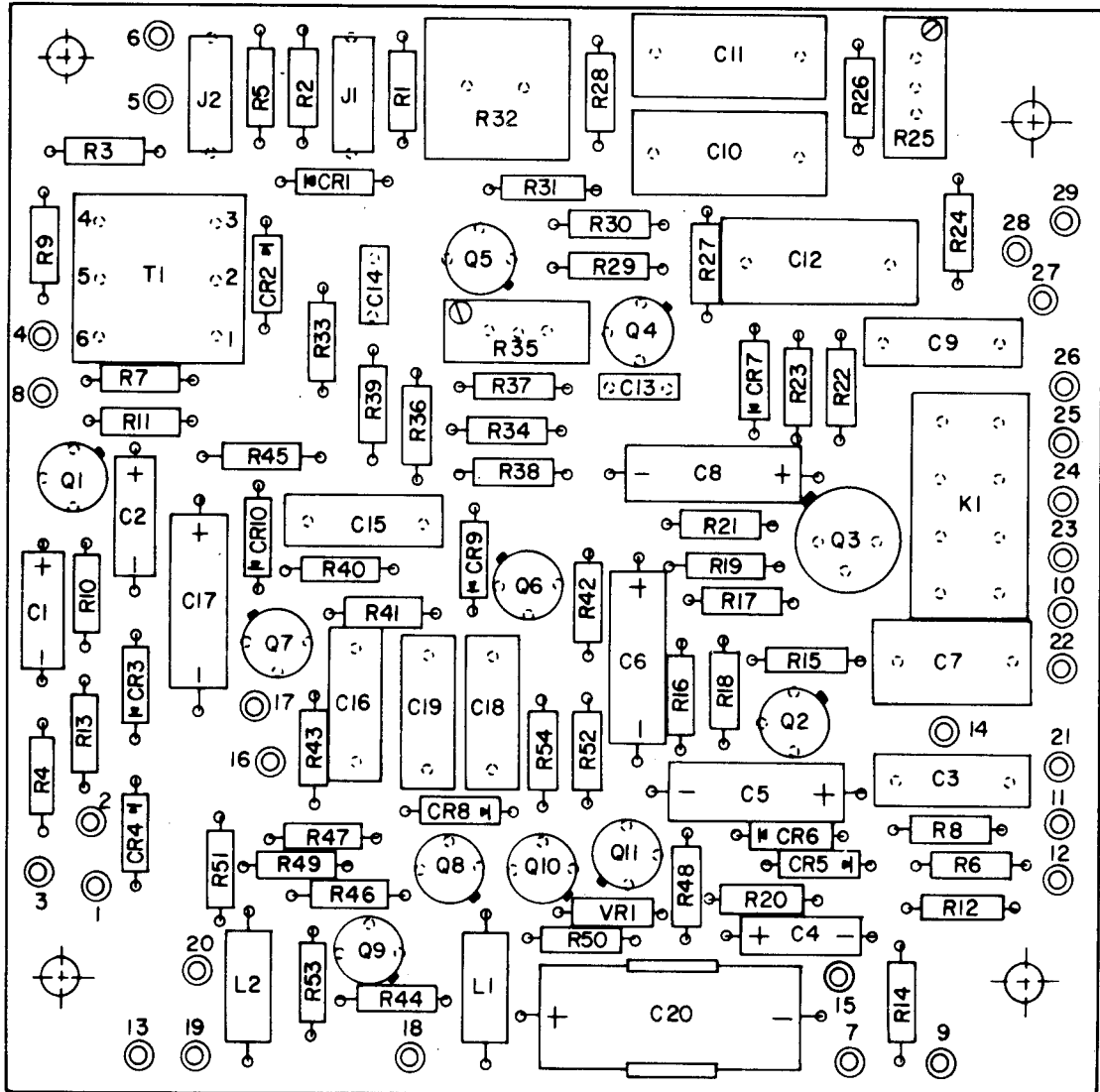


Figure 12. Receiver Module A4.

SECTION II									
(1)	(2)	(3)	(4)	(5)	TM11-5805-387-24P-1	(7)	(8)		
ILLUSTRATION									
(a)	(b)	NATIONAL		DESCRIPTION				QTY	
FIG	ITEM	SMR	STOCK	PART		USABLE ON CODE	U\M	INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM			IN	UNIT
GROUP 04 RECEIVER MODULE									
12	1	XDDZZ		SMC58322-2	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA		1
12	2	PADZZ	5999-00-930-4468	SMD583200	80063	PRINTED CIRCUIT BOARD (DISCRIMINATOR)	EA		2
12	3	PADDL	5975-00-930-4470	SMF583206	80063	PRINTED CIRCUIT BOARD (RECEIVER 850 C.P.S.)	EA		1
12	4	PADDL	5975-00-930-4469	SMF583203	80063	PRINTED CIRCUIT BOARD (DIVERSITY RECEIVER)	EA		1



ELOLR016

Figure 13. Receiver Module, Printed Circuit Board (Receiver 850 C.P..S.)
A4A1 (Sheet 1 of 2).

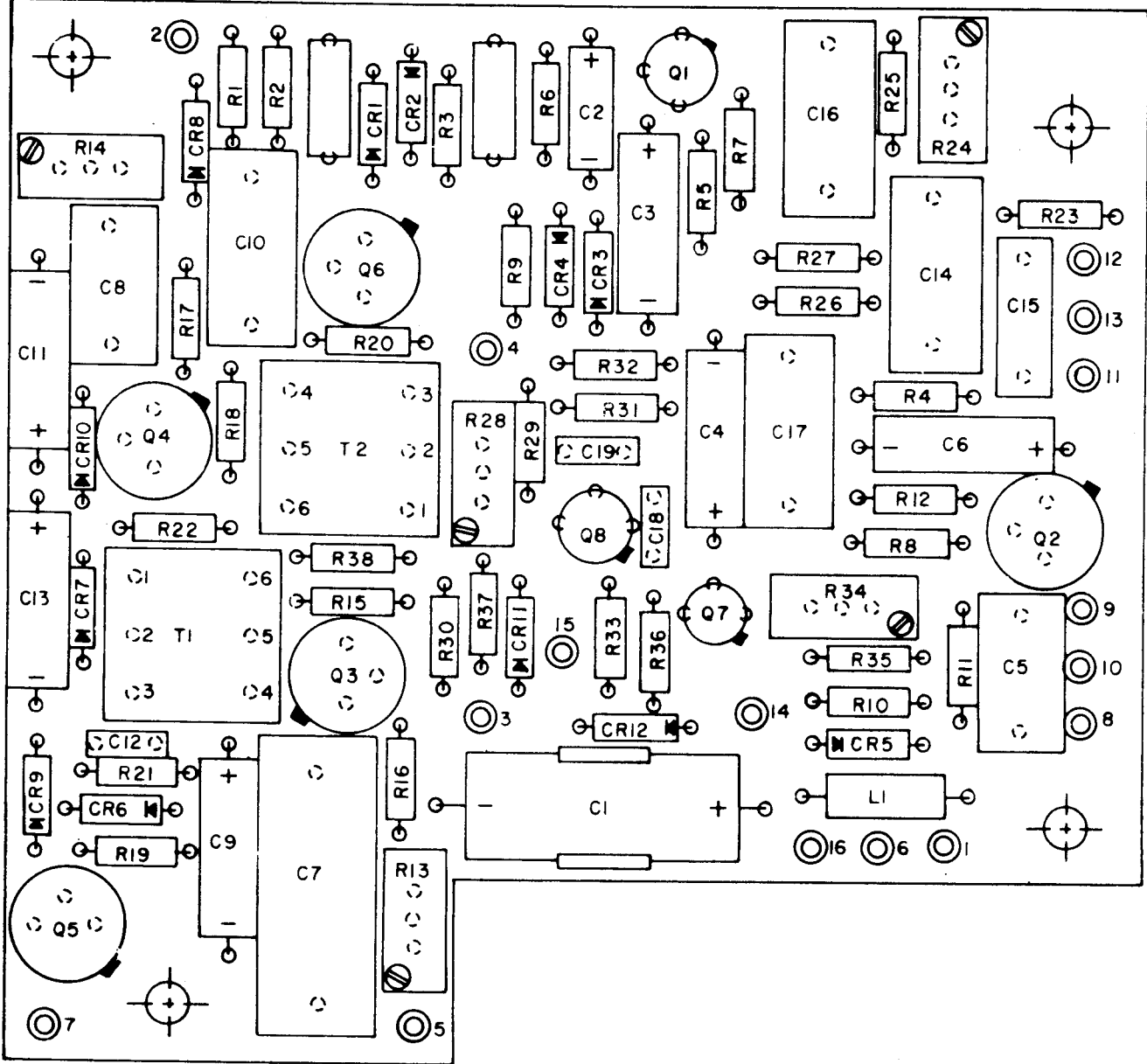
REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	CR1	11	Q8	16	R17	21	R37	38
C2	1	CR2	11	Q9	16	R18	29	R38	39
C3	2	CR3	12	Q10	16	R19	19	R39	39
C4	1	CR4	12	Q11	16	R20	19	R40	21
C5	3	CR5	12	R1	18	R21	30	R41	21
C6	3	CR6	12	R2	19	R22	19	R42	23
C7	4	CR7	13	R3	18	R23	31	R43	23
C8	5	CR8	12	R4	20	R24	28	R44	40
C9	6	CR9	12	R5	21	R25	32	R45	41
C10	7	CR10	12	R6	22	R26	28	R46	21
C11	7	K1	14	R7	23	R27	33	R47	21
C12	7	L1	15	R8	24	R28	33	R48	21
C13	8	L2	15	R9	25	R29	30	R49	21
C14	8	Q1	16	R10	26	R30	30	R50	21
C15	6	Q2	16	R11	27	R31	34	R51	21
C16	6	Q3	17	R12	21	R32	35	R52	21
C17	9	Q4	16	R13	21	R33	22	R53	41
C18	6	Q5	16	R14	28	R34	36	R54	21
C19	6	Q6	16	R15	21	R35	37	T1	42
C20	10	Q7	16	R16	26	R36	36	VRI	43

ELOLRO17

Figure 13. Receiver Module, Printed Circuit Board (Receiver 850 C.P.S.) A4A1 (Sheet 2 of 2).

SECTION II				TM11-5805-387-24P-1				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION		NATIONAL	PART	DESCRIPTION			QTY	
(a)	(b)	STOCK	NUMBER	FSCM		U\M	INC	
FIG	ITEM	NUMBER					IN	
NO.	NO.	SMR				USABLE ON CODE	UNIT	
13	1	PADZZ	5910-00-787-2109	CS13BF105K	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
13	2	PADZZ	5910-00-926-8052	SMB583226	80063	CAPACITOR, FIXED, PLASTIC	EA	1
13	3	PADZZ	5910-00-936-7393	CS13BF335M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
13	4	PADZZ	5910-00-930-5480	SMB583227	80063	CAPACITOR, FIXED, PLASTIC	EA	1
13	5	PADZZ	5910-00-783-9403	CS13BD226K	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
13	6	PADZZ	5910-00-930-5478	SMB583224-1	80063	CAPACITOR, FIXED, PAPER	EA	5
13	7	PADZZ	5910-00-930-5476	SMB583224-3	80063	CAPACITOR, FIXED, PAPER	EA	3
13	8	PADZZ	5910-00-897-7895	CK06CW103K	96733	CAPACITOR, FIXED, CERAMIC	EA	2
13	9	PADZZ	5910-00-904-5644	CS13BF1056M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
13	10	PADZZ	5910-00-236-8745	CS13BE107M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
13	11	XDDZZ		JAN1N3666M2	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
13	12	PADZZ	5961-00-814-0768	JAN1N3064	81349	SEMICONDUCTOR DEVICE, DIODE	EA	7
13	13	PADZZ	5961-00-087-6047	JAN1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
13	14	PADZZ	5945-00-904-8319	M5757-9-003	81349	RELAY	EA	1
13	15	PADZZ	5950-00-926-3154	MS90537-41	96906	COIL, RADIO FREQUENCY	EA	2
13	16	PADZZ	5961-00-883-9495	2N706B	81349	TRANSISTOR	EA	10
13	17	PADZZ	5961-00-813-9360	JAN2N1613	81349	TRANSISTOR	EA	1
13	18	PADZZ	5905-00-727-8001	RC07GF681J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
13	19	PADZZ	5905-00-723-5251	RC07GF222J	81349	RESISTOR, FIXED, COMPOSITION	EA	4
13	20	PADZZ	5905-00-686-3369	RC07GF331J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
13	21	PADZZ	5905-00-683-2238	RC07GF103J	81349	RESISTOR, FIXED, COMPOSITION	EA	15
13	22	PADZZ	5905-00-681-8818	RC07GF153J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
13	23	PADZZ	5905-00-686-9998	RC07GF472J	81349	RESISTOR, FIXED, COMPOSITION	EA	3
13	24	PADZZ	5905-00-120-9154	RC07GF471J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
13	25	PADZZ	5905-00-688-3738	RC07GF182J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
13	26	PADZZ	5905-00-686-3129	RC07GF104J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
13	27	PADZZ	5905-00-817-7971	RC07GF100J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
13	28	PADZZ	5905-00-683-7723	RC07GF152J	81349	RESISTOR, FIXED, COMPOSITION	EA	3
13	29	PADZZ	5905-00-691-0195	RC07GF562J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
13	30	PADZZ	5905-00-687-0000	RC07GF183J	81349	RESISTOR, FIXED, COMPOSITION	EA	3
13	31	PADZZ	5905-00-683-2240	RC07GF221J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
13	32	PADZZ	5905-00-053-8048	3250W1-502	80294	RESISTOR, VARIABLE, WIRE WOUND	EA	1
13	33	PADZZ	5905-00-686-9994	RC07GF122J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
13	34	PADZZ	5905-00-686-9997	RC07GF682J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
13	35	PADZZ	5905-00-067-7338	RT22C2P502	81349	RESISTOR, VARIABLE, WIRE WOUND	EA	1
13	36	PADZZ	5905-00-687-0002	RC07GF223J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
13	37	PADZZ	5905-00-781-8683	SMB583220-1	80063	RESISTOR, VARIABLE	EA	1
13	38	PADZZ	5905-00-681-6462	RC07GF102J	81349	RESISTOR, FIXED, COMPOSITION	EA	1

SECTION II							TM11-5805-387-24P-1		
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	
ILLUSTRATION									
(a)	(b)		NATIONAL	PART	DESCRIPTION			QTY	
FIG	ITEM	SMR	STOCK	NUMBER				INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	IN	
								UNIT	
13	39	PADZZ	5905-00-686-3903	RC07GF333J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
13	40	PADZZ	5905-00-683-2246	RC07GF473J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
13	41	PADZZ	5905-00-681-9970	RC07GF822J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
13	42	PADZZ	5950-00-930-4451	SMC583182	80063	TRANSFORMER, AUDIO FREQUENCY	EA	1	
13	43	PADZZ	5961-00-894-0684	JAN1N758A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1	



ELOLRO18

Figure 14. Receiver Module, Printed Circuit Board (Diversity Receiver)
A4A2 (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	C11	5	CR2	12	CR12	12	R1	20	R11	25	R21	32	R31	26
C2	2	C12	10	CR3	12	L1	15	R2	21	R12	27	R22	32	R32	26
C3	3	C13	5	CR4	12	Q1	16	R3	21	R13	28	R23	21	R33	35
C4	3	C14	9	CR5	13	Q2	17	R4	22	R14	28	R24	28	R34	36
C5	4	C15	11	CR6	12	Q3	18	R5	23	R15	29	R25	21	R35	37
C6	5	C16	9	CR7	12	Q4	18	R6	22	R16	30	R26	33	R36	38
C7	6	C17	9	CR8	14	Q5	17	R7	24	R17	30	R27	33	R37	38
C8	7	C18	10	CR9	12	Q6	19	R8	25	R18	29	R28	28	R38	39
C9	8	C19	10	CR10	12	Q7	16	R9	25	R19	31	R29	34	T1	40
C10	9	CR1	12	CR11	12	Q8	16	R10	26	R20	31	R30	35	T2	40

ELOLR019

Figure 14. Receiver Module, Printed Circuit Board (Diversity Receiver)
A4A2 (Sheet 2 of 2).

SECTION II				TM11-5805-387-24P-1					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION		NATIONAL		DESCRIPTION					
(a)	(b)	STOCK	PART						
FIG	ITEM	NUMBER	NUMBER	FSCM					QTY
NO.	NO.	SMR	CODE		USABLE ON CODE	U\M	INC	IN	
							UNIT		
14	1	XDDZZ		CS13BF476M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1	
14	2	PADZZ	5910-00-787-2109	CS13BF105K	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1	
14	3	PADZZ	5910-00-936-7393	CS13BF335M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2	
14	4	PADZZ	5910-00-930-5480	SMB583227	80063	CAPACITOR, FIXED, PLASTIC	EA	1	
14	5	PADZZ	5910-00-783-9403	CS13BD226K	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3	
14	6	PADZZ	5910-00-930-5477	SMB583224-4	80063	CAPACITOR, FIXED, PAPER	EA	1	
14	7	PADZZ	5910-00-926-8049	SMB583224-2	80063	CAPACITOR, FIXED, PAPER	EA	1	
14	8	PADZZ	5910-00-782-1973	CS13BE106K	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1	
14	9	PADZZ	5910-00-930-5476	SMB583224-3	80063	CAPACITOR, FIXED, PAPER	EA	4	
14	10	PADZZ	5910-00-897-7895	CK06CW103K	96733	CAPACITOR, FIXED, CERAMIC	EA	3	
14	11	PADZZ	5910-00-930-5478	SMB583224-1	80063	CAPACITOR, FIXED, PAPER	EA	1	
14	12	PADZZ	5961-00-814-0768	JAN1N3064	81349	SEMICONDUCTOR DEVICE, DIODE	EA	10	
14	13	PADZZ	5961-00-087-6047	JAN1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1	
14	14	PADZZ	5961-00-853-2607	JAN1N933	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1	
14	15	PADZZ	5950-00-926-3154	MS90537-41	96906	COIL, RADIO FREQUENCY	EA	1	
14	16	PADZZ	5961-00-883-9495	2N706B	81349	TRANSISTOR	EA	3	
14	17	PADZZ	5961-00-813-9360	JAN2N1613	81349	TRANSISTOR	EA	2	
14	18	PADZZ	5961-00-050-7499	JAN2N2219	81349	TRANSISTOR	EA	2	
14	19	PADZZ	5961-00-081-8365	JAN2N1131	81349	TRANSISTOR	EA	1	
14	20	PADZZ	5905-00-686-9996	RC07GF821J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
14	21	PADZZ	5905-00-683-7723	RC07GF152J	81349	RESISTOR, FIXED, COMPOSITION	EA	4	
14	22	PADZZ	5905-00-683-2238	RC07GF103J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
14	23	PADZZ	5905-00-686-3129	RC07GF104J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
14	24	PADZZ	5905-00-691-0195	RC07GF562J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
14	25	PADZZ	5905-00-723-5251	RC07GF222J	81349	RESISTOR, FIXED, COMPOSITION	EA	3	
14	26	PADZZ	5905-00-687-0000	RC07GF183J	81349	RESISTOR, FIXED, COMPOSITION	EA	3	
14	27	PADZZ	5905-00-683-2240	RC07GF221J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
14	28	PADZZ	5905-00-053-8048	3250W1-502	80294	RESISTOR, VARIABLE, WIRE WOUND	EA	4	
14	29	PADZZ	5905-00-682-4104	RC07GF623J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
14	30	PADZZ	5905-00-682-4101	RC07GF752J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
14	31	PADZZ	5905-00-683-2236	RC07GF391J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
14	32	PADZZ	5905-00-686-3368	RC07GF203J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
14	33	PADZZ	5905-00-686-9994	RC07GF122J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
14	34	PADZZ	5905-00-686-9998	RC07GF472J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
14	35	PADZZ	5905-00-687-0002	RC07GF223J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	
14	36	PADZZ	5905-00-781-8683	SMB583220-1	80063	RESISTOR, VARIABLE	EA	1	
14	37	PADZZ	5905-00-681-6462	RC07GF102J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
14	38	PADZZ	5905-00-686-3903	RC07GF333J	81349	RESISTOR, FIXED, COMPOSITION	EA	2	

SECTION II										TM11-5805-387-24P-1	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)				
ILLUSTRATION											
(a)	(b)	NATIONAL		PART		DESCRIPTION					
FIG	ITEM	SMR	STOCK	NUMBER	PART						
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	QTY			
								IN			
								UNIT			
14	39	PADZZ	5905-00-681-8818	RC07GF153J	81349	RESISTOR, FIXED, COMPOSITION	EA	1			
14	40	PADZZ	5950-00-930-4452	324-5A	70074	TRANSFORMER	EA	2			

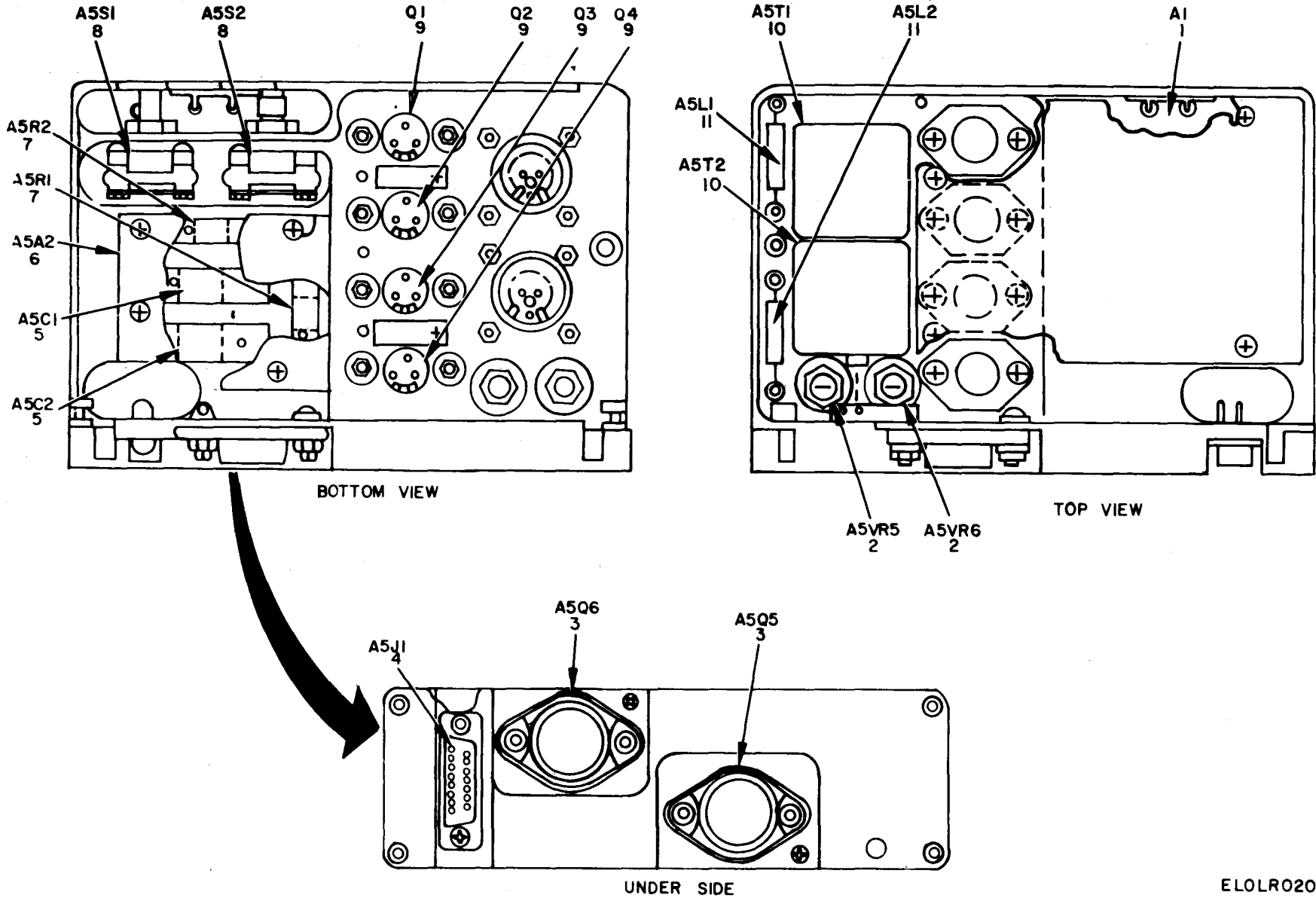
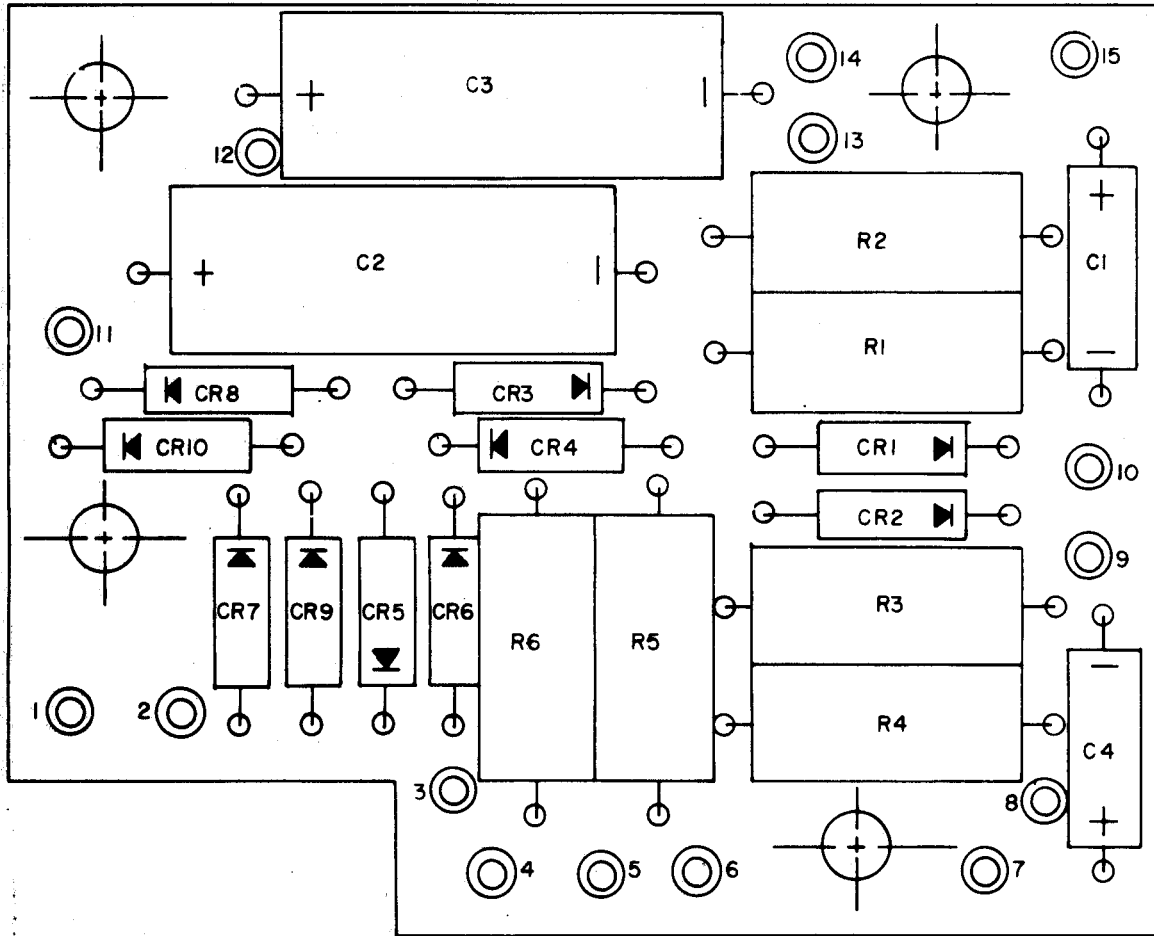


Figure 15. Loop Battery Module A5.

EL0LR020

SECTION II				TM11-5805-387-24P-1					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION									
(a)	(b)	NATIONAL		DESCRIPTION				(8)	
FIG	ITEM	SMR	STOCK	PART	FSCM	USABLE ON CODE	U\M	QTY	INC
NO.	NO.	CODE	NUMBER	NUMBER				IN	UNIT
GROUP 05 LOOP BATTERY MODULE									
15	1	PADDL	5815-00-937-4298	SMD583425	80063				
							EA	1	
15	2	PADZZ	5961-00-865-2063	JAN1N2970B	81349				
							EA	2	
15	3	PADZZ	5961-00-712-5578	SMB583282	80063				
							EA	2	
15	4	PADZZ	5935-00-930-7025	SMC583223-1	80063				
							EA	1	
15	5	PADZZ	5910-00-127-1429	CL37BR5LN3	81349				
							EA	2	
15	6	PADDL	5815-00-926-3260	SMD583428	80063				
							EA	1	
15	7	PADZZ	5905-00-926-8470	RWP21F1102F	81349				
							EA	2	
15	8	XDDZZ		SMC583002	80063				
							EA	2	
15	9	PADZZ	5961-00-889-4120	JAN2N1486	81349				
							EA	4	
15	10	PADZZ	5950-00-937-3988	SMC583478	80063				
							EA	2	
15	11	PADZZ	5950-00-079-6045	MS91189-29	96906				
							EA	2	

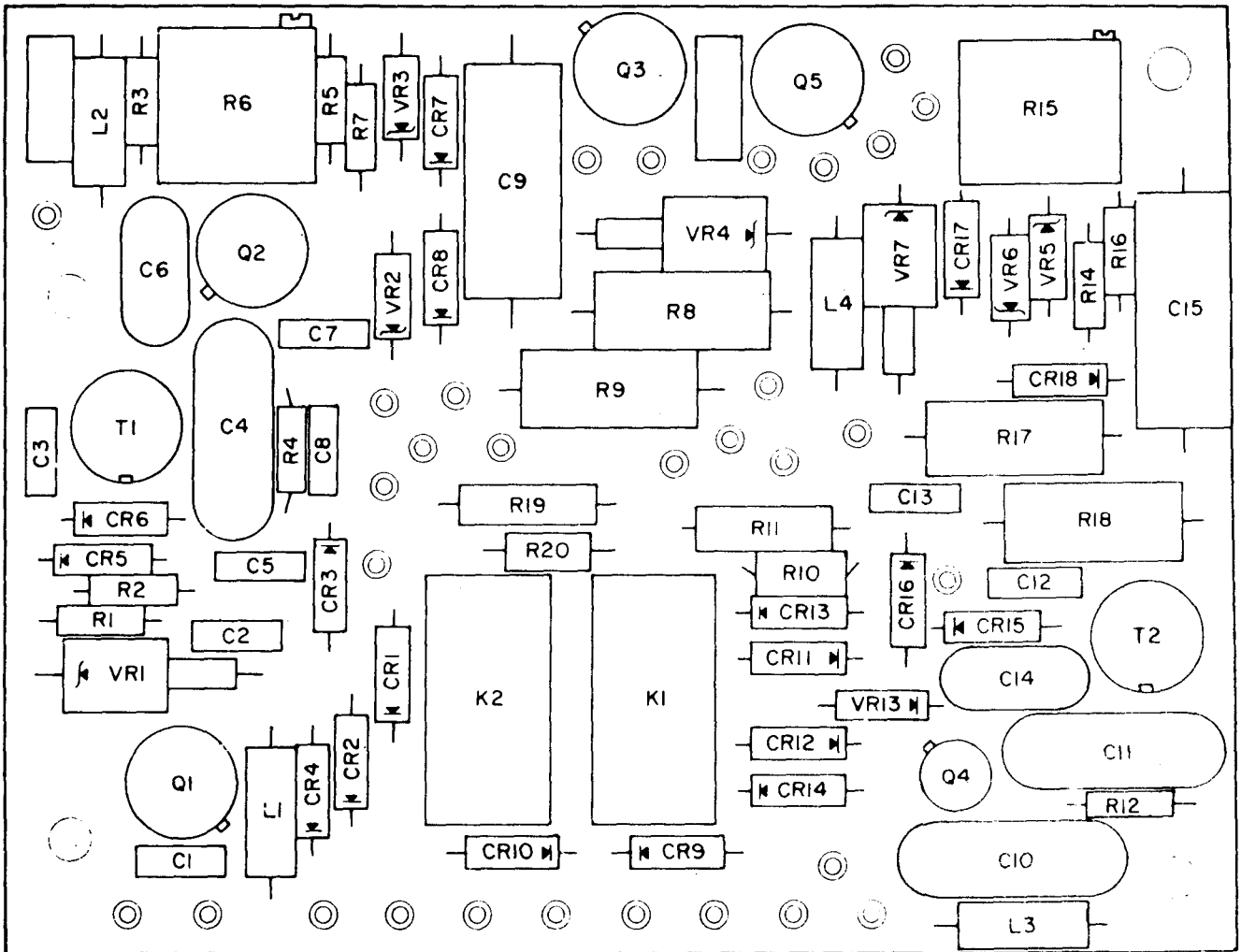


REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	CR2	3	CR7	3	R2	5
C2	2	CR3	3	CR8	3	R3	4
C3	2	CR4	3	CR9	3	R4	5
C4	1	CR5	3	CR10	3	R5	6
CR1	3	CR6	3	R1	4	R6	6

EL0LR021

Figure 16. Loop Battery Module, Printed Circuit Board (DC-DC Converter) A5A1.

SECTION II							TM11-5805-387-24P-1	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(a)	(b)	NATIONAL		DESCRIPTION				
FIG	ITEM	SMR	STOCK	PART			QTY	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE U\M	INC	
							IN	
							UNIT	
16	1	PADZZ	5910-00-936-1521	CS13BC475M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
16	2	XDDZZ		CS13BF476M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
16	3	PADZZ	5961-00-087-6047	JAN1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	10
16	4	PADZZ	5905-00-081-6135	RW69V200	81349	RESISTOR, FIXED, WIRE WOUND	EA	2
16	5	PADZZ	5905-00-975-1140	RW69V911	81349	RESISTOR, FIXED, WIRE WOUND	EA	2
16	6	PADZZ	5905-00-080-5899	RW69V101	81349	RESISTOR, FIXED, WIRE WOUND	EA	2



EL0LR022

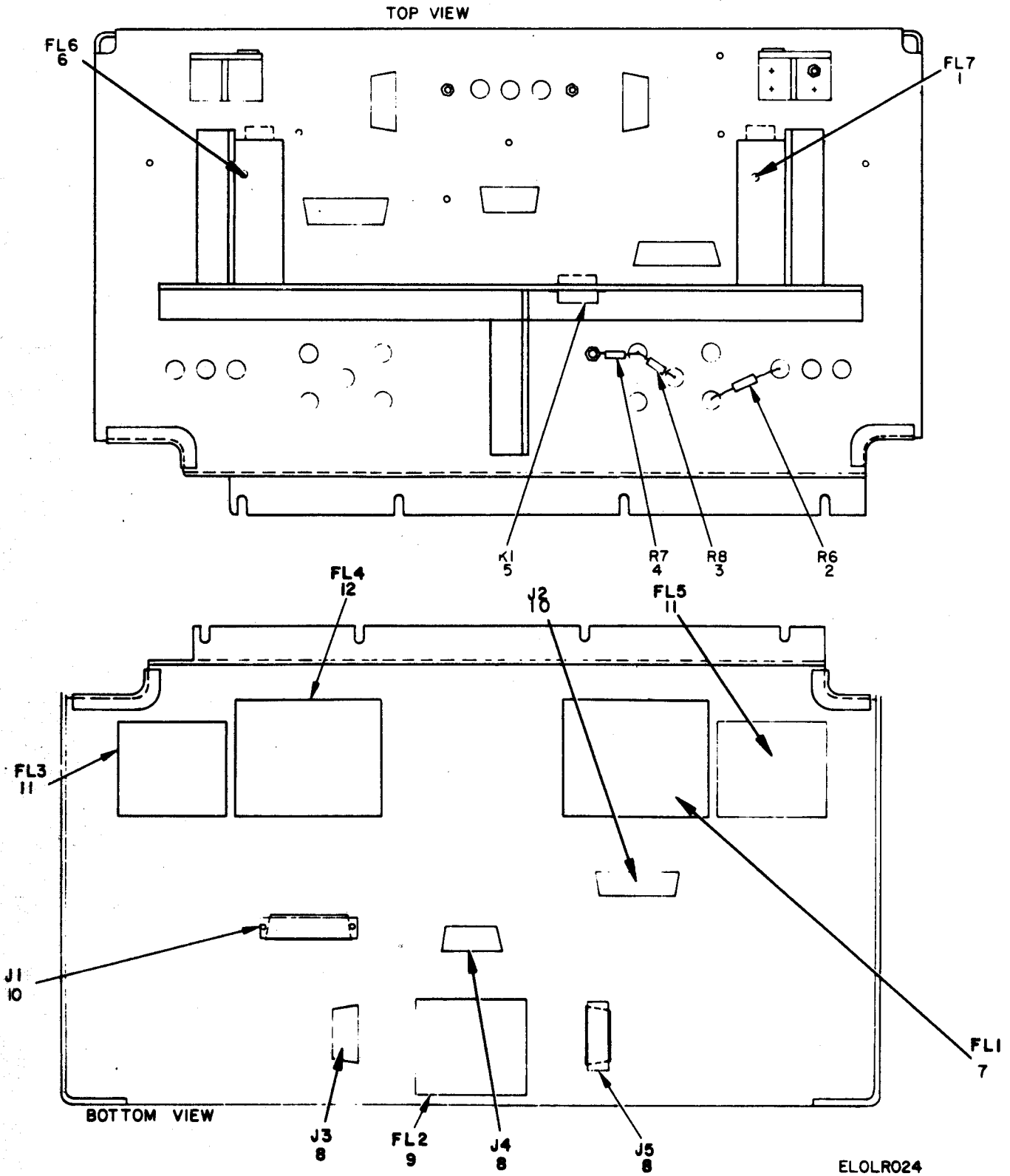
Figure 17. Loop Battery Module, printed Circuit Board (Filter and Switch Board) A5A2 (Sheet 1 of 2).

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.
C1	1	CI2	1	CR8	8	K1	10	R1	16	R12	26	VR1	29
C2	1	CI3	1	CR9	8	K2	10	R2	17	R13	27	VR2	30
C3	1	CI4	3	CR10	8	L1	11	R3	18	R14	20	VR3	30
C4	2	CI5	5	CR11	8	L2	11	R4	19	R15	21	VR4	29
C5	1	CR1	8	CR12	8	L3	12	R5	20	R16	18	VR5	30
C6	3	CR2	8	CR13	8	L4	11	R6	21	R17	22	VR6	30
C7	4	CR3	8	CR14	8	Q1	13	R7	18	R18	23	VR7	29
C8	4	CR4	8	CR15	9	Q2	14	R8	22	R19	25		
C9	5	CR5	9	CR16	9	Q3	13	R9	23	R20	24		
C10	6	CR6	9	CR17	8	Q4	15	R10	24	T1	28		
C11	7	CR7	8	CR18	8	Q5	13	R11	25	T2	28		

ELOLR023

Figure 17. Loop Battery Module, Printed Circuit Board (Filter and Switch Board) A5A2 (Sheet 2 of 2).

SECTION II				TM11-5805-387-24P-1					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION				DESCRIPTION					
(a)	(b)	NATIONAL	PART						
FIG	ITEM	STOCK	NUMBER	FSCM					QTY
NO.	NO.	NUMBER			USABLE ON CODE	U\M			INC
NO.	NO.	NUMBER							IN
									UNIT
17	1	PADZZ 5910-00-897-7895	CK06CW103K	96733		EA			6
17	2	XDDZZ	CM06F162G03	81349		EA			1
17	3	PADZZ 5910-00-702-8057	CM05F331G03	81349		EA			2
17	4	PADZZ 5910-00-143-0501	CK06CW472K	81349		EA			2
17	5	PADZZ 5910-00-901-6547	CK17AX104K	81349		EA			2
17	6	XDDZZ	CM06F511G03	81349		EA			1
17	7	PADZZ 5910-00-965-9441	CM06P102G03	81349		EA			1
17	8	PADZZ 5961-00-087-6047	JAN1N645	81349		EA			14
17	9	PADZZ 5961-00-814-0768	JAN1N3064	81349		EA			4
17	10	PADZZ 5945-00-904-8319	M5757-9-003	81349		EA			2
17	11	PADZZ 5950-00-926-3154	MS90537-41	96906		EA			3
17	12	PADZZ 5950-00-921-3413	MS90537-61	96906		EA			1
17	13	PADZZ 5961-00-914-2376	2N2727	81349		EA			3
17	14	PADZZ 5961-00-813-9360	JAN2N1613	81349		EA			1
17	15	PADZZ 5961-00-954-6100	2N708	81349		EA			1
17	16	PADZZ 5905-00-682-4107	RC07GF181J	81349		EA			1
17	17	PADZZ 5905-00-687-0002	RC07GF223J	81349		EA			1
17	18	PADZZ 5905-00-681-9969	RC07GF332J	81349		EA			3
17	19	PADZZ 5905-00-683-7723	RC07GF152J	81349		EA			1
17	20	PADZZ 5905-00-807-4954	RC07GF751J	81349		EA			2
17	21	PADZZ 5905-00-067-9079	RT22C2P102	81349		EA			2
17	22	PADZZ 5905-00-088-0635	RW59V471	81349		EA			2
17	23	PADZZ 5905-00-081-8672	RW69V241	81349		EA			2
17	24	PADZZ 5905-00-952-7223	RN55D1782F	81349		EA			2
17	25	PADZZ 5905-00-988-2309	RN60D10R0F	81349		EA			2
17	26	PADZZ 5905-00-683-2238	RC07GF103J	81349		EA			1
17	27	PADZZ 5905-00-727-8001	RC07GF681J	81349		EA			1
17	28	PADZZ 5950-00-930-4448	SMB583101	80063		EA			2
17	29	PADZZ 5961-00-985-4487	JAN1N30478	81349		EA			3
17	30	PADZZ 5961-00-081-6103	JAN1N823	81349		EA			4



ELOLR024

Figure 18. Chassis Assembly.

SECTION II		TM11-5805-387-24P-1						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION		NATIONAL	PART		DESCRIPTION		QTY	
(a)	(b)	STOCK	NUMBER	FSCM		U\M	INC	
FIG	ITEM	NUMBER	NUMBER				IN	
NO.	NO.	CODE					UNIT	
					GROUP 06 CHASSIS ASSEMBLY			
18	1	PADZZ	5915-00-930-4442	SMC583214	80063 FILTER,BAND PASS	EA	1	
18	2	PADZZ	5905-00-192-3973	RC20GF471J	81349 RESISTOR,FIXED,COMPOSITION	EA	1	
18	3	PADZZ	5905-00-801-6998	RC07GF621J	81349 RESISTOR,FIXED,COMPOSITION	EA	1	
18	4	PADZZ	5905-00-686-9997	RC07GF682J	81349 RESISTOR,FIXED,COMPOSITION	EA	1	
18	5	PADZZ	5945-00-924-9542	M5757-9-001	96906 RELAY	EA	1	
18	6	PADZZ	5915-00-930-4441	SMC583133	80063 FILTER,BAND PASS	EA	1	
18	7	PADZZ	5915-00-930-4438	SMC583129	80063 FILTER,BAND PASS	EA	1	
18	8	PADZZ	5935-00-930-7026	SMC583223-3	80063 CONNECTOR,RECEPTACLE,ELECTRICAL	EA	3	
18	9	PADZZ	5915-00-930-4439	SMC583130	80063 FILTER,BAND PASS	EA	1	
18	10	PADZZ	5935-00-930-6151	SMC583223-4	80063 CONNECTOR,RECEPTACLE,ELECTRICAL	EA	2	
18	11	PADZZ	5915-00-930-4443	SMC583131	80063 FILTER,LOW PASS	EA	2	
18	12	PADZZ	5915-00-930-4440	SMC583132	80063 FILTER,BAND PASS	EA	1	

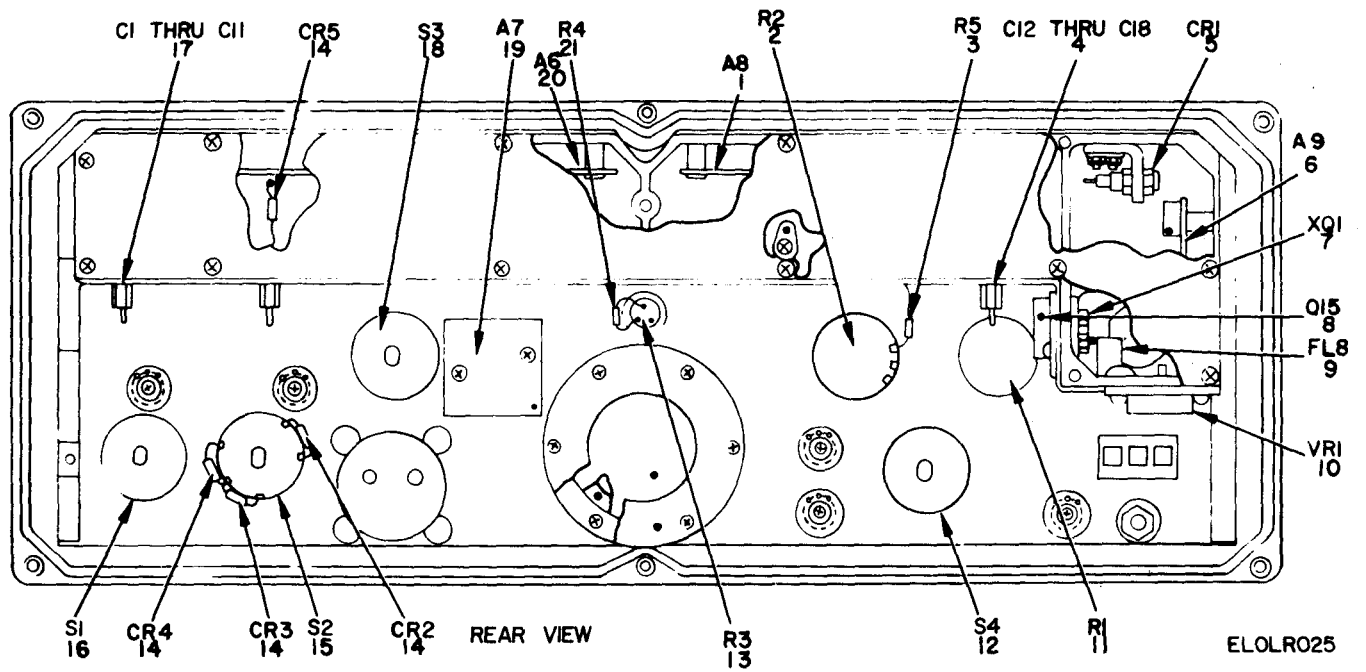


Figure 19. Panel Assembly, Front (Sheet 1 of 2).

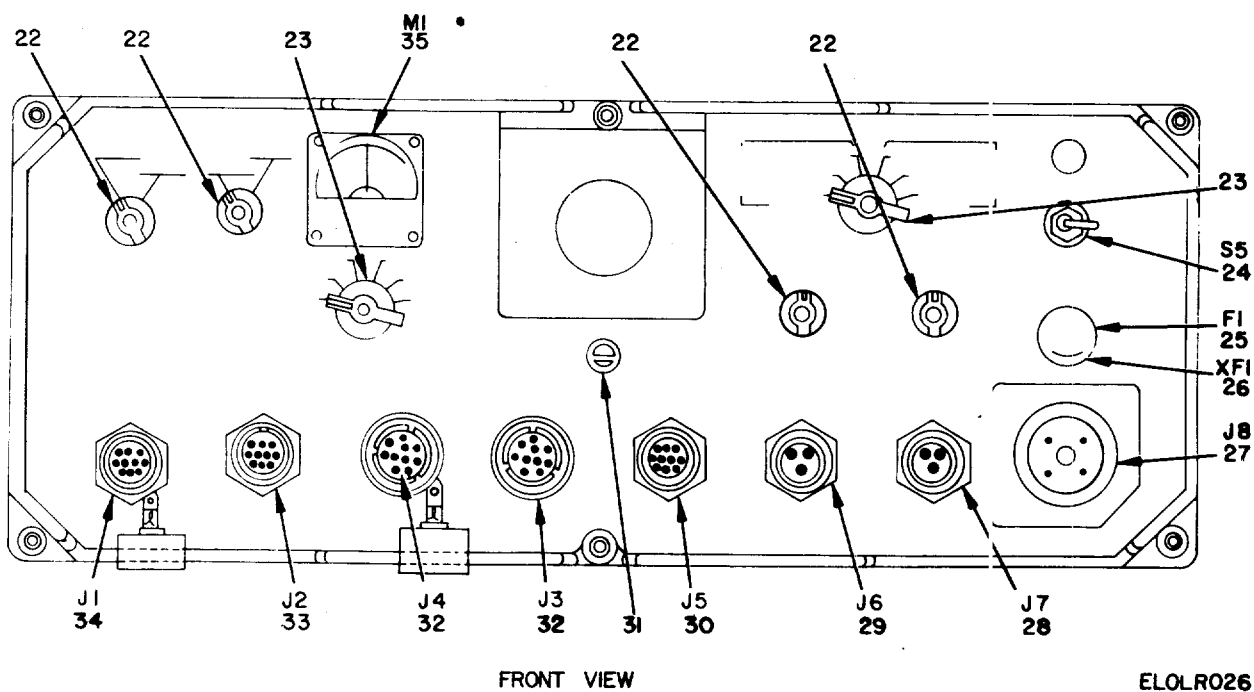
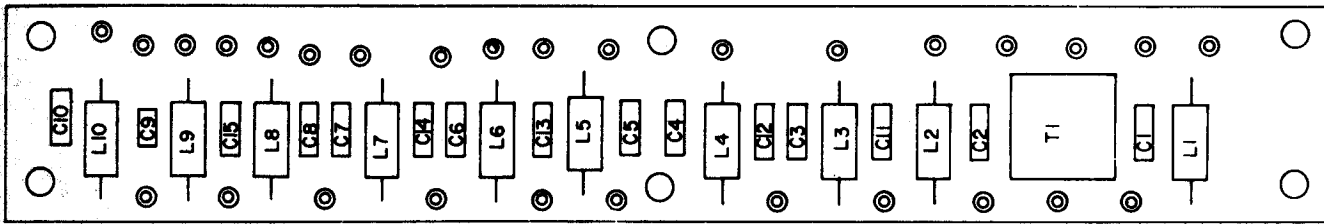


Figure 19. Panel Assembly, Front (Sheet 2 of 2).

SECTION II				TM11-5805-387-24P-1					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
ILLUSTRATION		NATIONAL		DESCRIPTION					
FIG	(b)	SMR	STOCK	PART				QTY	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	INC	
GROUP 07 PANEL ASSEMBLY, FRONT									
19	1	PADDL	5999-00-930-4460	SMF583039	80063				1
19	2	PADDZ	5905-00-779-2061	SMC500237	80063		EA		1
19	3	PADZZ	5905-00-687-0000	RC07GF183J	81349		EA		1
19	4	PADZZ	5910-00-930-5479	SMD583058	80063		EA		7
19	5	PADDZ	5961-00-811-5799	JAN1N1202	81349		EA		1
19	6	PADDL	5815-00-930-4467	SMD583125	80063		EA		1
19	7	PADZZ	5935-00-727-7056	SMC502517	80063		EA		1
19	8	PADZZ	5961-00-712-5578	SMB583282	80063		EA		1
19	9	PADZZ	5915-00-978-4634	SMC502816	80063		EA		1
19	10	PADZZ	5961-00-892-0914	JAN1N28238	81349		EA		1
19	11	PADZZ	5905-00-764-2120	SMC500238	80063		EA		1
19	12	PADZZ	5930-00-930-4433	SMC583038	80063		EA		1
19	13	PADZZ	5905-00-061-1404	GALP056P503UA	01121		EA		1
19	14	XDDZZ		JAN1N3666M2	81349		EA		4
19	15	PADZZ	5930-00-930-4432	SMC583036	80063		EA		1
19	16	PADZZ	5930-00-930-4430	SMC583035	80063		EA		1
19	17	PADZZ	5910-00-804-7566	CK70AW102M	81349		EA		11
19	18	PADZZ	5930-00-930-4431	SMC583037	80063		EA		1
19	19	PADDL	5975-00-930-4447	SMD583122	80063		EA		1
19	20	PADDL	5975-00-930-4444	SMF583043	80063		EA		1
19	21	PADZZ	5905-00-686-3129	RC07GF104J	81349		EA		1
19	22	PAOZZ	5355-00-727-8497	SMC500407	80063		EA		4
19	23	XDOZZ		SMC502491	80063		EA		2
19	24	PADZZ	5930-00-655-1515	MS35058-23	96906		EA		1
19	25	PAOZZ	5920-00-280-4960	MS90078-11	96906		EA		1
19	26	PADZZ	5920-00-280-4091	342006	75915		EA		1
19	27	PADZZ	5935-00-201-3998	UW2020MA00	96906		EA		1
19	28	PADZZ	5935-00-925-8910	MS3114E12-3SY	96906		EA		1
19	29	PADZZ	5935-00-086-2369	MS3114E12-3S	96906		EA		1
19	30	PADZZ	5935-00-926-3077	MS3114E12-10SY	96906		EA		1
19	31	PAOZZ	5355-00-850-9799	MS91528-0N1B	96906		EA		1
19	32	PADZZ	5935-00-549-2646	U79V	96906		EA		2
19	33	PADZZ	5935-00-818-5674	MS3114E12-10S	96906		EA		1
19	34	PADZZ	5935-00-813-4721	MS3114EL12-10P	96906		EA		1
19	35	PADZZ	6625-00-257-1103	SMC583021	80063		EA		1

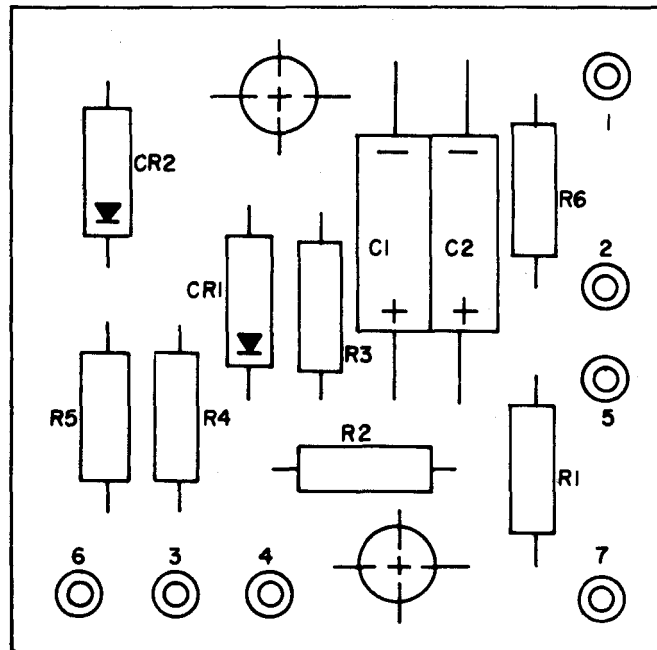


REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C7	1	C13	1	L4	3	L10	3
C2	1	C8	1	C14	1	L5	3	T1	5
C3	1	C9	2	C15	1	L6	4		
C4	1	C10	1	L1	3	L7	3		
C5	1	C11	1	L2	3	L8	3		
C6	1	C12	1	L3	4	L9	3		

ELOLR027

Figure 20. Panel Assembly, Front, Printed Circuit Board (Signal Filter) MP2A6.

SECTION II									
(1)	(2)	(3)	(4)	(5)	TM11-5805-387-24P-1	(7)	(8)		
ILLUSTRATION									
(a)	(b)	NATIONAL		DESCRIPTION				QTY	
FIG	ITEM	SMR	STOCK	PART				INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U\M	IN	UNIT
20	1	PADZZ	5910-00-847-7288	CK06CW103K	81349	CAPACITOR, FIXED, CERAMIC	EA	14	
20	2	PADZZ	5910-00-893-6745	CK05CW102K	81349	CAPACITOR, FIXED, CERAMIC	EA	1	
20	3	PADZZ	5950-00-926-3154	MS90537-41	96906	COIL, RADIO FREQUENCY	EA	8	
20	4	PADZZ	5950-00-930-0071	MS90537-33	96906	COIL, RADIO FREQUENCY	EA	2	
20	5	PADZZ	5950-00-930-4451	124-5K	70674	TRANSFORMER, AUDIO FREQUENCY	EA	1	

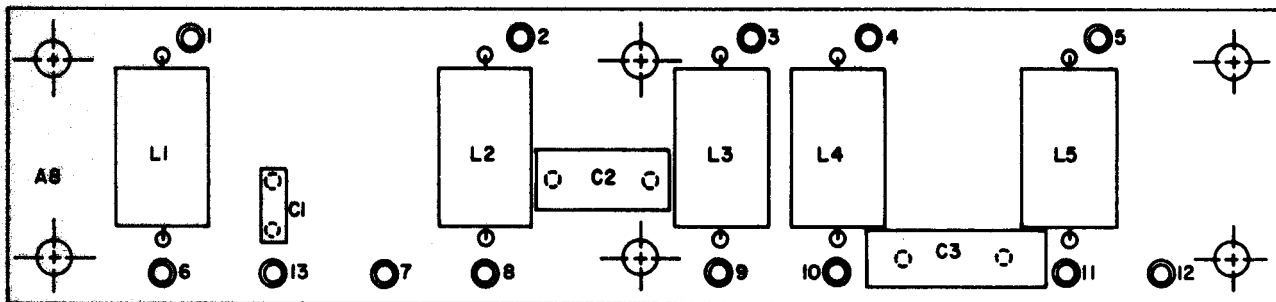


REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	R2	5
C2	1	R3	6
CR1	2	R4	7
CR2	3	R5	8
R1	4	R6	9

ELOLR028

Figure 21. Panel Assembly, Front, Printed Circuit Board (Meter Bias) MP2A7.

SECTION II		TM11-5805-387-24P-1						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION		NATIONAL	PART		DESCRIPTION		QTY	
FIG NO.	ITEM NO.	STOCK NUMBER	NUMBER	FSCM		USABLE ON CODE U\M	INC IN UNIT	
21	1	PADZZ 5910-00-777-6928	CS13BD335K	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2	
21	2	XDDZZ	JAN1N3666M2	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1	
21	3	PADZZ 5961-00-814-0768	JAN1N3064	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1	
21	4	PADZZ 5905-00-686-3369	RC07GF331J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
21	5	PADZZ 5905-00-822-6221	RC07GF114J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
21	6	PADZZ 5905-00-727-8001	RC07GF681J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
21	7	PADZZ 5905-00-686-3129	RC07GF104J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
21	8	PADZZ 5905-00-686-9998	RC07GF472J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	
21	9	PADZZ 5905-00-681-8855	RC07GF394J	81349	RESISTOR, FIXED, COMPOSITION	EA	1	

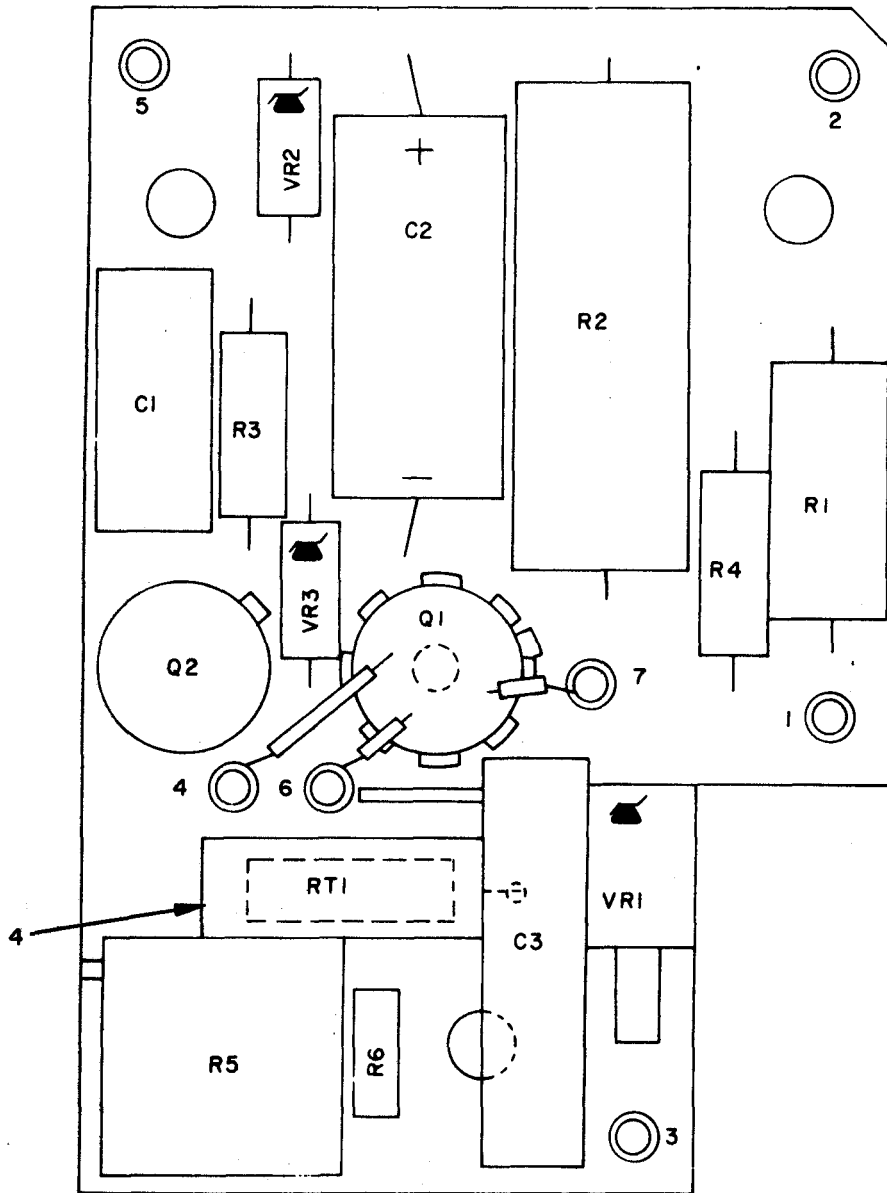


REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C3	2	L2	3	L4	3
C2	2	L1	3	L3	3	L5	3

ELOLR029

Figure 22. Panel Assembly, Front, Printed Circuit Board (TTY Filter) MP2A8.

SECTION II									
(1)	(2)	(3)	(4)	(5)	TM11-5805-387-24P-1	(7)	(8)		
ILLUSTRATION									
(a)	(b)	NATIONAL		DESCRIPTION					
FIG	ITEM	SMR	STOCK	PART		USABLE ON CODE	U\M	QTY	INC
NO.	NO.	CODE	NUMBER	NUMBER	FSCM			IN	UNIT
22	1	PADZZ	5910-00-847-7288	CK06CW103K	81349	CAPACITOR, FIXED, CERAMIC		EA	1
22	2	PADZZ	5910-00-965-9441	CM06F102G03	81349	CAPACITOR, FIXED, MICA		EA	2
22	3	PADZZ	5950-00-771-2089	MS75054	96906	COIL, RADIO FREQUENCY		EA	5



REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C 1	1	R 1	7	R 6	12
C 2	2	R 2	8	RT 1	13
C 3	3	R 3	9	VR 1	14
Q 1	5	R 4	10	VR 2	15
Q 2	6	R 5	11	VR 3	15

EL0LR030

Figure 23. Panel Assembly, Front, Printed Circuit Board (Pre-Regulator) MP2A9.

SECTION II		TM11-5805-387-24P-1						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(a)	(b)	NATIONAL	PART	DESCRIPTION			(8)	
FIG	ITEM	STOCK	NUMBER	FSCM	USABLE ON CODE	U\M	QTY	
NO.	NO.	NUMBER	NUMBER				INC	
	CODE						IN	
							UNIT	
23	1	XDDZZ	SMC502778-1	80063		EA	1	
23	2	XDDZZ	CS13BF476M	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1	
23	3	PADZZ	5910-00-904-4915	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1	
23	4	PADZZ	5999-00-904-3486	98978	SHIELD, ELECTRON TUBE	EA	1	
23	5	PADZZ	5961-00-586-5130	2N3636	81349	TRANSISTOR	1	
23	6	PADZZ	5961-00-726-7836	JAN2N3440	81349	TRANSISTOR	1	
23	7	PADZZ	5905-00-978-7702	RW69V2R0	81349	RESISTOR, FIXED, WIRE WOUND	1	
23	8	PADZZ	5905-00-879-3636	RW67V331	81349	RESISTOR, FIXED, WIRE WOUND	1	
23	9	PADZZ	5905-00-195-6806	RC20GF102J	81349	RESISTOR, FIXED, COMPOSITION	1	
23	10	PADZZ	5905-00-279-3511	RC20GF511J	81349	RESISTOR, FIXED, COMPOSITION	1	
23	11	PADZZ	5905-00-067-6473	RT22C2P501	81349	RESISTOR, VARIABLE, WIRE WOUND	1	
23	12	PADZZ	5905-00-683-7724	RC07GF242J	81349	RESISTOR, FIXED, COMPOSITION	1	
23	13	PADZZ	5905-00-930-4459	SMC583272	80063	RESISTOR, THERMAL	1	
23	14	PADZZ	5961-00-853-1065	JAN1N3026B	81349	SEMICONDUCTOR DEVICE, DIODE	1	
23	15	PADZZ	5961-00-821-2309	JAN1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	2	

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5910-00-045-5432	11	10	5905-00-683-2238	17	26
5910-00-045-5434	7	2	5905-00-683-2240	11	46
5961-00-050-7499	14	18	5905-00-683-2240	13	31
5910-00-051-2312	7	4	5905-00-683-2240	14	27
5905-00-053-8048	5	15	5905-00-683-2246	11	47
5905-00-053-8048	11	49	5905-00-683-2246	13	40
5905-00-053-8048	13	32	5905-00-683-7720	7	6
5905-00-053-8048	14	28	5905-00-683-7721	10	25
5905-00-061-1404	19	13	5905-00-683-7721	11	41
5905-00-067-6473	23	11	5905-00-683-7723	5	13
5905-00-067-7338	7	11	5905-00-683-7723	11	28
5905-00-067-7338	13	35	5905-00-683-7723	13	28
5905-00-067-9079	17	21	5905-00-683-7723	14	21
5910-00-067-9091	11	2	5905-00-683-7723	17	19
5905-00-078-8384	11	26	5905-00-683-7724	23	12
5905-00-080-5899	16	6	5905-00-686-3129	5	18
5961-00-081-6103	17	30	5905-00-686-3129	7	8
5905-00-081-6135	16	4	5905-00-686-3129	10	19
5961-00-081-8365	4	11	5905-00-686-3129	13	26
5961-00-081-8365	14	19	5905-00-686-3129	14	23
5905-00-081-8672	17	23	5905-00-686-3129	19	21
5935-00-086-2369	19	29	5905-00-686-3129	21	7
5961-00-087-6047	4	8	5905-00-686-3356	10	24
5961-00-087-6047	8	7	5905-00-686-3368	14	32
5961-00-087-6047	13	13	5905-00-686-3369	4	15
5961-00-087-6047	14	13	5905-00-686-3369	13	20
5961-00-087-6047	16	3	5905-00-686-3369	21	4
5961-00-087-6047	17	8	5905-00-686-3370	4	16
5935-00-089-4856	4)	5905-00-686-3798	5	10
5935-00-089-4856	5	21	5905-00-686-3798	11	34
5935-00-089-4856	10	11	5905-00-686-3838	10	18
5935-00-089-4856	11	17	5905-00-686-3838	11	31
5905-00-119-3505	7	12	5905-00-686-3903	13	39
5905-00-119-3505	8	16	5905-00-686-3903	14	38
5960-00-170-4573	6	1	5905-00-686-9994	13	33
5905-00-171-2003	8	11	5905-00-686-9994	14	33
5905-00-190-8865	8	10	5905-00-686-9996	14	20
5905-00-192-3973	18	2	5905-00-686-9997	4	20
5905-00-195-6806	23	9	5905-00-686-9997	7	10
5961-00-226-8579	11	22	5905-00-686-9997	10	22
5935-00-240-8166	6	4	5905-00-686-9997	11	36
6625-00-257-1103	19	35	5905-00-686-9997	13	34
5905-00-279-1877	5	9	5905-00-686-9997	18	4
5905-00-279-2522	8	13	5905-00-686-9998	4	21
5905-00-279-2674	8	15	5905-00-686-9998	5	11
5905-00-279-3511	23	10	5905-00-686-9998	7	9
5920-00-280-4091	19	26	5905-00-686-9998	10	16
5920-00-280-4960	19	25	5905-00-686-9998	11	27
5905-00-299-2040	4	24	5905-00-686-9998	13	23
5935-00-549-2646	19	32	5905-00-686-9998	14	34
5930-00-655-1515	19	24	5905-00-686-9998	21	8
5905-00-681-6462	4	13	5905-00-687-0000	5	17
5905-00-681-6462	10	23	5905-00-687-0000	10	20
5905-00-681-6462	11	32	5905-00-687-0000	11	25
5905-00-681-6462	13	38	5905-00-687-0000	13	30
5905-00-681-6462	14	37	5905-00-687-0000	14	26
5905-00-681-8817	8	8	5905-00-687-0000	19	3
5905-00-681-8818	4	14	5905-00-687-0002	11	29
5905-00-681-8818	13	22	5905-00-687-0002	13	36
5905-00-681-8818	14	39	5905-00-687-0002	14	35
5905-00-681-8820	11	39	5905-00-687-0002	17	17
5905-00-681-8855	11	38	5905-00-688-3738	13	25
5905-00-681-8855	21	9	5905-00-691-0195	13	29
5905-00-681-9969	11	35	5905-00-691-0195	14	24
5905-00-681-9969	17	18	5910-00-702-8057	10	6
5905-00-681-9970	10	15	5910-00-702-8057	17	3
5905-00-681-9970	13	41	5905-00-723-5251	11	33
5905-00-682-4098	7	7	5905-00-723-5251	13	19
5905-00-682-4098	10	17	5905-00-723-5251	14	25
5905-00-682-4099	11	44	5910-00-725-4794	7	3
5905-00-682-4101	14	30	5905-00-726-4413	8	14
5905-00-682-4103	10	21	5961-00-726-7836	23	6
5905-00-682-4104	14	29	5935-00-727-7056	19	7
5905-00-682-4107	17	16	5905-00-727-8001	11	43
5905-00-683-2235	4	17	5905-00-727-8001	13	18
5905-00-683-2236	14	31	5905-00-727-8001	17	27
5905-00-683-2238	5	16	5905-00-727-8001	21	6
5905-00-683-2238	11	24	5355-00-727-8497	19	22
5905-00-683-2238	13	21	5910-00-762-7886	7	4
5905-00-683-2238	14	22	5905-00-764-2120	19	11

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5905-00-769-4595	4	23	5815-00-926-3260	15	6
5950-00-771-2089	22	3	5910-00-926-8049	4	3
5910-00-771-3008	7	4	5910-00-926-8049	14	7
5905-00-779-2061	19	2	5910-00-926-8051	4	6
5910-00-781-1154	7	4	5910-00-926-8052	11	1
5905-00-801-6998	4	22	5910-00-926-8052	13	2
5905-00-801-6998	11	37	5910-00-926-8053	8	2
5905-00-801-6998	18	3	5910-00-926-8054	8	4
5905-00-801-8272	5	14	5905-00-926-8470	15	7
5910-00-804-7566	19	17	5950-00-930-0071	20	4
5905-00-807-4954	17	20	5930-00-930-4430	19	16
5961-00-811-5799	19	5	5930-00-930-4431	19	18
5935-00-813-4721	19	34	5930-00-930-4433	19	12
5961-00-813-9360	5	7	5915-00-930-4438	18	7
5961-00-813-9360	7	5	5915-00-930-4439	18	9
5961-00-813-9360	11	23	5915-00-930-4440	18	12
5961-00-813-9360	13	17	5915-00-930-4441	18	6
5961-00-813-9360	14	17	5915-00-930-4442	18	1
5961-00-813-9360	17	14	5915-00-930-4443	18	11
5961-00-814-0768	5	6	5975-00-930-4444	19	20
5961-00-814-0768	10	10	5975-00-930-4447	19	19
5961-00-814-0768	11	16	5950-00-930-4448	17	28
5961-00-814-0768	13	12	5950-00-930-4449	3	6
5961-00-814-0768	14	12	5950-00-930-4450	4	27
5961-00-814-0768	17	9	5950-00-930-4451	11	50
5961-00-814-0768	21	3	5950-00-930-4451	13	42
5905-00-817-7971	4	18	5950-00-930-4451	20	5
5905-00-817-7971	5	20	5950-00-930-4452	7	14
5905-00-817-7971	11	48	5950-00-930-4452	14	40
5905-00-817-7971	13	27	5955-00-930-4453	11	51
5935-00-818-5674	19	33	5955-00-930-4454	10	28
5961-00-821-2309	23	15	5955-00-930-4455	10	27
5905-00-822-6221	21	5	5955-00-930-4457	3	4
5961-00-829-0728	8	6	5905-00-930-4459	23	13
5815-00-842-5721	2	5	5999-00-930-4460	19	1
5910-00-849-4359	8	3	5975-00-930-4461	3	1
5961-00-850-9560	8	19	5975-00-930-4462	3	5
5355-00-850-9799	19	31	5975-00-930-4464	6	5
5961-00-853-1065	23	14	5815-00-930-4466	9	2
5961-00-853-2607	14	14	5815-00-930-4467	19	6
5961-00-865-2063	15	2	5999-00-930-4468	12	2
5905-00-879-3636	23	8	5975-00-930-4469	12	4
5961-00-889-4120	3	2	5975-00-930-4470	12	3
5961-00-889-4120	6	2	5815-00-930-4655	2	3
5961-00-889-4120	15	9	5815-00-930-4656	2	4
5961-00-892-0909	8	20	5815-00-930-4658	2	2
5961-00-892-0914	19	10	5815-00-930-4659	2	1
5961-00-892-1009	4	28	5950-00-930-4701	11	18
5961-00-892-3361	5	22	5910-00-930-5476	13	7
5930-00-892-9714	10	26	5910-00-930-5476	14	9
5910-00-893-6745	20	2	5910-00-930-5477	14	6
5961-00-894-0684	13	43	5910-00-930-5478	13	6
5910-00-901-6547	17	5	5910-00-930-5478	14	11
5999-00-904-3486	23	4	5910-00-930-5479	19	4
5910-00-904-3985	4	5	5910-00-930-5480	13	4
5910-00-904-3985	11	14	5910-00-930-5480	14	4
5910-00-904-4915	23	3	5935-00-930-6151	18	10
5910-00-904-5644	4	2	5935-00-930-7024	9	3
5910-00-904-5644	5	3	5935-00-930-7025	3	3
5910-00-904-5644	11	12	5935-00-930-7025	6	3
5910-00-904-5644	13	9	5935-00-930-7025	15	4
5961-00-914-2376	17	13	5935-00-930-7026	18	8
5950-00-921-3413	11	20	5815-00-937-4298	15	1
5950-00-921-3413	17	12	5905-00-952-7223	17	24
5905-00-923-3580	8	12	5910-00-954-5500	10	3
5935-00-925-8910	19	28	5961-00-954-6100	17	15
5905-00-926-0316	5	12	5910-00-954-9793	10	7
5905-00-926-0316	11	30	5910-00-954-9793	11	9
5905-00-926-2826	4	19	5910-00-957-2054	5	4
5905-00-926-2828	8	9	5910-00-957-2054	10	1
5935-00-926-3077	19	30	5910-00-957-9909	10	2
5950-00-926-3154	7	13	5910-00-965-9441	7	4
5950-00-926-3154	10	12	5910-00-965-9441	17	7
5950-00-926-3154	13	15	5910-00-965-9441	22	2
5950-00-926-3154	14	15	5905-00-975-1140	16	5
5950-00-926-3154	17	11	5961-00-985-4487	17	29
5950-00-926-3154	20	3	5905-00-988-2309	17	25
5950-00-926-3155	11	19			

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CK05CW102K	96733	20	2	JAN1N3064	81349	11	16
CK06CW103K	96733	5	2	JAN1N3064	81349	13	12
CK06CW103K	96733	10	5	JAN1N3064	81349	14	12
CK06CW103K	96733	11	7	JAN1N3064	81349	17	9
CK06CW103K	96733	20	1	JAN1N3064	81349	21	3
CK06CW103K	96733	22	1	JAN1N3666M2	81349	4	7
CK06CW103K	96733	13	8	JAN1N3666M2	81349	11	15
CK06CW103K	96733	14	10	JAN1N3666M2	81349	13	11
CK06CW103K	96733	17	1	JAN1N3666M2	81349	21	2
CK06CW472K	81349	10	9	JAN1N561	81349	8	6
CK06CW472K	81349	17	4	JAN1N645	81349	4	8
CK17AX104K	81349	17	5	JAN1N645	81349	8	7
CK70AW102M	81349	19	17	JAN1N645	81349	13	13
CL27BQOR5SN3	81349	23	3	JAN1N645	81349	14	13
CL37BR5LN3	81349	15	5	JAN1N645	81349	16	3
CM05C05003	81349	11	8	JAN1N645	81349	17	8
CM05C120K03	81349	10	8	JAN1N750A	81349	5	22
CM05E330G03	81349	5	4	JAN1N751A	81349	23	15
CM05E330G03	81349	10	1	JAN1N758A	81349	13	43
CM05F151G03	81349	10	3	JAN1N823	81349	17	30
CM05F331G03	81349	10	6	JAN1N933	81349	14	14
CM05F331G03	81349	17	3	JAN1N963B	81349	4	28
CM05F391G03	81349	10	2	JAN1N981B	81349	8	20
CM06F102G03	81349	7	4	JAN1N9858	81349	8	19
CM06F102G03	81349	17	7	JAN2BF1	81349	6	1
CM06F102G03	81349	22	2	JAN2N1131	81349	4	11
CM06F152G03	81349	7	4	JAN2N1131	81349	14	19
CM06F202503	81349	8	1	JAN2N1486	81349	3	2
CM06F222G03	81349	7	3	JAN2N1486	81349	6	2
CM06F272G03	81349	7	2	JAN2N1486	81349	15	9
CM06F272G03	81349	7	4	JAN2N1613	81349	4	12
CM06F362G03	81349	7	4	JAN2N1613	81349	5	7
CM06F431G03	81349	7	4	JAN2N1613	81349	7	5
CM06F432G03	81349	7	4	JAN2N1613	81349	11	23
CM06F511G03	81349	17	6	JAN2N1613	81349	13	17
CM06F911G03	81349	11	2	JAN2N1613	81349	14	17
CM06GF681G03	81349	11	10	JAN2N1613	81349	17	14
CP09A1KGL53K3	81349	8	3	JAN2N2219	81349	14	18
CS13BB476K	81349	11	6	JAN2N3440	81349	23	6
CS13BB685K	81349	4	4	JAN2N930	81349	11	22
CS13BC336K	81349	11	13	MS24656-231	96906	10	26
CS13BC475M	81349	16	1	MS3114EL12-10P	96906	19	34
CS13BD226K	81349	11	5	MS3114E12-10S	96906	19	33
CS13BD226K	81349	13	5	MS3114E12-10SY	96906	19	30
CS13BD226K	81349	14	5	MS3114E12-3S	96906	19	29
CS13BD335K	81349	21	1	MS3114E12-3SY	96906	19	28
CS13BE106K	81349	14	8	MS35058-23	96906	19	24
CS13BE107M	81349	13	10	MS75054	96906	22	3
CS13BE156M	81349	4	2	MS90078-11	96906	19	25
CS13BF105K	81349	4	1	MS90537-29	96906	11	19
CS13BF105K	81349	5	5	MS90537-33	96906	20	4
CS13BF105K	81349	7	1	MS90537-41	96906	7	13
CS13BF105K	81349	10	4	MS90537-41	96906	10	12
CS13BF105K	81349	11	4	MS90537-41	96906	13	15
CS13BF105K	81349	13	1	MS90537-41	96906	14	15
CS13BF105K	81349	14	2	MS90537-41	96906	17	11
CS13BF1056M	81349	5	3	MS90537-41	96906	20	3
CS13BF1056M	81349	11	12	MS90537-61	96906	11	20
CS13BF1056M	81349	13	9	MS90537-61	96906	17	12
CS13BF226K	81349	11	3	MS91528-0N1B	96906	19	31
CS13BF335M	81349	13	3	M5757-9-001	81349	18	5
CS13BF335M	81349	14	3	M5757-9-003	81349	13	14
CS13BF476M	81349	5	1	M5757-9-003	81349	17	10
CS13BF476M	81349	8	5	PC41H120	81349	10	7
CS13BF476M	81349	11	11	PC41H120	81349	11	9
CS13BF476M	81349	14	1	RC07GF100J	81349	4	18
CS13BF476M	81349	16	2	RC07GF100J	81349	5	20
CS13BF476M	81349	23	2	RC07GF100J	81349	11	48
CS13BF685M	81349	4	5	RC07GF100J	81349	13	27
CS13BF685M	81349	11	14	RC07GF101J	81349	10	25
DAM15PF115	81349	6	3	RC07GF101J	81349	11	41
GALP056P503UA	01121	19	13	RC07GF102J	81349	4	13
JAN1N1202	81349	19	5	RC07GF102J	81349	10	23
JAN1N2823B	81349	19	10	RC07GF102J	81349	11	32
JAN1N2970B	81349	15	2	RC07GF102J	81349	13	38
JAN1N3026B	81349	23	14	RC07GF102J	81349	14	37
JAN1N3047B	81349	17	29	RC07GF103J	81349	5	16
JAN1N3064	81349	5	6	RC07GF103J	81349	10	14
JAN1N3064	81349	10	10	RC07GF103J	81349	11	24
				RC07GF103J	81349	13	21

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
RC07GF103J	81349	14	22	RC07GF621J	81349	11	37
RC07GF103J	81349	17	26	RC07GF621J	81349	18	3
RC07GF104J	81349	5	18	RC07GF623J	81349	14	29
RC07GF104J	81349	7	8	RC07GF680J	81349	4	17
RC07GF104J	81349	10	19	RC07GF681J	81349	11	43
RC07GF104J	81349	13	26	RC07GF681J	81349	13	18
RC07GF104J	81349	14	23	RC07GF681J	81349	17	27
RC07GF104J	81349	19	21	RC07GF681J	81349	21	6
RC07GF104J	81349	21	7	RC07GF682J	81349	4	20
RC07GF105J	81349	8	8	RC07GF682J	81349	7	10
RC07GF114J	81349	21	5	RC07GF682J	81349	10	22
RC07GF122J	81349	13	33	RC07GF682J	81349	11	36
RC07GF122J	81349	14	33	RC07GF682J	81349	13	34
RC07GF123J	81349	8	14	RC07GF682J	81349	18	4
RC07GF152J	81349	5	13	RC07GF683J	81349	7	12
RC07GF152J	81349	11	28	RC07GF683J	81349	8	16
RC07GF152J	81349	13	28	RC07GF751J	81349	17	20
RC07GF152J	81349	14	21	RC07GF752J	81349	14	30
RC07GF152J	81349	17	19	RC07GF821J	81349	14	20
RC07GF153J	81349	4	14	RC07GF822J	81349	10	15
RC07GF153J	81349	13	22	RC07GF822J	81349	13	41
RC07GF153J	81349	14	39	RC07GF823J	81349	10	24
RC07GF181J	81349	17	16	RC07G272J	81349	5	10
RC07GF182J	81349	13	25	RC20GF102J	81349	23	9
RC07GF183J	81349	5	17	RC20GF154J	81349	8	13
RC07GF183J	81349	10	20	RC20GF201J	81349	8	15
RC07GF183J	81349	11	25	RC20GF204J	81349	8	11
RC07GF183J	81349	13	30	RC20GF242J	81349	5	9
RC07GF183J	81349	14	26	RC20GF274J	81349	8	10
RC07GF183J	81349	19	3	RC20GF471J	81349	18	2
RC07GF202J	81349	4	16	RC20GF511J	81349	23	10
RC07GF203J	81349	14	32	RC20GF562J	81349	8	18
RC07GF221J	81349	11	46	RC32GF102J	81349	4	25
RC07GF221J	81349	13	31	RC32GF102J	81349	11	40
RC07GF221J	81349	14	27	RC32GF472J	81349	4	24
RC07GF222J	81349	11	33	RN55D1782F	81349	17	24
RC07GF222J	81349	13	19	RN60D10R0F	81349	17	25
RC07GF222J	81349	14	25	RT12C2P100	81349	4	19
RC07GF223J	81349	11	29	RT22C2P102	81349	17	21
RC07GF223J	81349	13	36	RT22C2P501	81349	23	11
RC07GF223J	81349	14	35	RT22C2P502	81349	7	11
RC07GF223J	81349	17	17	RT22C2P202	81349	13	35
RC07GF242J	81349	23	12	RWP21F1102F	81349	15	7
RC07GF244J	81349	11	39	RW59G2R0	81349	23	7
RC07GF270J	81349	8	17	RW59V471	81349	17	22
RC07GF272J	81349	11	34	RW67V331	81349	23	8
RC07GF273J	81349	5	19	RW69V101	81349	16	6
RC07GF273J	81349	10	18	RW69V200	81349	16	4
RC07GF273J	81349	11	31	RW69V241	81349	17	23
RC07GF331J	81349	4	15	RW69V911	81349	16	5
RC07GF331J	81349	13	20	SMA583187	80063	6	6
RC07GF331J	81349	21	4	SMA583188	80063	11	18
RC07GF332J	81349	11	35	SMB583062	80063	6	4
RC07GF332J	81349	17	18	SMB583101	80063	17	28
RC07GF333J	81349	13	39	SMB583220-1	80063	13	37
RC07GF333J	81349	14	38	SMB583220-1	80063	14	36
RC07GF391J	81349	14	31	SMB583221-1	80063	11	42
RC07GF392J	81349	7	7	SMB583221-2	80063	4	23
RC07GF392J	81349	10	17	SMB583221-3	81349	5	12
RC07GF394J	81349	11	38	SMB583221-4	80063	11	26
RC07GF394J	81349	21	9	SMB583222-1	80063	8	12
RC07GF432J	81349	11	44	SMB583222-2	81349	8	9
RC07GF471J	81349	13	24	SMB583224-1	80063	13	6
RC07GF472J	81349	4	21	SMB583224-1	80063	14	11
RC07GF472J	81349	5	11	SMB583224-2	80063	14	7
RC07GF472J	81349	7	9	SMB583224-3	80063	13	7
RC07GF472J	81349	10	16	SMB583224-3	80063	14	9
RC07GF472J	81349	11	27	SMB583224-4	80063	14	6
RC07GF472J	81349	13	23	SMB583225	80063	4	6
RC07GF472J	81349	14	34	SMB583225-2	80063	8	2
RC07GF472J	81349	21	8	SMB583226	80063	11	1
RC07GF473J	81349	11	47	SMB583226	80063	13	2
RC07GF473J	81349	13	40	SMB583227	80063	13	4
RC07GF510J	81349	7	6	SMB583227	80063	14	4
RC07GF511J	81349	5	14	SMB583231	80063	4	9
RC07GF513J	81349	10	21	SMB583231	80063	5	21
RC07GF561J	81349	11	45	SMB583231	80063	10	11
RC07GF562J	81349	13	29	SMB583231	80063	11	17
RC07GF562J	81349	14	24	SMB583269	80063	8	4
RC07GF621J	81349	4	22	SMB583282	80063	15	3

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
SMB583282	80063	19	8	SMD583122	80063	19	19
SMC500237	80063	19	2	SMD583125	80063	19	6
SMC500238	80063	19	11	SMD583144	80063	1	2
SMC500407	80063	19	22	SMD583145	80063	2	6
SMC502491	80063	19	23	SMD583146	80063	2	3
SMC502517	80063	19	7	SMD583147	80063	2	4
SMC502778-1	80063	23	1	SMD583148	80063	2	2
SMC502816	80063	19	9	SMD583200	80063	12	2
				SMD583425	80063	15	1
SMC583002	80063	15	8	SMD583428	80063	15	6
SMC583021	80063	19	35	SME583149	80063	2	1
SMC583035	80063	19	16	SMF583008	80063	6	7
SMC583037	80063	19	18	SMF583039	80063	19	1
SMC583038	80063	19	12	SMF583043	80063	19	20
SMC583129	80063	18	7	SMF583055	80063	3	1
SMC583130	80063	18	9	SMF583092	80063	6	5
SMC583131	80063	18	11				
SMC583132	80063	18	12	SMF583116	80063	9	2
SMC583133	80063	18	6	SMF583203	80063	12	4
SMC583143	80063	3	6	SMF583206	80063	12	3
SMC583180	80063	11	51	TXB2P032-037	98978	23	4
SMC583181	80063	4	27	UW2020MA00	96906	19	27
SMC583182	80063	11	50	U79V	96906	19	32
SMC583182	80063	13	42	124-5K	70674	20	5
SMC583183	80063	7	14	2N2727	81349	17	13
SMC583191-1	80063	10	28	2N3636	81349	23	5
SMC583191-2	80063	10	27	2N706B	81349	4	10
SMC583192	80063	11	52	2N706B	81349	5	8
SMC583214	80063	18	1	2N706B	81349	10	13
SMC58322-2	80063	9	3	2N706B	81349	11	21
SMC58322-2	80063	12	1	2N706B	81349	13	16
SMC583223-1	80063	3	3	2N706B	81349	14	16
SMC583223-1	80063	15	4	2N708	81349	17	15
SMC583223-3	80063	18	8	324-5A	70674	14	40
SMC583223-4	80063	18	10	3250W1-502	80294	5	15
SMC583224-2	80063	4	3	3250W1-502	80294	11	49
SMC583272	80063	23	13	3250W1-502	80294	13	32
SMC583478	80063	15	10	3250W1-502	80294	14	28
SMD500007	80063	1	1	3250W66-501	80294	11	30
SMD583058	80063	19	4	342006	75915	19	26
SMD583059	80063	3	5	810000-825	58189	4	26
SMD583081	80063	2	5				

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.	STOCK NUMBER	FIG. NO.	ITEM NO.
			5910-00-787-2109	10	4
5910-00-045-5434	7	4	5910-00-787-2109	11	4
5950-00-079-6045	15	11	5910-00-787-2109	13	1
5905-00-088-0635	17	22	5910-00-787-2109	14	2
5905-00-105-7768	11	45	5961-00-813-9360	4	12
5905-00-113-4860	8	17	5910-00-832-8080	11	8
5905-00-120-9154	13	24	5910-00-847-7288	5	2
5905-00-121-9861	4	25	5910-00-847-7288	10	5
5905-00-121-9861	11	40	5910-00-847-7288	11	7
5910-00-127-1429	15	5	5910-00-847-7288	20	1
5910-00-143-0501	10	9	5910-00-847-7288	22	1
5910-00-143-0501	17	4	5961-00-883-9495	4	10
5905-00-195-6453	8	18	5961-00-883-9495	5	8
5935-00-201-3998	19	27	5961-00-883-9495	10	13
5910-00-236-8745	13	10	5961-00-883-9495	11	21
5905-00-683-2238	10	14	5961-00-883-9495	13	16
5905-00-686-3838	5	19	5961-00-883-9495	14	16
5961-00-712-5578	19	8	5910-00-897-7895	13	8
5961-00-712-5578	15	3	5910-00-897-7895	14	10
5910-00-725-4794	8	1	5910-00-897-7895	17	1
5905-00-764-6087	4	26	5945-00-904-8319	13	14
5910-00-777-6928	21	1	5945-00-904-8319	17	10
5910-00-779-8390	11	3	5945-00-924-9542	18	5
5905-00-781-8683	13	37	5910-00-926-8219	11	6
5905-00-781-8683	14	36	5930-00-930-4432	19	15
5910-00-782-1973	14	8	5955-00-930-4456	11	52
5910-00-783-9403	11	5	5905-00-935-8522	11	42
5910-00-783-9403	13	5	5910-00-936-1331	4	4
5919-00-783-9403	14	5	5910-00-936-1521	16	1
5910-00-784-7714	11	13	5910-00-936-7393	13	3
5910-00-787-2109	4	1	5910-00-936-7393	14	3
5910-00-787-2109	5	5	5950-00-937-3988	15	10
5910-00-787-2109	7	1			

SECTION IV

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CM06F162G03	81349	17	2
JAN1N3666M2	81349	19	14
MS91189-29	96906	15	11
SMC583036	80063	19	15
SMC583097	80063	3	4
SMD583112	80063	9	1
RW69V2R0	81349	23	7

ADDITIONAL LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.
5961-00-586-5130	23	5
5815-00-930-4465	9	1
5915-00-978-4634	19	9
5905-00-978-7702	23	7

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



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Stateside, N.J. 07703

DATE 10 July 1975

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.
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2-25	2-28		
3-10	3-3		3-1
5-6	5-8		

F03

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

REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 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.

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

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HISA 1686-75

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By Order of the Secretary of the Army:

Official:

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Major General, United States Army
The Adjutant General

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