

ARMY TM 11-7440-233-24P

AIR FORCE TO31W1-2FG-4

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL

SUPPORT MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LISTS

**(INCLUDING DEPOT MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS)**

FOR

CONVERTERS, DIGITAL-TO-DIGITAL

CV-2545/FG (NSN 5805-00-782-7296)

AND

CV-2546/FG (NSN 5805-00-782-7300)

DEPARTMENTS OF THE ARMY AND THE AIR FORCE

MAY 1977

Technical MANUAL }
No. 11-7440-233-24P }
Technical Order }
TO 31W1-2FG-4 }

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Current as of 11 January 1977

REPORTING OF ERRORS

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***This manual supersedes so much of TM 11-7440-233-15/TO 31W1-4-193-1, 10 April 1969, 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 CV-2545/FG and CV-2546/FG. 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. Sections II and V. 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. Sections III and VI. Special Tools List. Not applicable.

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

3. Explanation of Columns

a. Illustration. This column is divided as follows:

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

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

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

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

Code

Definition

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

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	<i>Application/Explanation</i>
O-Support item is removed, replaced, used at the organizational 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:	
	<i>Application/Explanation</i>
D-The lowest maintenance level capable of complete repair of the support item is the depot level.	
Z-Nonreparable. No repair is authorized.	
(3) <i>Recoverability code.</i> 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.

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, e'c.

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 CV-2545/FG and CV-2546/FG and their components: TM 11-7440-233-15, Converters, Digital-to-Digital CV-2545/FG and CV-2546/FG

5. How to Locate Repair Parts

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

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

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

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

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

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

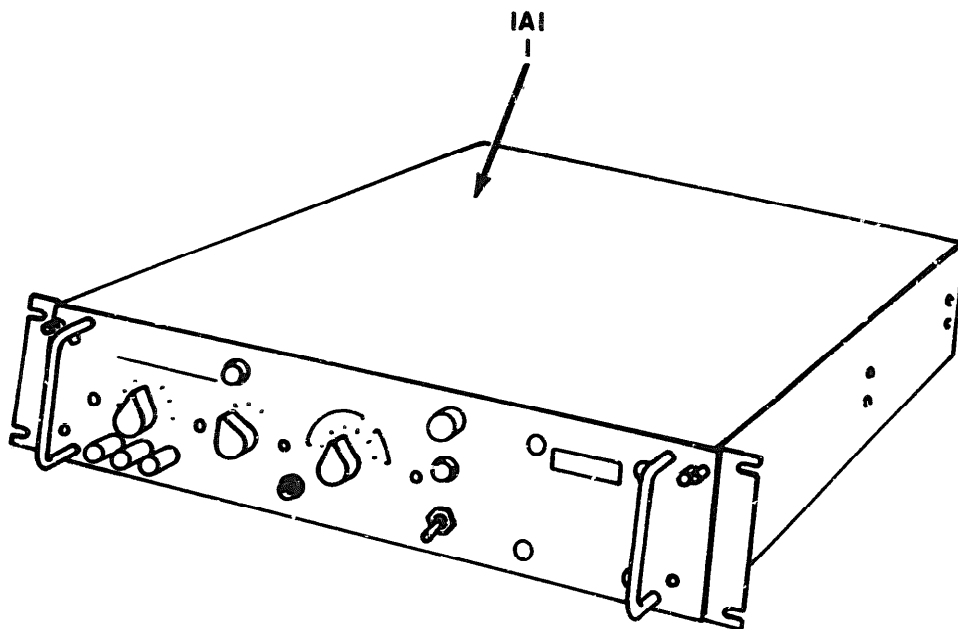
(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

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

6. Abbreviations

Not applicable.

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Figure 1. Converter, Digital-To-Digital CV-2545/FG.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	USABLE ON CODE	U/M	QTY INC IN UNIT
1	1	XDDDL		64020061-000	9623B	GROUP 00 CONVERTER, DIGITAL-TO-DIGITAL CV-2545/FG	E4	1
						CABINET, ELECTRICAL EQUIPMENT		

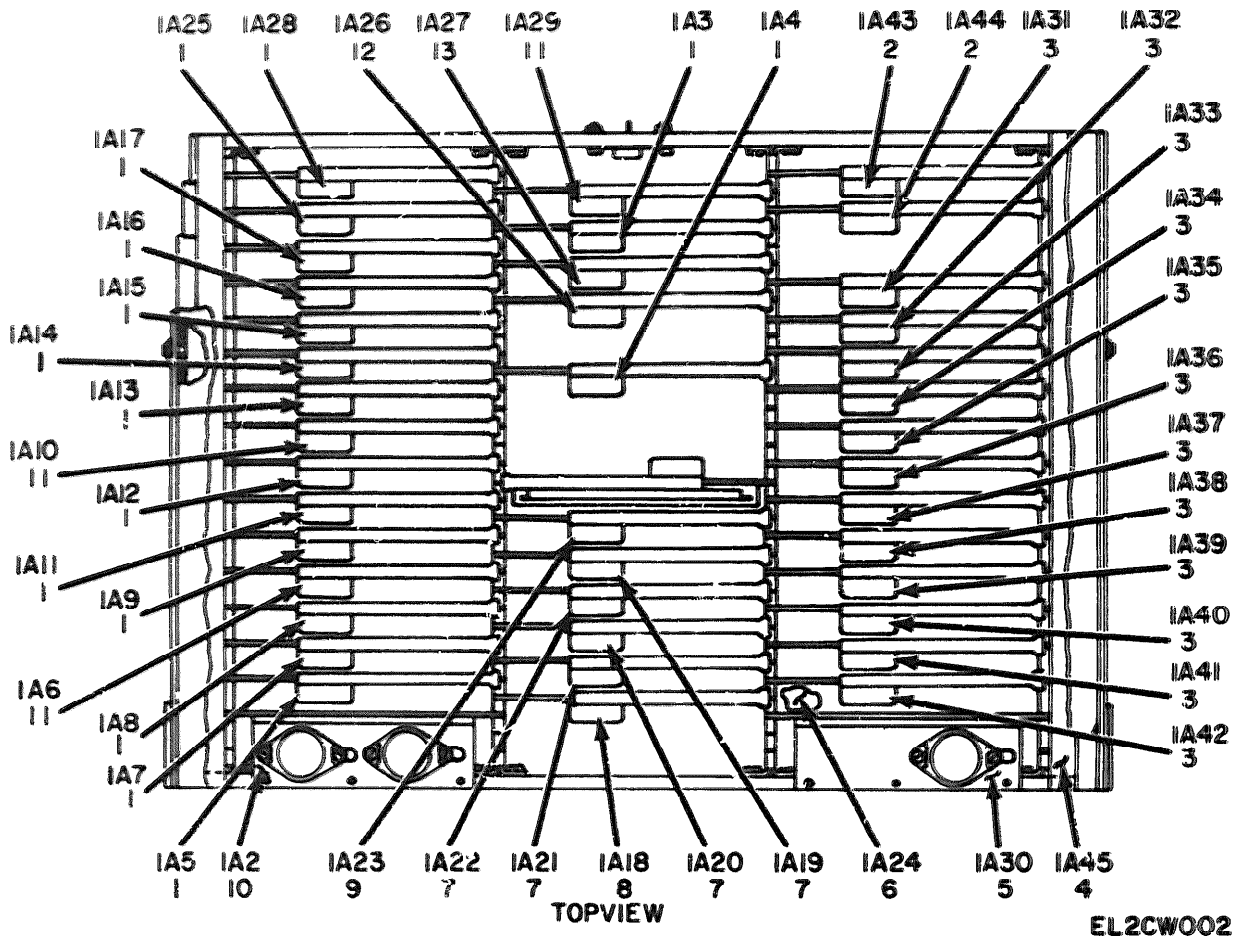


Figure 2. Converter, Digital-to-Digital CV-2545/FG,
(Sheet 1 of 2).

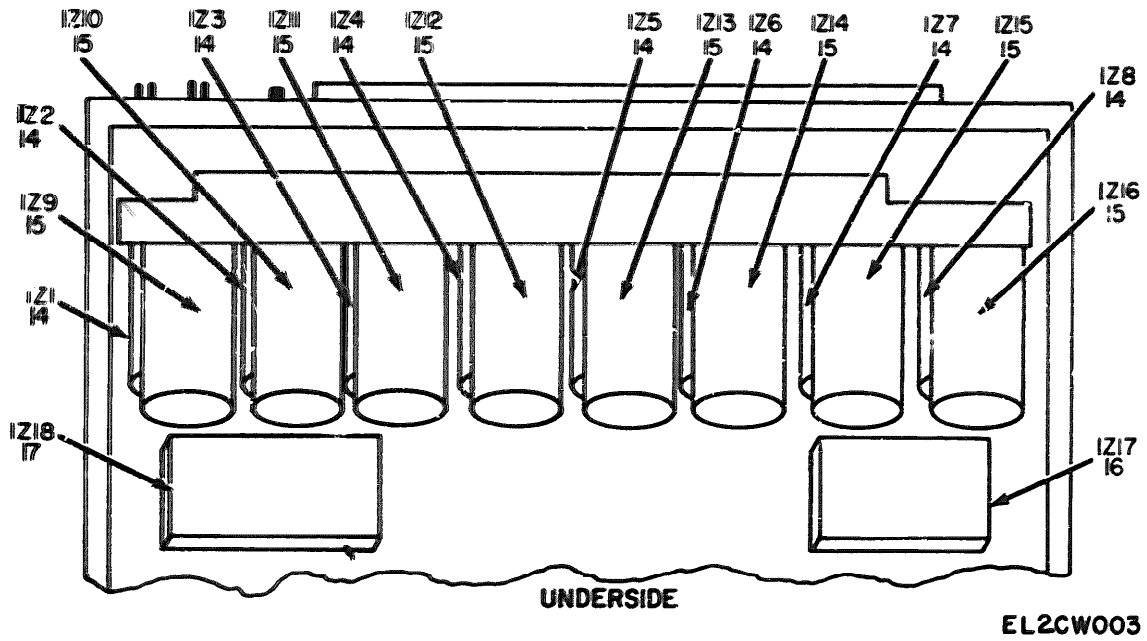


Figure 2. Converter, Digital-To-Digital CV-2545/FG,

(Sheet 2 of 2).

SECTION II

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(A) ILLUSTRATION		(B)	(C)	(D)	(E)	(F)	(G)	(H)
FIG NO	ITEM NO	SNR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	USABLE DN CODE	QTY INC IN UNIT
2	1	PACBL	8805-00-792-0544	30141090	76238	SERIAL PARALLEL SUBASSEMBLY		EA 15
2	2	PACBL	8805-00-792-0512	30141070	76238	SERIAL PARALLEL SUBASSEMBLY		EA 2
2	3	PACBL	8805-00-792-0521	30141080	76238	SERIAL PARALLEL SUBASSEMBLY		EA 12
2	4	ADDDL		30141011	76238	CHASSIS, ELECTRICAL EQUIPMENT		EA 1
2	5	PACBL	8805-00-792-0522	30141040	76238	SERIAL PARALLEL SUBASSEMBLY		EA 1
2	6	PACBL	8805-00-792-0864	30141170	76238	SERIAL PARALLEL SUBASSEMBLY		EA 1
2	7	PACBL	8805-00-792-0537	30141120	76238	SERIAL PARALLEL SUBASSEMBLY		EA 4
2	8	PACBL	8805-00-792-0538	30141020	76238	SERIAL PARALLEL SUBASSEMBLY		EA 1
2	9	PACBL	8805-00-792-0533	30141040	76238	SERIAL PARALLEL SUBASSEMBLY		EA 1
2	10	PACBL	8805-00-792-0540	30141010	76238	SERIAL PARALLEL SUBASSEMBLY		EA 1
2	11	PACBL	8805-00-792-0539	30141030-001	76238	SERIAL PARALLEL SUBASSEMBLY		EA 3
2	12	PACBL	8805-00-792-0524	30141010	76238	SERIAL PARALLEL SUBASSEMBLY		EA 1
2	13	PACBL	8805-00-792-0528	30140010	76238	SERIAL PARALLEL SUBASSEMBLY		EA 1
2	14	PAC22	8805-00-792-0539	3060002-001	76238	CONVERTER, INPUT		EA 2
2	15	PAC22	8805-00-310-0106	3060004-001	76238	CONVERTER, OUTPUT		EA 2
2	16	PAC22	8805-00-792-0864	30600030	76238	CONVERTER, OUTPUT		EA 1
2	17	PAC22	8805-00-389-7009	30196000	76238	CONVERTER, INPUT		EA 1

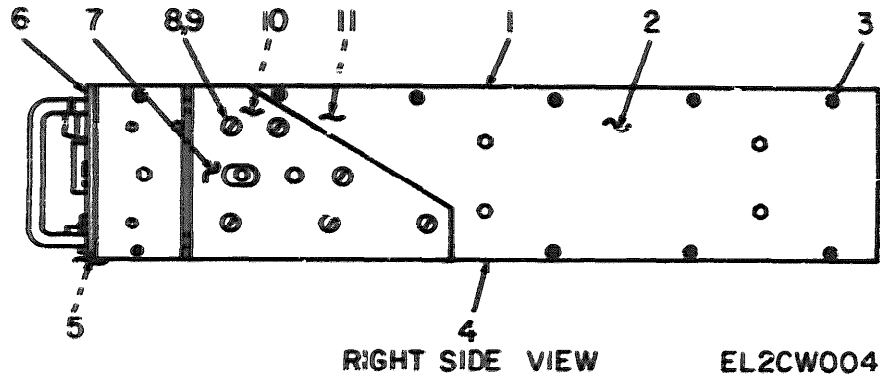
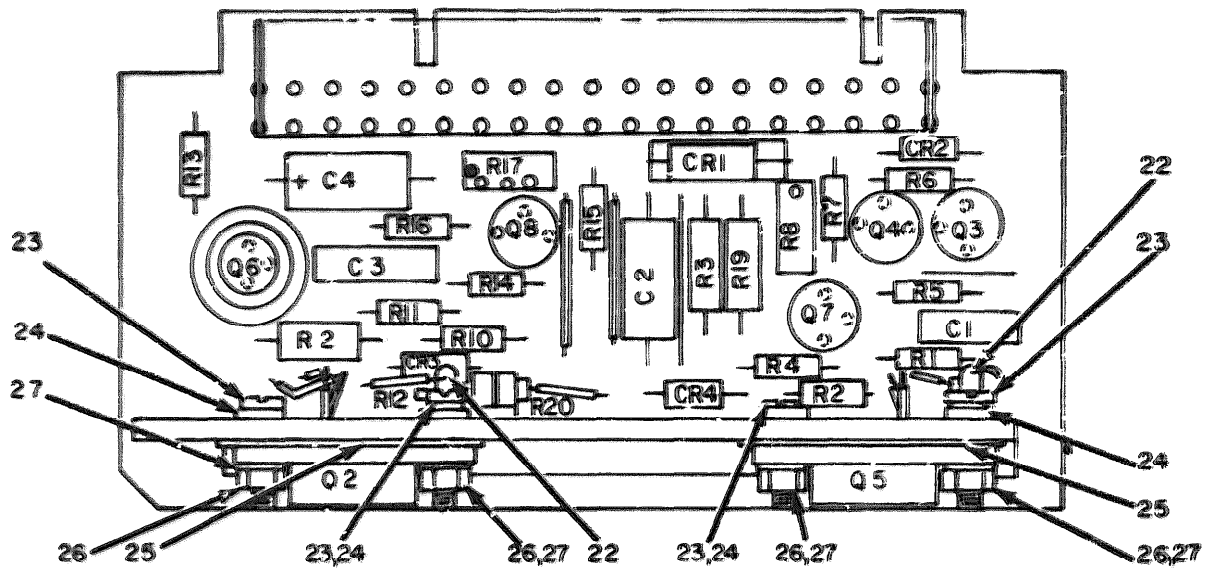


Figure 3. Cabinet, Electrical Equipment, 1A1.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
FIG. NO.	ITEM NO.	ENGR. CODE	NATIONAL STOCK NUMBER	PART NUMBER	PCSW		QTY	INC IN UNIT
GROUP 01 CABINET, ELECTRICAL EQUIPMENT, 1A1								
3	1	X0022		64020062	96238	COVER, TOP	EA	1
3	2	X0022		64020064-001	96238	ADAPTER, SLIDE	EA	1
3	3	P4022	5305-00-530-0198	4535265-15	96906	SCREW, MACHINE	EA	24
3	4	X0022		64020063	96238	COVER, BOTTOM	EA	1
3	5	X0022		62020591-002	96238	PLATE, MOUNTING	EA	1
3	6	X0022		62020591-001	96238	PLATE, MOUNTING	EA	1
3	7	X0022		4435-1	83508	SLIDE	EA	1
3	8	X0022		22N7M62	72962	NUT, SELF LOCKING	EA	12
3	9	P4022	5305-00-530-4887	4535265-14	96906	SCREW, MACHINE	EA	12
3	10	X0022		4435-2	83508	SLIDE	EA	1
3	11	X0022		64020064-002	96238	ADAPTER, SLIDE	EA	1



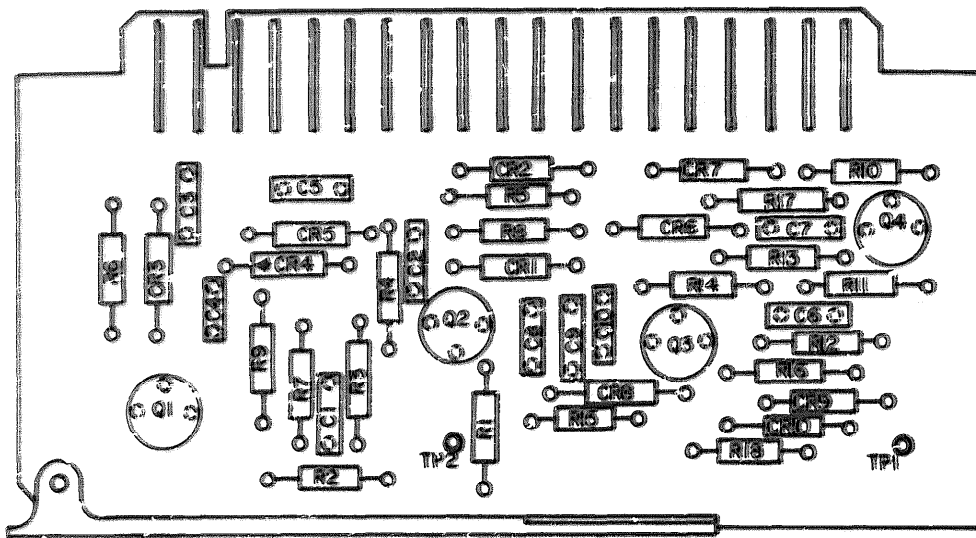
REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	Q5	6	R8	15
C2	2	Q6	8	R10	16
C3	2	Q7	7	R11	10
C4	2	Q8	7	R12	17
CR1	3	R1	9	R13	12
CR2	3	R2	10	R14	18
CR3	4	R3	11	R15	14
CR4	5	R4	12	R16	19
Q2	6	R5	13	R17	15
Q3	7	R6	14	R19	20
Q4	7	R7	13	R20	21

NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A2.

Figure 4. Serial Parallel Subassembly 1A2.

SECTION II

ILLUSTRATION		SYMBOL CODE	NATIONAL STOCK NUMBER	PART NUMBER	DESCRIPTION	QTY	UNIT
(A) FIG NO	(B) ITEM NO						
GROUP 02							
4	1	AC022		110P1-4075J	721156	EA	1
4	2	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	3	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	4	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	5	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	6	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	7	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	8	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	9	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	10	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	11	AC022		30100702	23745	EA	1
4	12	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	13	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	14	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	15	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	16	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	17	AC022		30100703	23745	EA	1
4	18	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	19	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	20	AC022		30100703	23745	EA	1
4	21	AC022		30100703	23745	EA	1
4	22	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	23	AC022		30100703	23745	EA	1
4	24	AC022		30100703	23745	EA	1
4	25	AC022		30100703	23745	EA	1
4	26	PA022	9901-00-0001-1070J	111425-25	24495	EA	2
4	27	PA022	9901-00-0001-1070J	111425-25	24495	EA	2



NOTE: FOR COMPLETE REFERENCE DESIGNATION, PREFIX WITH 1A3, 1A4, 1A5, 1A7, 1A8, 1A9, 1A11, 1A12, 1A13, 1A14, 1A15, 1A16, 1A17, 1A25, 1A28.

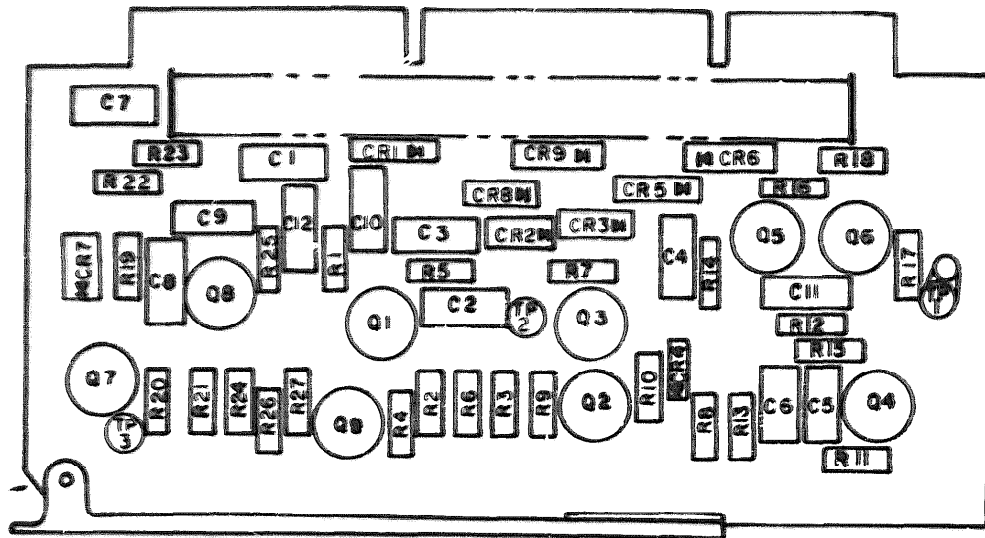
REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	CR5	4	R5	8
C2	1	CR6	4	R6	9
C3	2	CR7	4	R7	9
C4	2	CR8	4	R8	8
C5	3	CR9	4	R9	9
C6	1	CR10	4	R10	6
C7	1	Q1	5	R11	6
C8	2	Q2	5	R12	7
C9	2	Q3	5	R13	7
C10	3	Q4	5	R14	8
CR1	4	R1	6	R15	9
CR2	4	R2	6	R16	9
CR3	4	R3	7	R17	8
CR4	4	R4	7	R18	9

EL2CW006

Figure 5. Serial Parallel Subassembly 1A3.

SECTION II

(A) ALLIANCE/PROJECT		(B)	(C)	(D)	(E)	(F)	(G)
(1) RFG NO.	(2) ITEM NO.	(3) SAMP CODE	(4) MATERIAL SYMBOL NUMBER	(5) PARENT NUMBER	(6) UNIT	(7) DESCRIPTION	(8) QTY
						GROUP 03	
5	1	40822Z	25015-01-2501-2501	010000000000000000000000	750.000	010000000000000000000000	1.00
5	2	40822Z	25015-01-2501-2501	010000000000000000000000	750.000	010000000000000000000000	1.00
5	3	40822Z	25015-01-2501-2501	010000000000000000000000	750.000	010000000000000000000000	1.00
5	4	40822Z	25015-01-2501-2501	010000000000000000000000	750.000	010000000000000000000000	1.00
5	5	40822Z	25015-01-2501-2501	010000000000000000000000	750.000	010000000000000000000000	1.00
5	6	40822Z	25015-01-2501-2501	010000000000000000000000	750.000	010000000000000000000000	1.00
5	7	40822Z	25015-01-2501-2501	010000000000000000000000	750.000	010000000000000000000000	1.00
5	8	40822Z	25015-01-2501-2501	010000000000000000000000	750.000	010000000000000000000000	1.00
5	9	40822Z	25015-01-2501-2501	010000000000000000000000	750.000	010000000000000000000000	1.00



REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	CR1	5	Q4	6	R7	12	R19	7
C2	2	CR2	5	Q5	6	R8	13	R20	8
C3	3	CR3	5	Q6	6	R9	11	R21	14
C4	1	CR4	5	Q7	6	R10	7	R22	10
C5	2	CR5	5	Q8	6	R11	8	R23	7
C6	3	CR6	5	Q9	6	R12	14	R24	11
C7	1	CR7	5	R1	7	R13	10	R25	12
C8	2	CR8	5	R2	8	R14	7	R26	13
C9	3	CR9	5	R3	9	R15	11	R27	11
C10	4	Q1	6	R4	10	R16	12		
C11	4	Q2	6	R5	7	R17	13		
C12	4	Q3	6	R6	11	R18	11		

NOTE FOR COMPLETE REFERENCE DESIGNATION
 PREFIX WITH A6, 1A10, 1A29.

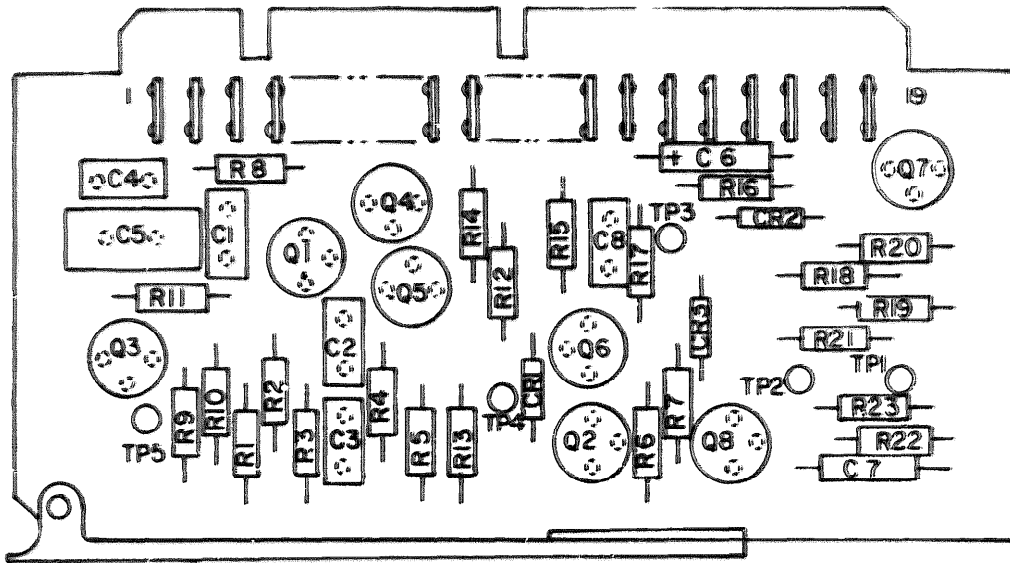
EL2CW007

Figure 6. Serial Parallel Subassembly 1A6.

SECTION II

TM 11-7440-233-24P/TO 31W1-2FG-4

(1) ILLUSTRATION:		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SWR CODE	MANUFACT STOCK NUMBER	PART NUMBER	FIGURE		QTY INC IN KIT	
GROUP 06 SERIAL PARALLEL SUBASSEMBLY DAS								
6	1	PA022	5945-00-046-2924	DM25P(02)	720 36	CAPACITOR, FIBRE, MICA	EA	3
6	2	X0022		DM25F(02) 0M05F02040500W0CR	720 36	CAPACITOR, FIBRE, MICA	EA	3
6	3	PA022	5945-00-046-2922	DM25E(02) 0M05E04040500W0CR	720 36	CAPACITOR, FIBRE, MICA	EA	3
6	4	X0022		DM25F(02) 0M05F20040500W0CR	720 36	CAPACITOR, FIBRE, MICA	EA	3
6	5	PA022	5945-00-056-2971	DM27D	803 49	SEMICONDUCTOR DEVICE, DIODE	EA	6
6	6	PA022	5945-00-055-2537	SR235	562 38	TRANSISTOR	EA	9
6	7	PA022	5945-00-092-0449	RC20GF 209J	803 49	RESISTOR, FIXED, COMPOSITION	EA	6
6	8	PA022	5945-00-279-3404	RC20GF 332J	803 49	RESISTOR, FIXED, COMPOSITION	EA	3
6	9	PA022	5945-00-279-3400	RC20GF 009J	803 49	RESISTOR, FIXED, COMPOSITION	EA	1
6	10	PA022	5945-00-279-3405	RC20GF 753J	803 49	RESISTOR, FIXED, COMPOSITION	EA	3
6	11	PA022	5945-00-279-2673	RC20GF 052J	803 49	RESISTOR, FIXED, COMPOSITION	EA	6
6	12	PA022	5945-00-279-2673	RC20GF 622J	803 49	RESISTOR, FIXED, COMPOSITION	EA	3
6	13	PA022	5945-00-279-5201	RC20GF 473J	803 49	RESISTOR, FIXED, COMPOSITION	EA	3
6	14	PA022	5945-00-257-0939	RC20GF 432J	803 49	RESISTOR, FIXED, COMPOSITION	EA	2



REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	Q2	8	R6	12	R18	21
C2	2	Q3	9	R7	12	R19	22
C3	3	Q4	9	R8	15	R20	13
C4	2	Q5	7	R9	16	R21	23
C5	4	Q6	7	R10	13	R22	24
C6	5	Q7	9	R11	17	R23	13
C7	5	Q8	10	R12	18		
C8	2	R1	11	R13	18		
CR1	6	R2	11	R14	18		
CR2	6	R3	12	R15	19		
CR3	6	R4	13	R16	20		
Q1	7	R5	14	R17	20		

NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A1B

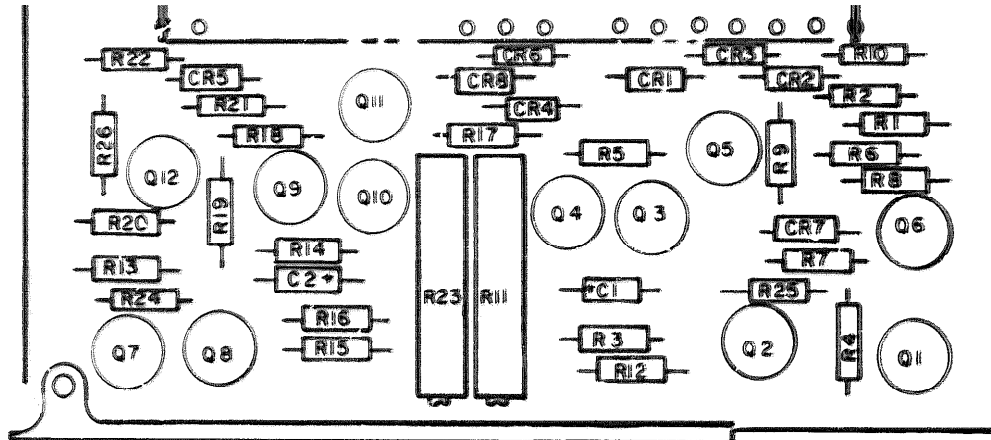
EL2CW008

Figure 7. Serial Parallel Subassembly 1A1B.

SECTION II

TM 11-7440-233-24P/TO 31W1-2FG-4

(1) HULL IDENTIFICATION		(2)	(3) MATERIAL SPECIFICATION	(4) PART NUMBER	(5) REVISION	(6) DESCRIPTION	(7) QTY	(8) UNIT
(A) PART NO.	(B) PART NO.	(C) PART NO.	(D) PART NO.	(E) PART NO.	(F) PART NO.	(G) PART NO.	(H) PART NO.	(I) PART NO.
GROUP 18								
SHEET 18 OF 18, SEE SHEET 18 OF 18								
7	1	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	2	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	3
7	3	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	4	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	5	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	2
7	6	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	3
7	7	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	3
7	8	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	9	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	3
7	10	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	11	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	2
7	12	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	3
7	13	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	4
7	14	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	15	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	16	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	17	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	18	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	3
7	19	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	20	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	2
7	21	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	22	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	23	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1
7	24	400000		400000-0000	0000	COVER, 400000, 400000, 400000	EA	1



REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	Q3	3	R3	8	R15	8
C2	1	Q4	4	R4	8	R16	8
CR1	2	Q5	4	R5	9	R17	9
CR2	2	Q6	5	R6	10	R18	10
CR3	2	Q7	3	R7	11	R19	11
CR4	2	Q8	4	R8	12	R20	12
CR5	2	Q9	3	R9	13	R21	13
CR6	2	Q10	4	R10	14	R22	14
CR7	2	Q11	4	R11	15	R23	15
CR8	2	Q12	5	R12	8	R24	8
Q1	3	R1	6	R13	6	R25	8
Q2	4	R2	7	R14	7	R26	8

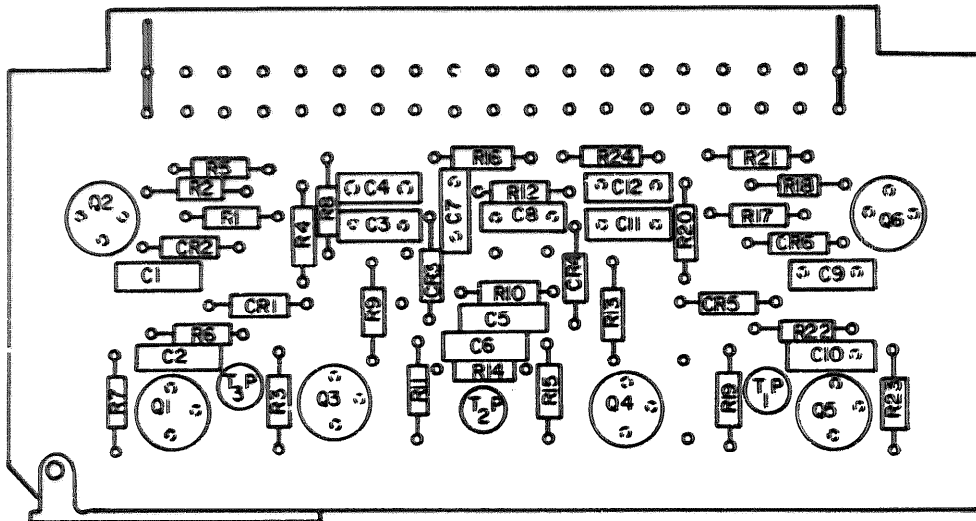
NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A19, 1A20, 1A21, 1A22.

EL2CW009

Figure 8. Serial Parallel Subassembly 1A19.

SECTION II

(A) ILLUSTRATION		(B)	(C)	(D)	(E)	(F) DESCRIPTION	(G)	(H)
(1) FIG. NO.	(2) ITEM NO.	SMR CODE	NATIONAL SPEC. NUMBER	PART NUMBER	REQD.		QTY.	UNIT
						GROUP 19 SERIAL PARALLEL SUBASSEMBLY 1A19		
8	1	PA022	5910-00-495-0242	1500054903542	56249	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
8	2	PA022	5961-00-956-2091	14070	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
8	3	PA022	5961-00-095-2934	ST0204	96238	TRANSISTOR	EA	4
8	4	PA022	5961-00-095-2939	ST0209	96238	TRANSISTOR	EA	2
8	5	PA022	5761-00-095-2937	ST0205	96238	TRANSISTOR	EA	2
8	6	PA022	5905-00-279-1751	RC206F302J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
8	7	PA022	5905-00-279-3496	RC206F523J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
8	8	PA022	5905-00-195-4806	RC206F102J	81349	RESISTOR, FIXED, COMPOSITION	EA	6
8	9	PA022	5905-00-195-0510	RC206F103J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
8	10	PA022	5905-00-192-0849	RC206F203J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
8	11	PA022	5905-00-194-3442	RC206F102J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
8	12	PA022	5905-00-299-1971	RC206F822J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
8	13	PA022	5905-00-279-3506	RC206F332J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
8	14	PA022	5905-00-171-1998	RC206F333J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
8	15	PA022	5905-00-428-3502	275-1-109	81294	RESISTOR, VARIABLE	EA	2



NOTE: FOR COMPLETE REFERENCE DESIGNATION, PREFIX WITH 1A23.

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C11	2	Q3	4	R7	6	R17	5
C2	1	C12	2	Q4	4	R8	7	R18	5
C3	2	CR1	3	Q5	4	R9	5	R19	6
C4	2	CR2	3	Q6	4	R10	5	R20	7
C5	1	CR3	3	R1	5	R11	6	R21	5
C6	1	CR4	3	R2	5	R12	7	R22	5
C7	2	CR5	3	R3	6	R13	5	R23	6
C8	2	CR6	3	R4	7	R14	5	R24	7
C9	1	Q1	4	R5	5	R15	6		
C10	1	Q2	4	R6	5	R16	7		

EL2CW010

Figure 9. Serial Parallel Subassembly 1A23.

SECTION II

TM 11-7440-233-24P/TO 31W1-2FG-4

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO	(B) ITEM NO	QTY CODE	NATIONAL STOCK NUMBER	PART NUMBER	QTY	DESCRIPTION	UNIT	QTY
						USABLE QTY CODE		
GROUP 23 SERIAL PARALLEL SUBASSEMBLY 1A23								
9	1	EA02Z	9900-00-619-2924	3M953000	72036	CAPACITOR, FIXED, MICA	EA	6
9	2	EA02Z		0M9510049000W0 CR	72036	CAPACITOR, FIXED, MICA	EA	6
9	3	EA02Z	9900-00-954-2090	2A270	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
9	4	EA02Z	9900-00-999-2986	260734	54289	TRANSISTOR	EA	6
9	5	EA02Z	9905-00-149-8887	AC206F232J	81349	RESISTOR, FIXED, COMPOSITION	EA	12
9	6	EA02Z	9905-00-279-3499	AC206F279J	81349	RESISTOR, FIXED, COMPOSITION	EA	6
9	7	EA02Z	9905-00-279-1797	AC206F192J	81349	RESISTOR, FIXED, COMPOSITION	EA	6

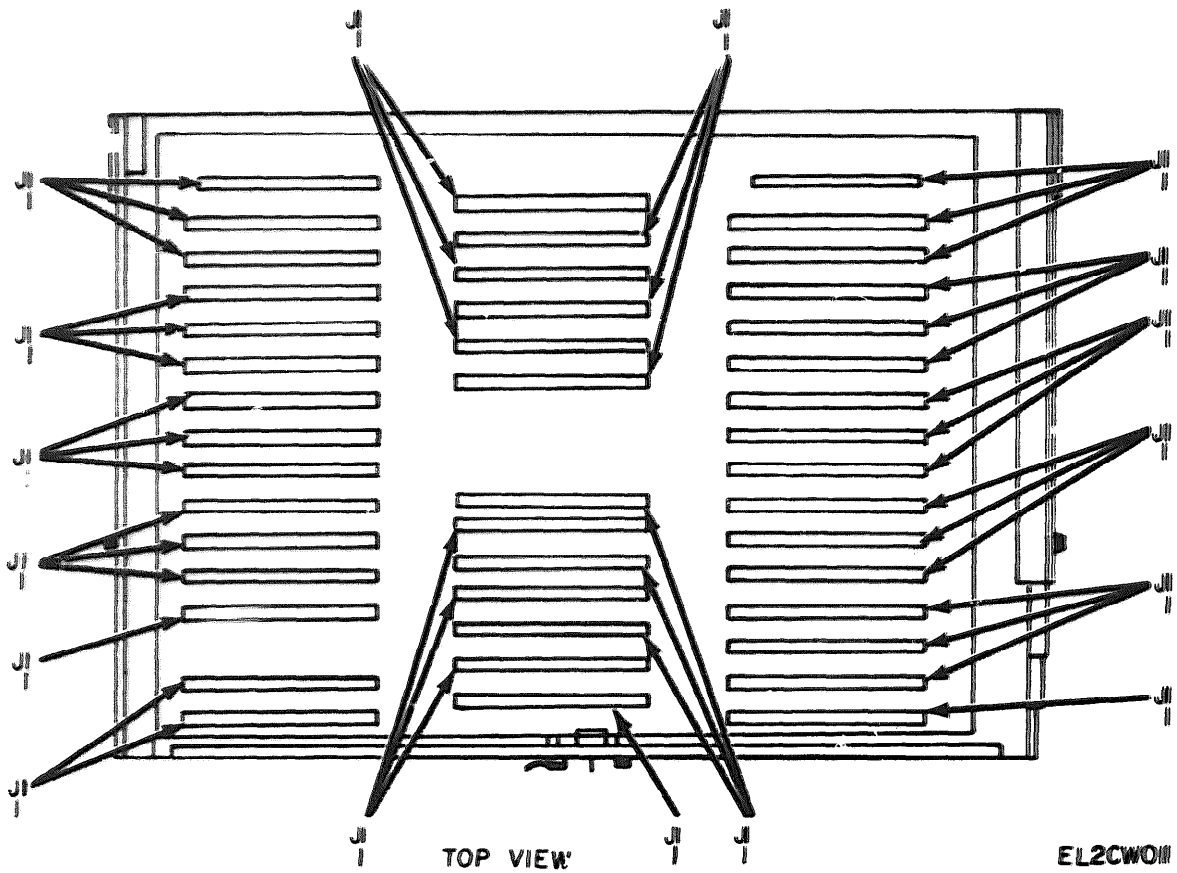
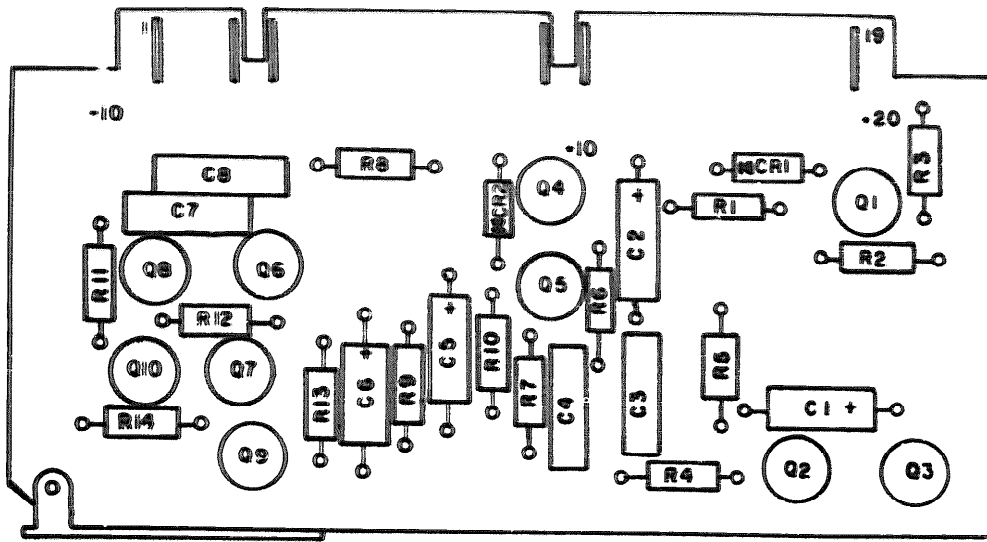


Figure 10. Serial Parallel Subassembly 1A24.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SNR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCW		U/M	QTY INC IN UNIT
10	1	40022		5007-019-140-00	91662	GROUP 24 SERIAL PARALLEL SUBASSEMBLY 1A24 CONNECTOR, RECEPTACLE, ELECTRICAL	EA	44



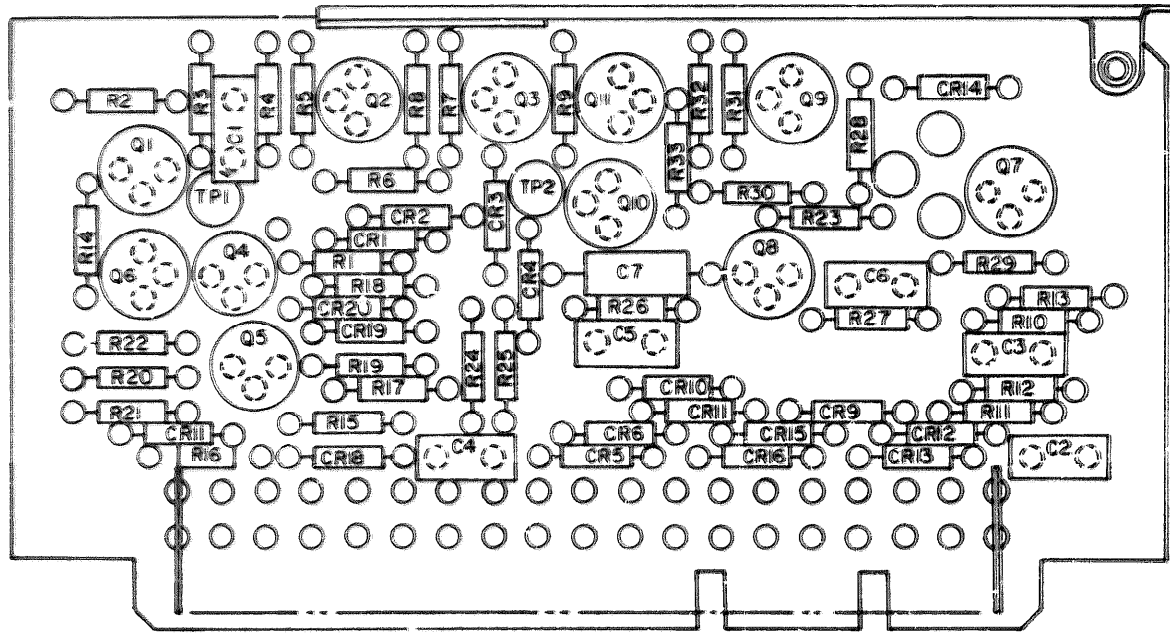
REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C7	2	Q3	6	Q9	5	R5	11	R11	10
C2	1	C8	2	Q4	5	Q10	6	R6	11	R12	11
C3	2	CR1	3	Q5	6	R1	7	R7	10	R13	11
C4	2	CR2	3	Q6	4	R2	6	R8	7	R14	10
C5	1	Q1	4	Q7	5	R3	9	R9	8		
C6	1	Q2	5	Q8	6	R4	10	R10	9		

NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A26.

EL2CW012

Figure 11. Serial Parallel Subassembly 1A26.

(1) ILLUSTRATION:		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) QTY NO.	SNR CODE	MANUFACTURER STOCK NUMBER	PART NUMBER	FIG NO.		QTY INC IN UNIT	U/M
							DISABLE ON CODE	
GROUP 26, SERIAL PARALLEL SUBASSEMBLY 1A26								
11	1	PA02Z	5910-00-953-7146	RE1014	56286	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
11	2	PA02Z	5910-00-897-0101	10P1-103K	72136	CAPACITOR, FIXED, PAPER	EA	4
11	3	PA02Z	5961-00-556-2091	1N270	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
11	4	PA02Z	5461-00-855-2537	5T205	96238	TRANSISTOR	EA	2
11	5	PA02Z	5961-00-855-2530	5T204	96238	TRANSISTOR	EA	4
11	6	PA02Z	5961-00-855-2539	5T123	96238	TRANSISTOR	EA	4
11	7	PA02Z	5905-00-279-3499	RC20GF273J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
11	8	PA02Z	5905-00-249-3441	RC20GF683J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
11	9	PA02Z	5905-00-219-3505	RC20GF392J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
11	10	PA02Z	5905-00-195-6800	RC20GF561J	81349	RESISTOR, FIXED, COMPOSITION	EA	4
11	11	PA02Z	5905-00-105-0510	RC20GF103J	81349	RESISTOR, FIXED, COMPOSITION	EA	4



NOTE 1: FOR COMPLETE REFERENCE DESIGNATION, PREFIX WITH 1A27

NOTE 2: CR7 AND CR8 ARE NOT ILLUSTRATED.

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	5	CR18	5	Q10	7	R11	17	R23	24
C2	2	CR7	5	CR19	6	Q11	8	R12	18	R24	22
C3	2	CR8	5	CR20	6	R1	10	R13	16	R25	22
C4	2	CR9	5	Q1	7	R2	11	R14	13	R26	25
C5	3	CR10	5	Q2	7	R3	12	R15	13	R27	25
C6	3	CR11	5	Q3	7	R4	13	R16	13	R28	26
C7	4	CR12	5	Q4	7	R5	14	R17	19	R29	26
CR1	5	CR13	5	Q5	7	R6	15	R18	20	R30	15
CR2	5	CR14	5	Q6	7	R7	13	R19	20	R31	13
CR3	5	CR15	5	Q7	8	R8	14	R20	21	R32	20
CR4	5	CR16	5	Q8	8	R9	16	R21	22	R33	27
CR5	5	CR17	5	Q9	9	R10	17	R22	23		

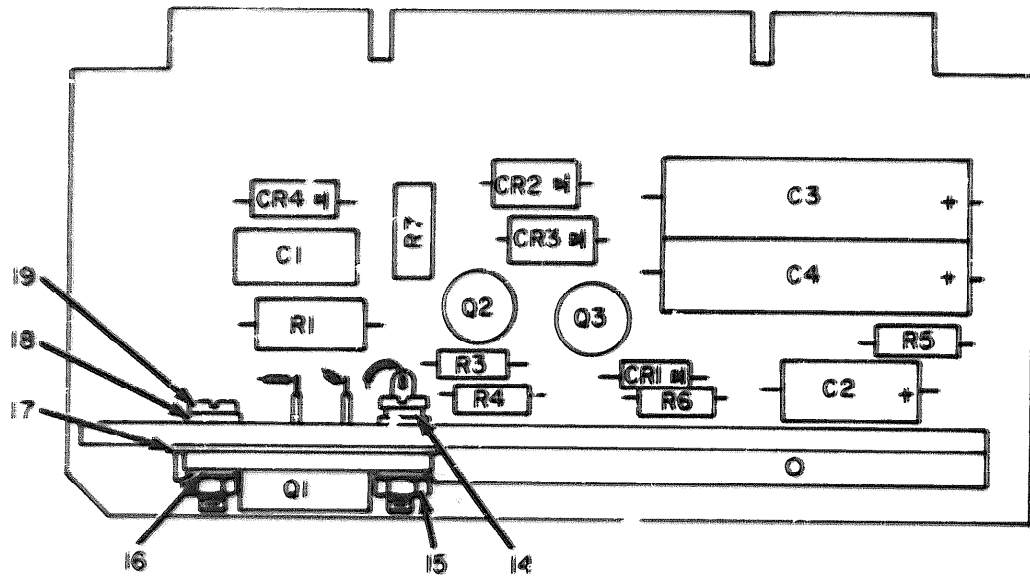
EL2CW013

Figure 12. Serial Parallel Subassembly 1A27.

SECTION II

TM 11-7440-233-24/TO 31W1-2FG-4

ILLUSTRATION		PART		DESCRIPTION		QTY	
(a) FIG NO.	(b) ITEM NO.	(c) SMB CODE	(d) NATIONAL STOCK NUMBER	(e) PART NUMBER	(f) DESCN	(g) UNIT	(h) AMT
GROUP 27 SERIAL PARALLEL SUBASSEMBLY							
80141020 1A27							
12	1	PA02Z	5905-00-000-4430	00000000	CAPACITOR, FIXED, MICA	EA	1
12	2	PA02Z	5905-00-000-4430	00000000	CAPACITOR, FIXED, MICA	EA	3
12	3	PA02Z	5905-00-000-4430	00000000	CAPACITOR, FIXED, MICA	EA	3
12	4	PA02Z	5905-00-000-4430	00000000	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
12	5	PA02Z	5905-00-000-4430	00000000	SEMICONDUCTOR DEVICE, DIODE	EA	16
12	6	PA02Z	5905-00-000-4430	00000000	SEMICONDUCTOR DEVICE, DIODE	EA	2
12	7	PA02Z	5905-00-000-4430	00000000	TRANSISTOR	EA	2
12	8	PA02Z	5905-00-000-4430	00000000	TRANSISTOR	EA	3
12	9	PA02Z	5905-00-000-4430	00000000	TRANSISTOR	EA	1
12	10	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	1
12	11	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	1
12	12	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	1
12	13	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	6
12	14	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	2
12	15	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	2
12	16	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	2
12	17	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	2
12	18	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	1
12	19	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	1
12	20	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	3
12	21	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	1
12	22	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	3
12	23	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	1
12	24	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	1
12	25	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	2
12	26	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	2
12	27	PA02Z	5905-00-000-4430	00000000	RESISTOR, FIXED, COMPOSITION	EA	1



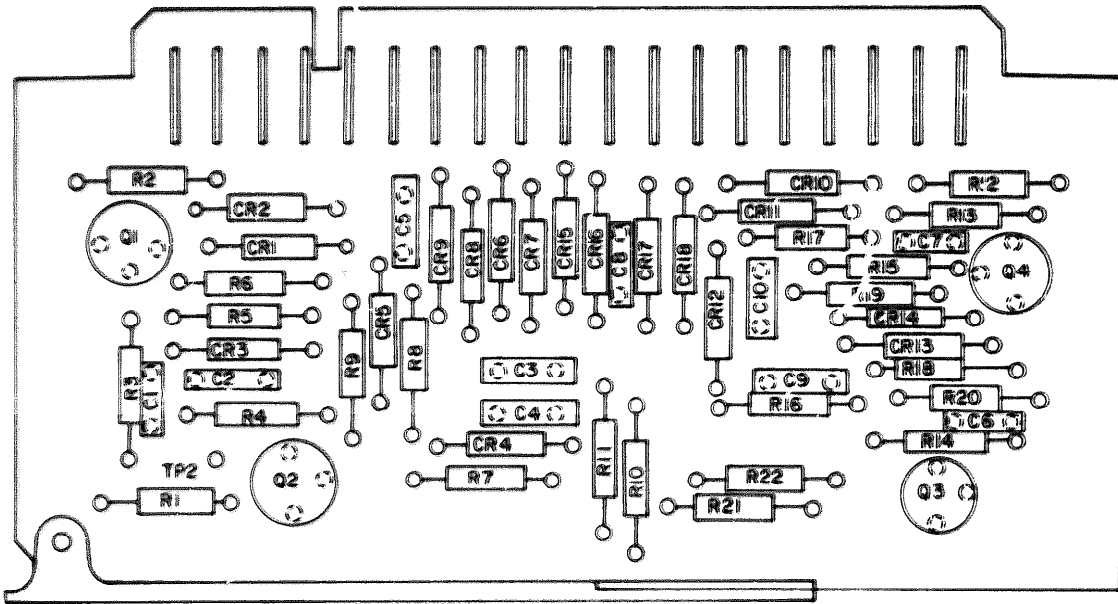
REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	CR3	5	R3	10
C2	2	CR4	6	R4	11
C3	3	Q1	7	R5	10
C4	3	Q2	8	R6	12
CR1	4	Q3	8	R7	13
CR2	5	R1	9		

NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A30

EL2CW014

Figure 23. Serial Parallel Subassembly 1A30.

SECTION II							
品目名稱及規格		品名	單位	數量	備註	品名	單位
(A) 品目	(B) 規格	(C) 品名	(D) 單位	(E) 數量	(F) 備註	(G) 品名	(H) 單位
GROUP 30							
1.3	1	ACZZ	1000	1000	ACZZ	1000	1000
1.3	2	ACZZ	1000	1000	ACZZ	1000	1000
1.3	3	ACZZ	1000	1000	ACZZ	1000	1000
1.3	4	ACZZ	1000	1000	ACZZ	1000	1000
1.3	5	ACZZ	1000	1000	ACZZ	1000	1000
1.3	6	ACZZ	1000	1000	ACZZ	1000	1000
1.3	7	ACZZ	1000	1000	ACZZ	1000	1000
1.3	8	ACZZ	1000	1000	ACZZ	1000	1000
1.3	9	ACZZ	1000	1000	ACZZ	1000	1000
1.3	10	ACZZ	1000	1000	ACZZ	1000	1000
1.3	11	ACZZ	1000	1000	ACZZ	1000	1000
1.3	12	ACZZ	1000	1000	ACZZ	1000	1000
1.3	13	ACZZ	1000	1000	ACZZ	1000	1000
1.3	14	ACZZ	1000	1000	ACZZ	1000	1000
1.3	15	ACZZ	1000	1000	ACZZ	1000	1000
1.3	16	ACZZ	1000	1000	ACZZ	1000	1000
1.3	17	ACZZ	1000	1000	ACZZ	1000	1000
1.3	18	ACZZ	1000	1000	ACZZ	1000	1000
1.3	19	ACZZ	1000	1000	ACZZ	1000	1000



NOTE: FOR COMPLETE REFERENCE DESIGNATION, PREFIX WITH 1A31, 1A32, 1A33, 1A34, 1A35, 1A36, 1A37, 1A38, 1A39, 1A40, 1A41, 1A42.

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	C9	2	CR7	4	CR5	4	R1	6	R9	9	R17	9
C2	1	C10	3	CR8	4	CR6	4	R2	6	R10	10	R18	9
C3	2	CR1	4	CR9	4	CR7	4	R3	7	R11	10	R19	8
C4	2	CR2	4	CR10	4	CR8	4	R4	7	R12	6	R20	9
C5	3	CR3	4	CR11	4	Q1	5	R5	8	R13	6	R21	10
C6	1	CR4	4	CR12	4	Q2	5	R6	9	R14	7	R22	10
C7	1	CR5	4	CR13	4	Q3	5	R7	9	R15	7		
C8	2	CR6	4	CR14	4	Q4	5	R8	8	R16	8		

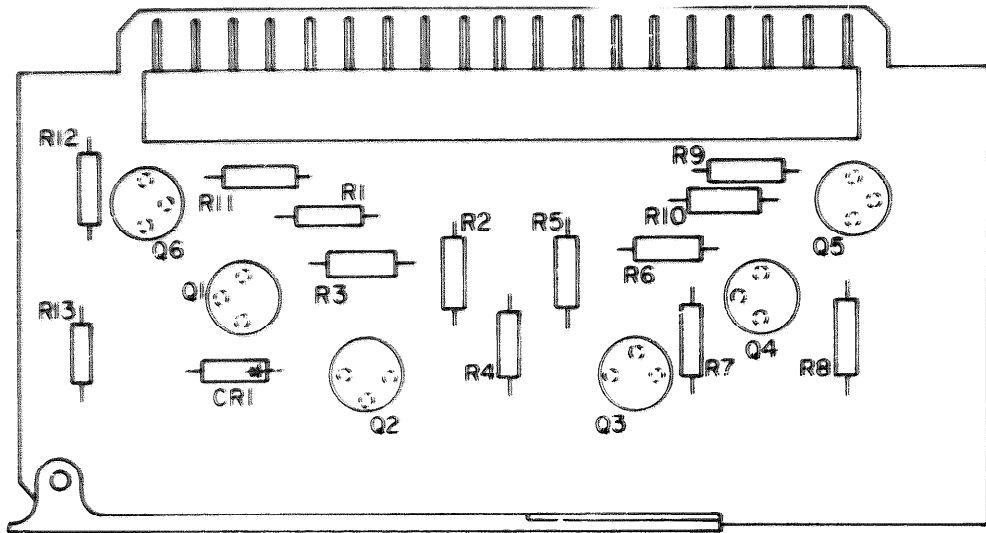
EL2CW015

Figure 14. Serial Parallel Subassembly 1A31.

SECTION II

TM 11-7440-233-24P/TO 31W1-2FG-4

(7) ALLOCATION		(8)	(9)	(10)	(11)	(12) DESCRIPTION	(13)	(14)
(6) REQ NO	(5) ITEM NO	UNIT CODE	NATIONAL STOCK NUMBER	UNIT NUMBER	REQD		USABLE QTY CODE	QTY REQD
GROUP 31 SERIAL PARALLEL SUBASSEMBLY TAB 1								
14	1	FA022	5905-00-034-2892	0M95H0000000000000 CR	70036	CAPACITOR, FIXED, mica		EA 4
14	2	FA022		0M95H0000000000000 CR	70036	CAPACITOR, FIXED, mica		EA 4
14	3	FA022		0M95H0000000000000 CR	70036	CAPACITOR, FIXED, mica		EA 2
14	4	FA022	5905-00-056-2891	5K270	01349	SEMICONDUCTOR DEVICE, DIODE		EA 16
14	5	FA022	5905-00-055-2837	ST205	01349	TRANSISTOR		EA 4
14	6	FA022	5905-00-276-1800	RC20CF272J	01349	RESISTOR, FIXED, COMPOSITION		EA 4
14	7	FA022	5905-00-276-1870	RC20CF243J	01349	RESISTOR, FIXED, COMPOSITION		EA 4
14	8	FA022	5905-00-276-1494	RC20CF023J	01349	RESISTOR, FIXED, COMPOSITION		EA 4
14	9	FA022	5905-00-285-0510	RC20CF103J	01349	RESISTOR, FIXED, COMPOSITION		EA 4
14	10	FA022	5905-00-171-1458	RC20CF333J	01349	RESISTOR, FIXED, COMPOSITION		EA 4



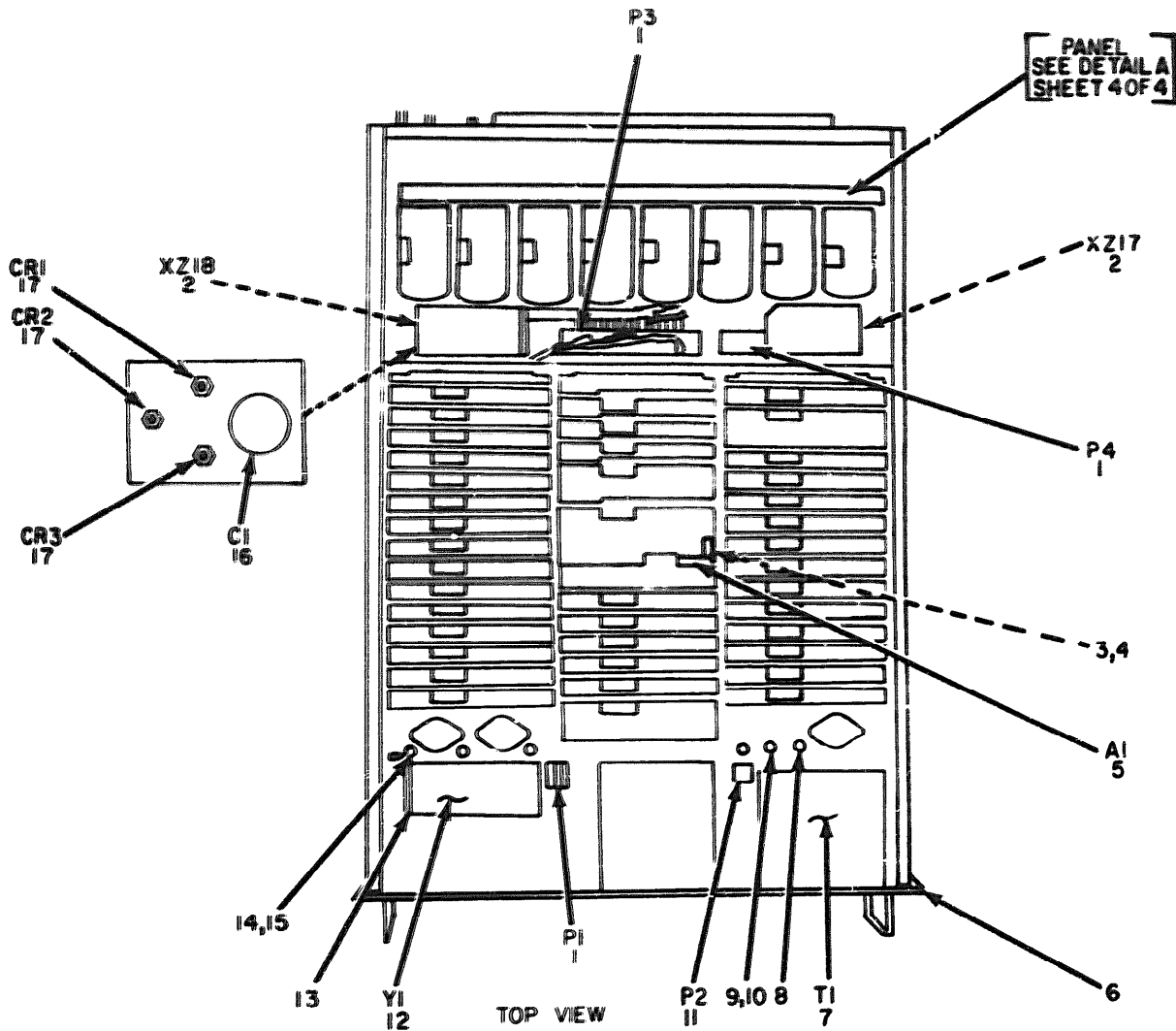
REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.
CRI	1	Q5	2	R4	5	R9	4
Q1	2	Q6	3	R5	4	R10	5
Q2	2	R1	4	R6	4	R11	5
Q3	2	R2	4	R7	5	R12	6
Q4	2	R3	5	R8	5	R13	5

NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A43, 1A44.

EL2CW016

Figure 15, Serial Parallel Subassembly 1A43.

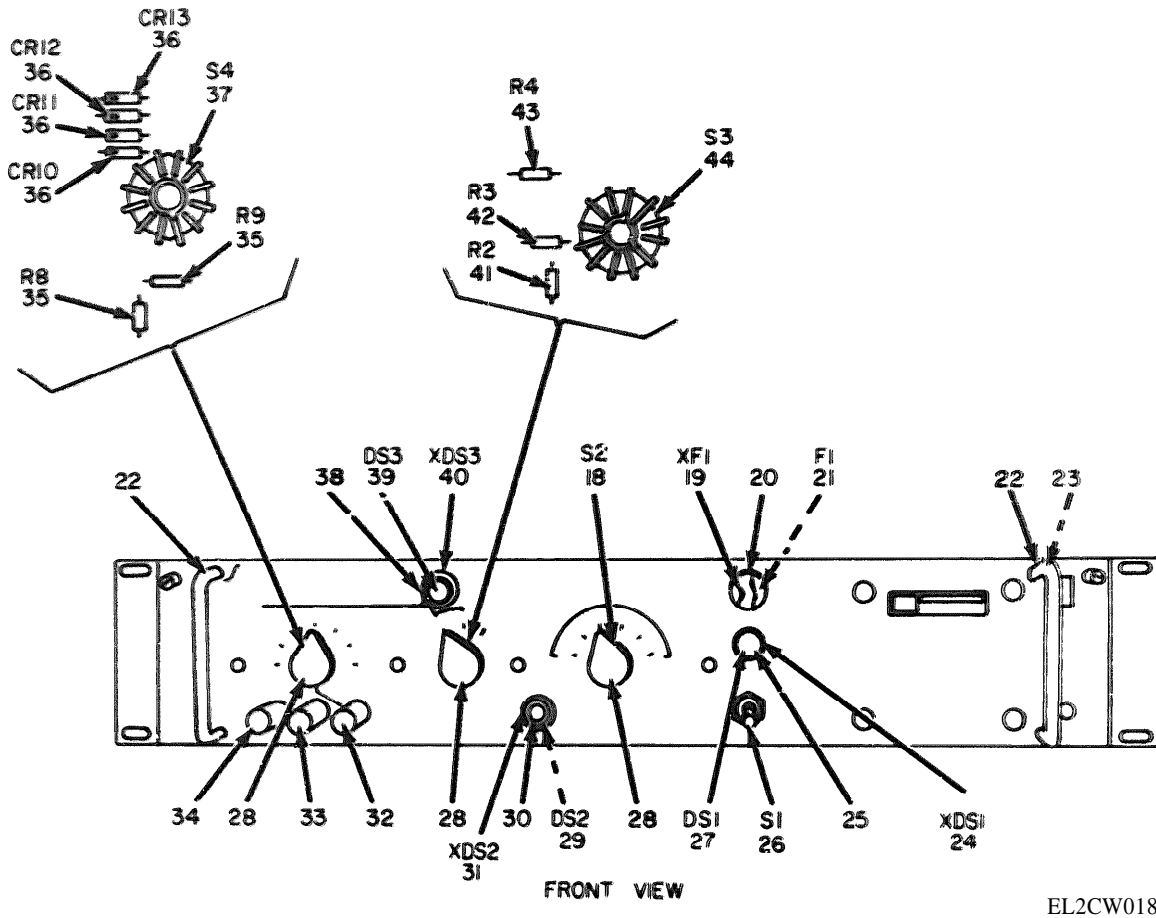
ILLUSTRATION						DESCRIPTION			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
FIG NO.	ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM			QTY INC	UNIT
GROUP 43 SERIAL PARALLEL SUBASSEMBLY 1A43									
15	1	PAD22	5961-00-556-2091	1N270	81349	SEMICONDUCTOR DEVICE, DIODE		EA	1
15	2	PAD22	5961-00-855-2539	5T121	96239	TRANSISTOR		EA	5
15	3	PAD22	5961-00-855-2536	5T204	96239	TRANSISTOR		EA	1
15	4	PAD22	5905-00-190-8887	RC20GF202J	81349	RESISTOR, FIXED, COMPOSITION		EA	5
15	5	PAD22	5905-00-279-2019	RC20GF512J	81349	RESISTOR, FIXED, COMPOSITION		EA	1
15	6	PAD22	5905-00-249-3656	RC20GF623J	81349	RESISTOR, FIXED, COMPOSITION		EA	1



NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A45

EL2CW017

Figure 16. Chassis, Electrical Equipment 90141011 (Sheet 1 of 4).



EL2CW018

Figure 16. Chassis, Electrical Equipment 90141011 (Sheet 2 of 4).

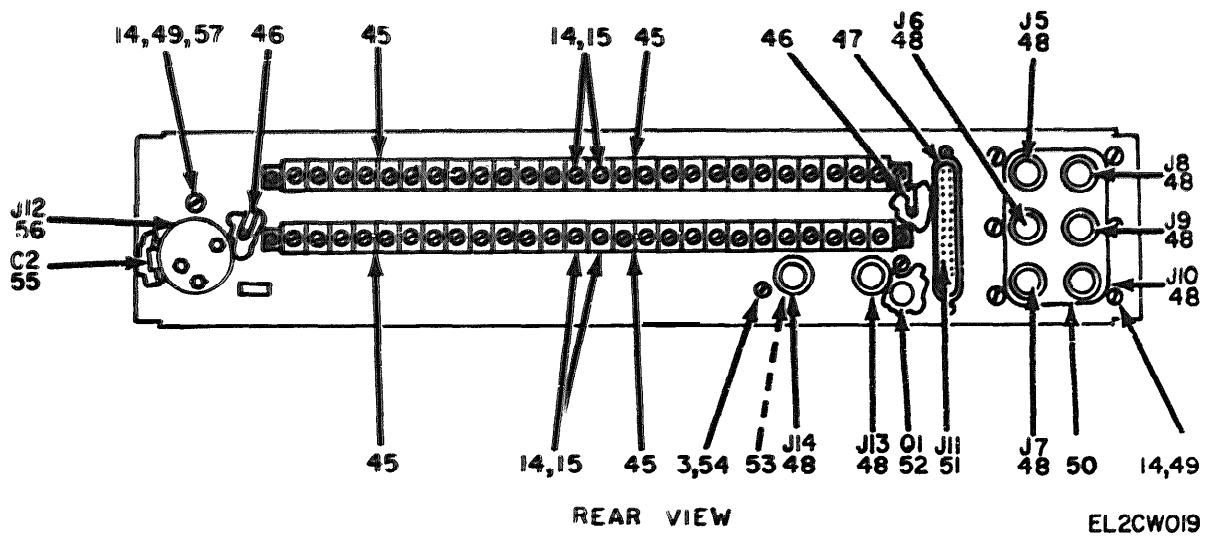
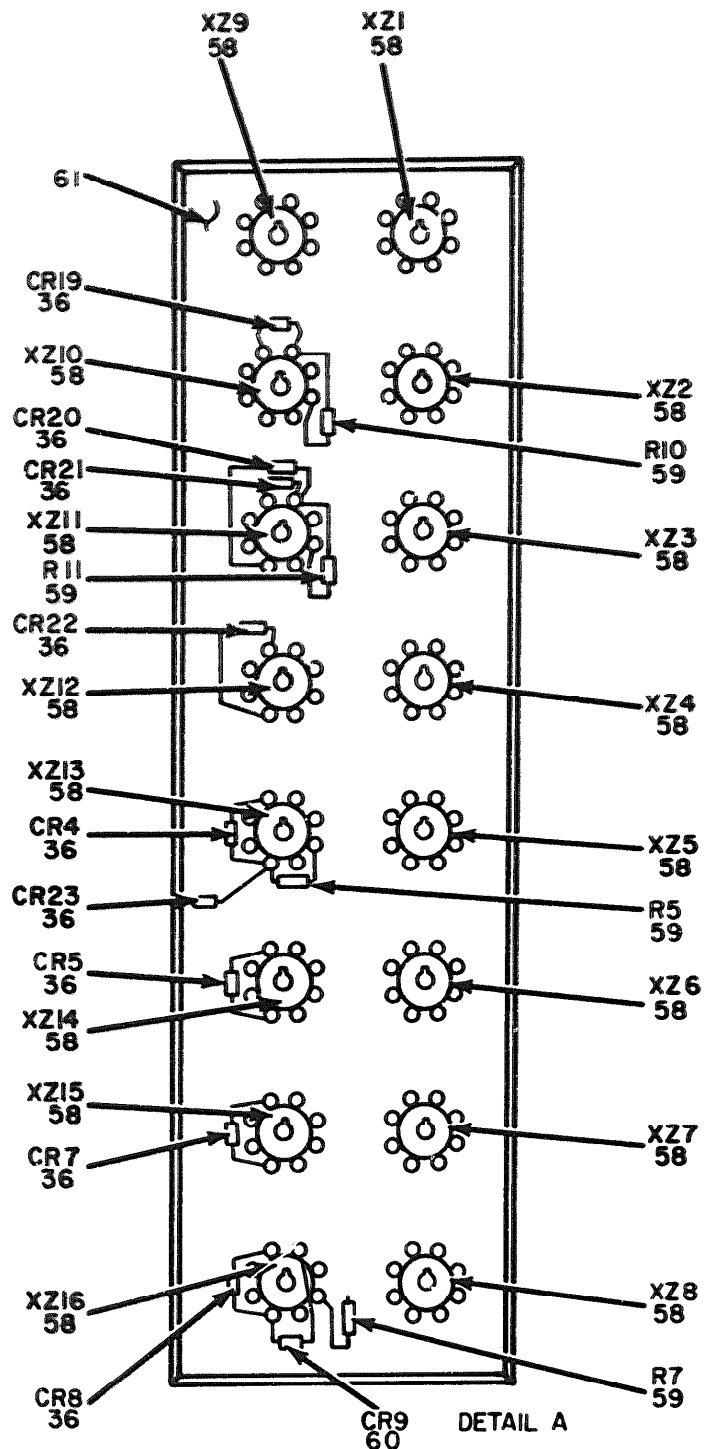


Figure 16. Chassis, Electrical Equipment 90141011 (Sheet 3 of 4).



NOTE: FOR COMPLETE REFERENCE DESIGNATION,
PREFIX WITH 1A45.

EL2CW0202

Figure 16. Chassis Electrical Equipment 90141-11 (Sheet 4 of 4_

SECTION II

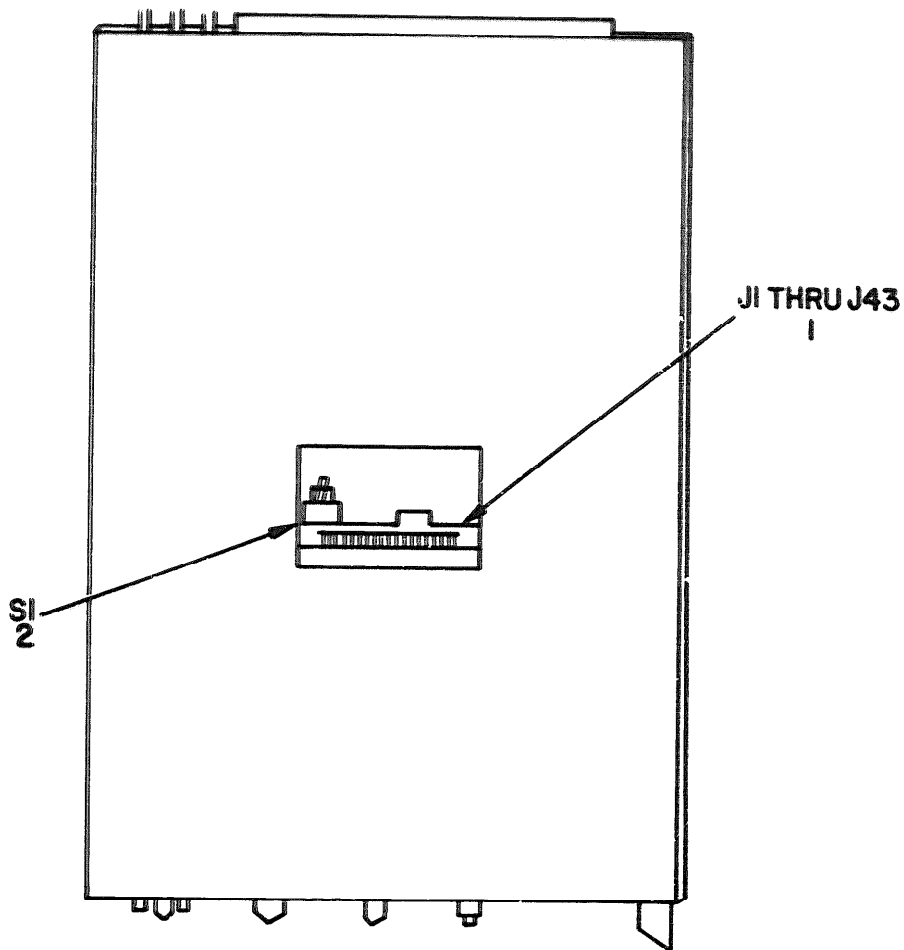
TM 11-7440-233-24P/TO 31W1-2FG-4

(6)		(8)	(9)	(10)	(11)	(12)	(13)	(14)
ILLUSTRATION		SWR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCNM	DESCRIPTION	CLASS. CODE	QTY UNIT
(15) FIG NO	(16) ITEM NO							
GROUP 45						BASIS, ELECTRICAL EQUIPMENT		
900-43000								
16	1	XDXZZ		5007-103-103-01	90000	CONNECTOR, PLUG, ELECTRICAL		EA 3
16	2	PADZZ	5900-00-063-3779	DISCIPLE	81349	SOCKET, ELECTRON TUBE		EA 1
16	3	XDXZZ		42800401	72962	NUT, SELF LOCKING		EA 1
16	4	PADZZ	5900-00-063-3779	MS2426-03	90906	SCREW, MACHINE		EA 6
16	5	XDXZZ		4009600	90298	CHASSIS SUBASSEMBLY		EA 1
16	6	XDXZZ		4100000-000	90298	PLATE		EA 1
16	7	XDXZZ		4000000	90298	TRANSFORMER, POWER, STEP DOWN		EA 1
16	8	PADZZ	5900-00-070-1303	MS2426-06	90906	SCREW, MACHINE		EA 4
16	9	PADZZ	5900-00-070-1303	MS2426-03	90906	SCREW, MACHINE		EA 1
16	10	PADZZ	5900-00-070-1303	MS2426-03	90906	SCREW, MACHINE		EA 1
16	11	XDXZZ		5007-103-103-01	90000	CONNECTOR, PLUG, ELECTRICAL		EA 1
16	12	PADZZ	5900-00-063-3779	4207000	90298	OSCILLATOR, RADIO FREQUENCY		EA 1
16	13	XDXZZ		4200000	90298	BRACKET, ANGLE		EA 1
16	14	XDXZZ		4200000	72962	NUT, SELF LOCKING		EA 16
16	15	PADZZ	5900-00-063-3779	MS2426-03	90906	SCREW, MACHINE		EA 6
16	16	XDXZZ		0100000	81349	CAPACITOR, FIXED, ELECTROLYTIC		EA 1
16	17	PADZZ	5900-00-070-1303	MS2426-03	90906	SCREW, MACHINE		EA 1
16	18	XDXZZ		4200000	90298	SWITCH, ROTARY		EA 1
16	19	XDXZZ		4200000	72962	SPRING, HELIX		EA 1
16	20	PADZZ	5900-00-063-3779	90298	72400	CAP, ELECTRICAL		EA 1
16	21	PADZZ	5900-00-063-3779	81000	72913	FUSE, CARTRIDGE		EA 1
16	22	XDXZZ		0200000	72479	SHIELD, BOX		EA 2
16	23	PADZZ	5900-00-070-1303	MS2426-03	90906	SCREW, MACHINE		EA 4
16	24	PADZZ	6210-00-010-0100	107-0000-001	72409	LENS, INDICATOR		EA 1
16	25	PADZZ	6210-00-010-0100	107-0000	72409	LENS, INDICATOR, LIGHT		EA 1
16	26	PADZZ	5900-00-063-3779	MS2426-03	90906	SCREW, MACHINE		EA 1
16	27	PADZZ	6210-00-010-0100	0000	00000	LAMP, GLOW		EA 1
16	28	XDXZZ		72409	90244	KNOB		EA 1
16	29	PADZZ	6210-00-010-0100	0000	00000	LAMP, INCANDESCENT		EA 1
16	30	PADZZ	6210-00-010-0100	107-0000	72409	LENS, INDICATOR, LIGHT		EA 1
16	31	PADZZ	6210-00-010-0100	107-0000-001	72409	LENS, INDICATOR		EA 1
16	32	XDXZZ		000-000	72490	POST, BINDING		EA 1
16	33	PADZZ	5900-00-063-3779	000-000	72490	POST, BINDING		EA 1
16	34	XDXZZ		000-000	72490	POST, BINDING		EA 1
16	35	PADZZ	5900-00-063-3779	81000	81349	RESISTOR, FIXED, COMPOSITION		EA 2
16	36	PADZZ	5900-00-063-3779	81000	81349	RESISTOR, FIXED, COMPOSITION		EA 13
16	37	XDXZZ		000000	72654	SWITCH, ROTARY		EA 1
16	38	XDXZZ		000-000	72409	LENS, INDICATOR, LIGHT		EA 1

SECTION II

TM 11-7440-233-24P/TO 31W1-2FG-4

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FIGURE	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
16	39	PAD22	6240-00-155-7836	327	08866	LAMP, INCANDESCENT		EA 1
16	40	PAD22	6210-00-695-2234	101-9030-936	72619	LIGHT, INDICATOR		EA 1
16	41	PAD22	5905-00-190-1887	RC20GF202J	81349	RESISTOR, FIXED, COMPOSITION		EA 1
16	42	PAD22	5905-00-279-1878	RC20GF132J	81349	RESISTOR, FIXED, COMPOSITION		EA 1
16	43	PAD22	5905-00-682-3339	RW69V301	81349	RESISTOR, FIXED, WIRE WOUND		EA 1
16	44	XD022		366309F	76854	SWITCH, ROTARY		EA 1
16	45	PAD22	5940-00-905-0631	595-2004-12	75382	TERMINAL BOARD		EA 4
16	46	XD022	5940-00-913-3264	1410-6	83330	TERMINAL, LUG		EA 2
16	47	XD022	5307-00-987-0797	020418-2	71785	RETAINER, NUT		EA 2
16	48	PAD22	5935-00-665-5718	UG1094U	80058	CONNECTOR, RECEPTACLE, ELECTRICAL		EA 8
16	49	PAD22	5305-00-054-6651	MS1997-27	96906	SCREW, MACHINE		EA 8
16	50	XD022		62070111	96238	BOARD, CONNECTOR		EA 1
16	51	PAD22		DC375	71468	CONNECTOR, RECEPTACLE, ELECTRICAL		EA 1
16	52	PAD22	5961-00-821-3976	JAN2N297A	81349	TRANSISTOR		EA 1
16	53	XD022		62030377	96238	BOARD, CONNECTOR		EA 1
16	54	PAD22	5305-00-054-3648	MS1997-11	96906	SCREW, MACHINE		EA 2
16	55	PAD22	5910-00-752-4189	151674	56289	CAPACITOR, FIXED, CERAMIC		EA 1
16	56	PAD22	5935-00-850-1510	7485	74545	CONNECTOR, RECEPTACLE, ELECTRICAL		EA 1
16	57	XD022	5310-00-616-3555	MS35233-71	96906	WASHER, LOCK		EA 2
16	58	PAD22	5935-00-501-5549	8EN	71785	SOCKET, ELECTRON TUBE		EA 10
16	59	PAD22	5905-00-185-8510	RC20GF103J	81349	RESISTOR, FIXED, COMPOSITION		EA 4
16	60	PAD22	5961-00-855-2274	1X3278	80131	SEMICONDUCTOR DEVICE, DIODE		EA 1
16	61	XD022		62060136-002	96238	PANEL		EA 1



NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A45A1.

EL2CW021

Figure 17. Chassis Subassembly 80196030.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
FIG NO	ITEM NO	SNR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSC#	UNABLE ON CODE	U/M	QTY INC IN UNIT
GROUP 4501 CHASSIS SUBASSEMBLY 80196030								
17	1	XDD22		5007-019-140-00	91662	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	43
17	2	PAC22	5930-00-677-8233	TS6	70309	SWITCH, TOGGLE	EA	1

SECTION II ~~CV-2343PG~~ NATIONAL STOCK NUMBER AND PART NUMBER INDEX
 NOTE: ~~LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF EMI~~

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5935-00-063-5789	16	2	5905-00-279-3511	12	27
5910-00-081-1041	4	2	5905-00-279-3511	13	12
5910-00-081-1041	13	2	5905-00-279-3514	13	10
5905-00-111-4841	12	16	5905-00-279-3516	7	18
6240-00-155-7836	16	39	5920-00-280-8342	16	21
5905-00-171-1998	8	14	5905-00-299-1965	13	11
5905-00-171-1998	12	17	5905-00-299-1971	8	12
5905-00-171-1998	14	10	5961-00-442-5136	12	5
5905-00-171-2004	12	25	5910-00-495-0042	7	5
5905-00-185-8510	5	9	5910-00-495-0042	8	1
5905-00-185-8510	7	17	5935-00-501-5549	16	58
5905-00-185-8510	8	9	5940-00-513-3264	16	46
5905-00-185-8510	11	11	5305-00-531-0298	3	3
5905-00-185-8510	14	9	5305-00-543-2024	16	4
5905-00-185-8510	16	59	5910-00-553-7146	11	1
5905-00-190-8880	4	9	5961-00-556-2091	4	5
5905-00-190-8881	13	9	5961-00-556-2091	5	4
5905-00-190-8887	7	12	5961-00-556-2091	6	5
5905-00-190-8887	9	5	5961-00-556-2091	7	6
5905-00-190-8887	12	20	5961-00-556-2091	8	2
5905-00-190-8887	15	4	5961-00-556-2091	9	3
5905-00-190-8887	16	41	5961-00-556-2091	11	3
5905-00-192-0649	6	7	5961-00-556-2091	14	4
5905-00-192-0649	7	14	5961-00-556-2091	15	1
5905-00-192-0649	8	10	5961-00-556-2091	16	36
5905-00-192-3973	12	24	5305-00-558-4887	3	9
5905-00-195-6761	16	35	6210-00-577-8146	16	31
5905-00-195-6800	11	10	5310-00-616-3555	16	57
5905-00-195-6806	4	16	5961-00-717-4661	16	17
5905-00-195-6806	7	15	5930-00-655-1507	16	26
5905-00-195-6806	8	8	6210-00-655-2234	16	40
5905-00-195-6806	12	21	5935-00-665-5718	16	48
5905-00-244-5150	16	20	5930-00-677-8233	17	2
5905-00-244-3656	15	6	5940-00-682-9755	4	22
5905-00-244-3661	7	24	5940-00-682-9755	13	14
5905-00-249-3661	11	8	6240-00-683-0560	16	29
5905-00-249-3661	12	11	5940-00-688-2770	16	33
5905-00-249-4195	12	12	5905-00-688-3502	8	15
5905-00-254-9201	6	13	6240-00-723-3378	16	27
5905-00-254-9201	7	22	5910-00-752-4189	16	55
5905-00-254-9201	12	13	5805-00-781-0864	2	6
5905-00-257-0935	6	14	5805-00-781-6521	2	3
5905-00-279-1751	4	13	5805-00-781-6522	2	5
5905-00-279-1751	8	6	5805-00-781-6523	2	12
5905-00-279-1751	12	23	5805-00-781-6524	2	2
5905-00-279-1757	4	18	5805-00-781-6529	16	12
5905-00-279-1757	9	7	5805-00-781-6533	2	9
5905-00-279-1758	4	10	5805-00-781-6537	2	7
5905-00-279-1870	4	14	5805-00-781-6538	2	8
5905-00-279-1870	16	42	5805-00-781-6539	2	11
5905-00-279-1878	5	7	5805-00-781-6541	2	1
5905-00-279-1878	14	7	5805-00-781-6542	2	10
5905-00-279-1880	5	6	6210-00-808-8604	16	24
5905-00-279-1880	12	14	5935-00-850-1510	16	56
5905-00-279-1880	14	6	5961-00-855-2536	7	9
5905-00-279-2019	15	5	5961-00-855-2536	8	3
5905-00-279-2616	12	22	5961-00-855-2536	11	5
5905-00-279-2673	6	11	5961-00-855-2536	12	7
5905-00-279-2673	6	12	5961-00-855-2536	15	3
5905-00-279-3494	5	8	5961-00-855-2537	4	7
5905-00-279-3494	14	8	5961-00-855-2537	5	5
5905-00-279-3495	6	10	5961-00-855-2537	6	6
5905-00-279-3495	7	16	5961-00-855-2537	7	10
5905-00-279-3496	8	7	5961-00-855-2537	8	5
5905-00-279-3499	7	23	5961-00-855-2537	11	4
5905-00-279-3499	9	6	5961-00-855-2537	12	9
5905-00-279-3499	11	7	5961-00-855-2537	14	5
5905-00-279-3499	12	10	5961-00-855-2539	4	8
5905-00-279-3500	6	9	5961-00-855-2539	7	7
5905-00-279-3502	12	15	5961-00-855-2539	8	4
5905-00-279-3503	12	19	5961-00-855-2539	11	6
5905-00-279-3504	7	11	5961-00-855-2539	12	8
5905-00-279-3505	7	13	5961-00-855-2539	13	8
5905-00-279-3503	11	9	5961-00-855-2539	15	2
5905-00-279-3506	6	8	6210-00-855-7640	16	30
5905-00-279-3506	8	13	5910-00-880-5430	12	4
5905-00-279-3506	12	26	5961-00-892-0920	13	6
5905-00-279-3508	7	20	5961-00-902-4668	12	6
5905-00-279-3511	4	12	5940-00-905-0631	16	45
5905-00-279-3511	7	19	5310-00-933-8118	4	27

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5310-00-933-8118	13	16	3905-00-982-3335	16	43
5310-00-934-9761	4	26			
6210-00-978-8463	16	25	5307-00-987-0797	16	47

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CE41C651F	81349	16	16	RC20GF202J	81349	15	4
CS13BE225M	81349	12	4	RC20GF202J	81349	16	41
CC375	71468	16	51	RC20GF203J	81349	6	7
DM15E51CK0500WVICR	72236	9	1	RC20GF203J	81349	7	14
DM15E68CK0500WVICR	72236	5	1	RC20GF203J	81349	8	10
DM15E68CK0500WVICR	72236	6	3	RC20GF223J	81349	12	25
DM15E68CK0500WVICR	72236	14	1	RC20GF243J	81349	5	7
				RC20GF243J	81349	14	7
				RC20GF272J	81349	5	6
				RC20GF272J	81349	12	14
JM15F102K0500WVICR	72236	7	2	RC20GF272J	81349	14	6
DM15F102K0500WVICR	72236	12	2	RC20GF273J	81349	7	23
DM15F101K0500WVICR	72236	5	3	RC20GF273J	81349	5	6
DM15F101K0500WVICR	72236	19	3	RC20GF273J	81349	11	7
DM15F201K0500WVICR	72236	6	4	RC20GF273J	81349	12	10
DM15F220K0500WVICR	72236	12	3	RC20GF301J	81349	13	11
DM15F221K0500WVICR	72236	6	2	RC20GF302J	81349	4	13
DM15F910K0500WVICR	72236	5	2	RC20GF302J	81349	6	6
DM15F910K0500WVICR	72236	14	2	RC20GF302J	81349	12	23
DM15F472K0500WVICR	72236	7	3	RC20GF332J	81349	6	8
DM15F472K0500WVICR	72236	13	1	RC20GF332J	81349	8	13
D20410-2	71785	16	47	RC20GF332J	81349	12	26
HKP	71400	16	19	RC20GF333J	81349	6	14
MS25100-22	56906	16	26	RC20GF333J	81349	12	17
				RC20GF333J	81349	14	10
				RC20GF392J	81349	7	13
MS35233-31	56906	16	15	RC20GF392J	81349	11	9
MS35234-63	56906	16	9	RC20GF432J	81349	6	14
				RC20GF471J	81349	17	24
				RC20GF472J	81349	7	11
				RC20GF473J	81349	6	13
				RC20GF473J	81349	7	22
MS35265-13	56906	16	4	RC20GF473J	81349	12	13
MS35265-14	56906	3	9	RC20GF511J	81349	4	12
MS35265-15	56906	3	3	RC20GF511J	81349	7	19
MS35333-71	56906	16	57	RC20GF511J	81349	12	27
MS35338-78	56906	4	27	RC20GF511J	81349	13	12
MS35338-78	56906	13	16	RC20GF512J	81349	15	5
				RC20GF513J	81349	8	7
MS35649-64				RC20GF561J	81349	11	10
NE2J	08806	16	27				
NLW25-25	14655	4	2				
NLW25-25	14655	13	2	RC20GF622J	81349	6	12
RC20GF102J	81349	4	16	RC20GF623J	81349	15	6
RC20GF102J	81349	7	15	RC20GF682J	81349	12	19
RC20GF102J	81349	8	8	RC20GF683J	81349	7	24
RC20GF102J	81349	12	21	RC20GF683J	81349	11	8
RC20GF103J	81349	5	9	RC20GF683J	81349	12	11
RC20GF103J	81349	7	17	RC20GF750J	81349	4	10
RC20GF103J	81349	8	9				
RC20GF103J	81349	11	11	RC20GF752J	81349	12	12
RC20GF103J	81349	14	9	RC20GF753J	81349	6	10
RC20GF103J	81349	16	59	RC20GF753J	81349	7	16
RC20GF104J	81349	16	35	RC20GF822J	81349	8	12
RC20GF112J	81349	7	20	RC20GF823J	81349	5	8
RC20GF122J	81349	4	9	RC20GF823J	81349	14	8
RC20GF123J	81349	12	15	RC20GF910J	81349	7	18
RC20GF132J	81349	4	14	RM69V301	81349	16	43
RC20GF132J	81349	16	42	ST123	96238	4	8
RC20GF133J	81349	12	16	ST123	96238	7	7
RC20GF152J	81349	4	18	ST123	96238	8	4
RC20GF152J	81349	6	11	ST123	96238	11	6
RC20GF152J	81349	9	7	ST123	96238	12	8
RC20GF153J	81349	12	22	ST123	96238	13	8
RC20GF181J	81349	13	10	ST123	96238	15	2
RC20GF182J	81349	13	9	ST204	96238	7	9
RC20GF183J	81349	6	9	ST204	96238	8	3
RC20GF202J	81349	7	12	ST204	96238	11	5
RC20GF202J	81349	9	5	ST204	96238	12	7
RC20GF202J	81349	12	20	ST204	96238	15	3

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
ST205	96238	4	7	294497	76530	13	17
ST205	96238	5	5	3X100PM3	63743	4	20
ST205	96238	6	6	3X100PM3	63743	4	11
ST205	96238	7	10	3X25PM3	63743	4	21
ST205	96238	8	5	3X500PM3	63743	4	17
ST205	96238	11	4	312001	75915	16	21
ST205	96238	12	9	3250W1-102	80294	4	15
ST205	96238	14	5	3250W1-102	80294	13	13
FE114	56289	11	1	327	00806	16	39
FE1211	56289	13	3	345	00806	16	29
FS101P01	81349	16	2	399301P	76854	16	37
FS6	70309	17	2	399309F	76854	16	44
UG1094W	80058	16	48	40011014	96238	12	5
IN115	81295	16	17	40012017	96238	12	6
IN270	81349	4	5	43000057	96238	16	7
IN270	81349	5	4	4435-1	83508	3	7
IN270	81349	6	5	4435-2	83508	3	10
IN270	81349	7	6	46020172	96238	16	18
IN270	81349	8	2	48075008	96238	16	32
IN270	81349	9	3	5007-019-140-00	91662	10	1
IN270	81349	11	3	5007-019-140-00	91662	11	1
IN270	81349	14	4	5007-019-163-00	91662	16	1
IN270	81349	15	1	5007-026-163-00	91662	16	11
IN270	81349	16	36	599-2004-12	75382	16	45
IN3021B	01295	13	6	681660-40	72962	16	3
				60P1-102K	72136	7	1
				61010162-004	96238	16	6
				62020591-001	96238	3	6
				62020591-002	96238	3	5
				62030375	96238	16	13
				62030377	96238	16	53
				62060136-002	96238	16	61
				62070111	96238	16	50
				44020004-001	96238	3	2
				64020061-000	96238	1	1
				64020062	96238	3	1
				64020063	96238	3	4
				64020064-002	96238	3	11
				70-5-20	94144	16	29
				7485	74545	16	56
				8EN	71785	16	58
				80141010	96238	2	10
				80141120	96238	2	9
				80141040	96238	2	9
				80141050	96238	2	11
				80141070	96238	2	2
				80141080	96238	2	3
				80141120-001	96238	2	11
				80141190	96238	2	6
				80141210	96238	2	12
				80141230	96238	2	7
				80141240	96238	2	5
				80196010	96238	2	13
				80196030	96238	16	5
				90141011-00	96238	2	4
				92060008	96238	4	24
				52060008	96238	13	18
				9435	71400	16	20
22NM62	72962	16	14				
22NTM62	72962	3	8				
2422-06-05	78189	4	22				
2422-06-03	78189	13	14				
275-1-103	80294	8	15				
294497	76530	4	25				

UNCLASSIFIED SOURCE NUMBER ASSIGNMENTS

SOURCE NUMBER	PERSON NO.	FORM NO.	SOURCE NUMBER	PERSON NO.	FORM NO.
59661-00-0100-4466	4	3	59605-00-7920-0755	2	1e
59661-00-0100-4466	13	4	59605-00-7920-3635	2	1e
59661-00-0100-4466	2	15	59661-00-8420-8896	4	e
59661-00-0100-4466	1e	74	59661-00-8420-8896	13	7
59661-00-0100-4466	2e	49	59661-00-8420-8896	1e	5e
59661-00-0100-4466	16e	25	59661-00-8890-7029	2	17
59661-00-0100-4466	1e	11	59661-00-9350-8020	1e	1e
59661-00-0100-4466	4	11	59661-00-9350-8020	4	2e
59661-00-0100-4466	7	21	59661-00-9350-8020	13	13
59661-00-0100-4466	13	14	59661-00-9350-8020	4	25
59661-00-0100-4466	4	15	59661-00-9350-8020	13	19
59661-00-0100-4466	13	15			

UNCLASSIFIED SOURCE NUMBER ASSIGNMENTS

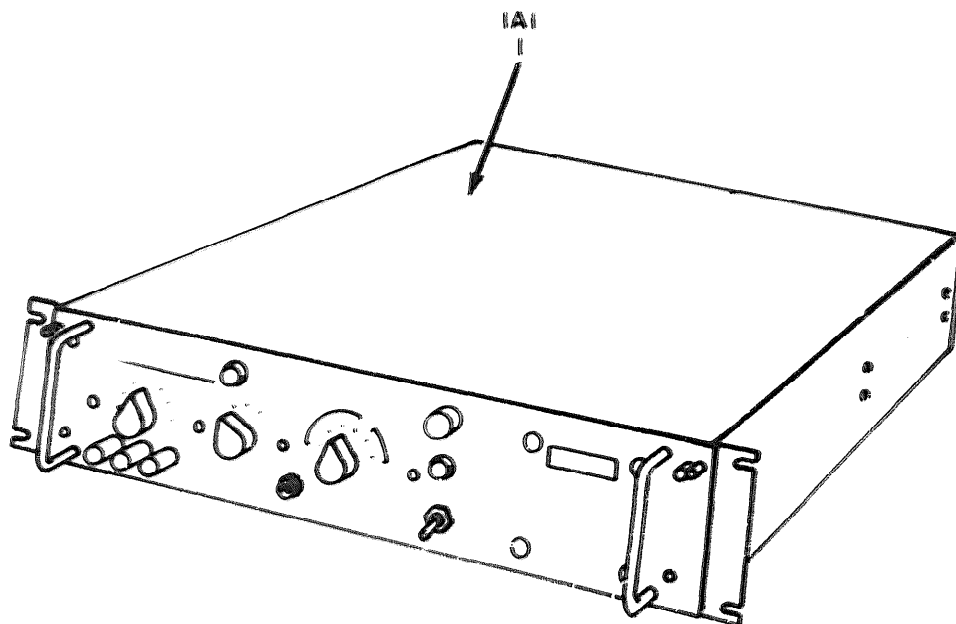
PERSON NUMBER	PERSON	PERSON NO.	FORM NO.
JANIN297A	42349	4	e
JANIN297A	42349	13	7
JANIN297A	42349	16	5e
MS24671-3	96906	4	13
MS24671-3	96906	13	19
MS25649-13E	96906	1e	1e
MS25649-16A	96906	4	2e
MS25649-16A	96906	13	13
MS25649-17A	96906	1e	1e
MS25649-27	96906	1e	49
MS25649-00	96906	1e	25
MS25649-00	96906	1e	e
REC20062A2	42349	7	21
REC20062A2	42349	13	1e
REC20062A3	42349	4	13
REC20062A3	42349	4	19
UN795A	40030	4	3
UN795A	40030	13	1e

UNCLASSIFIED SOURCE NUMBER ASSIGNMENTS

SOURCE NUMBER	PERSON NO.	FORM NO.
59661-00-0100-4466	5	3
59661-00-0100-4466	6	8
59661-00-0100-4466	14	1
59661-00-0100-4466	4	29
59661-00-0100-4466	16	41
59661-00-0100-4466	6	1
59661-00-0100-4466	9	2
59661-00-0100-4466	13	1
59661-00-0100-4466	13	15
59661-00-0100-4466	13	3
59661-00-0100-4466	4	4
59661-00-0100-4466	13	5
59661-00-0100-4466	16	60
59661-00-0100-4466	7	4
59661-00-0100-4466	13	2

UNCLASSIFIED SOURCE NUMBER ASSIGNMENTS

PERSON NUMBER	PERSON	PERSON NO.	FORM NO.
DMO SFO COL	92136	6	1
DMO SFO COL	92136	9	2
DMO SFO COL	92136	13	1
INSP78	80030	2	19
INSP78	80030	4	4
INSP78	80030	13	5
INSP78	80030	16	60



EL2CW022

Figure 1. Converter, Digital-To-Digital CV-2546/FG.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG. NO.	(b) VIEW NO.	SNR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCN	ASSEMBLY OR CODE	U/M	QTY INC IN UNIT
						GROUP 00 CONVERTER, DIGITAL-TO-DIGITAL CV-2546/FG		
1	1	ADDDU	96020061-000	96230	CABINET, ELECTRICAL EQUIPMENT		EA	1

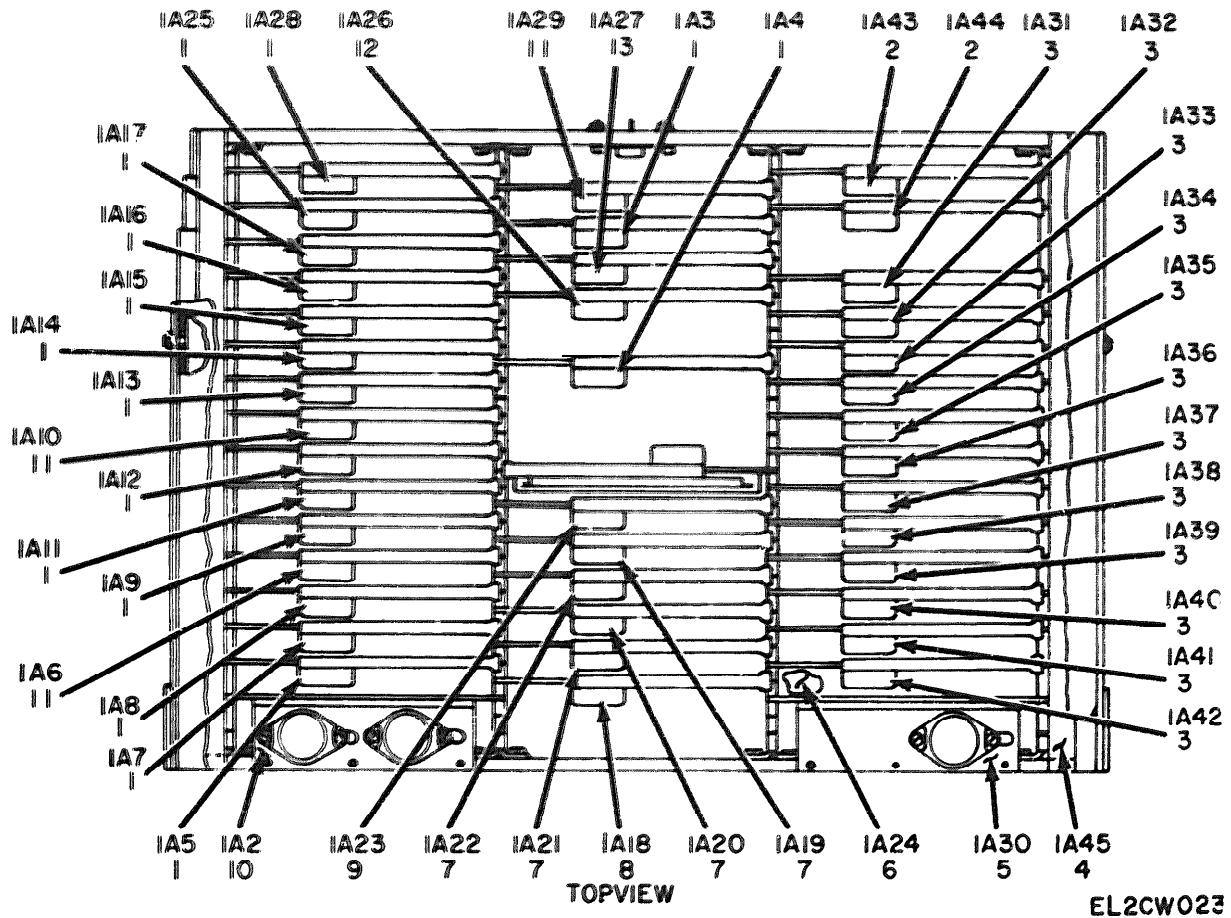


Figure 2. Converter, Digital-To-Digital CV-2546/FG,

(Sheet 1 of 2).

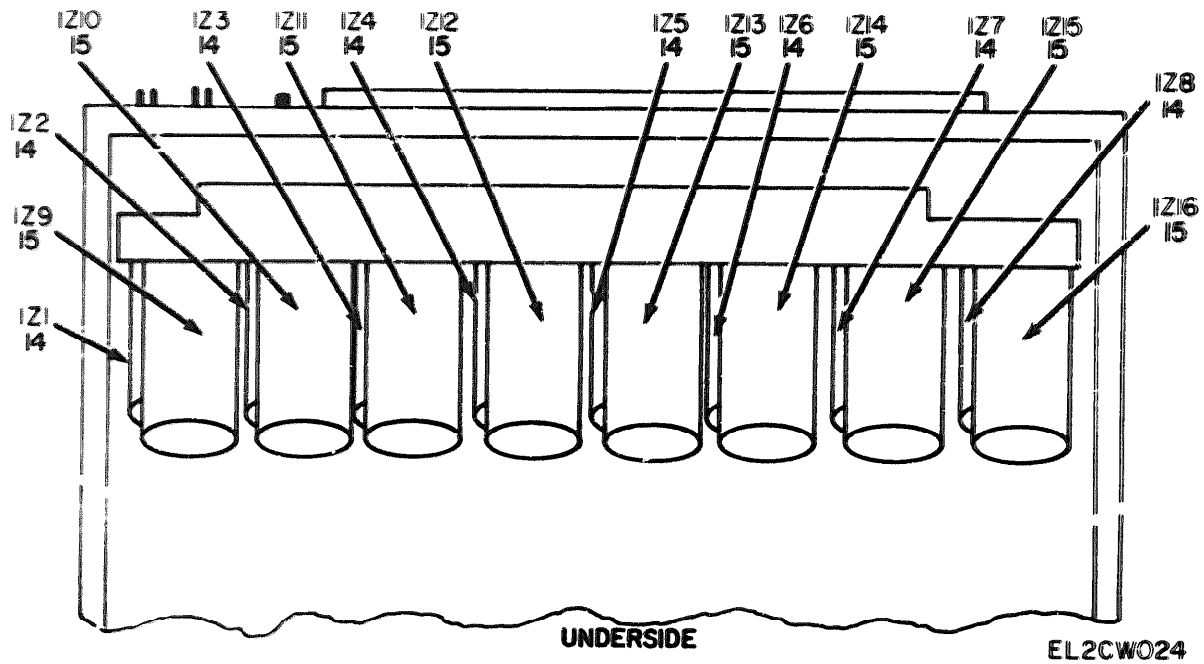


Figure 2. Converter, Digital-To-Digital CV-2546/FG,
of 2).

(Sheet 2

SECTION IV

TM 11-7440-233-24P/TO 31W1-2FG-4

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	(C) SWR CODE	(D) NATIONAL STOCK NUMBER	(E) PART NUMBER	(F) ASCN	(G) DESCRIPTION	(H) QTY REQD	(I) UNIT
2	1	FA00L	5805-00-781-6541	80141070	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	1
2	2	FA00L	5805-00-781-6524	80141070	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	2
2	3	FA00L	5805-00-781-6521	80141080	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	1
2	4	AD00L		90041011	9623B	CHASSIS ELECTRICAL EQUIPMENT	EA	1
2	5	PA00L	5805-00-781-6522	80141240	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	1
2	6	PA00L	5805-00-781-6524	80141190	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	1
2	7	PA00L	5805-00-781-6527	80141230	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	4
2	8	PA00L	5805-00-781-6528	80141020	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	1
2	9	PA00L	5805-00-781-6525	80141040	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	1
2	10	PA00L	5805-00-781-6542	80141010	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	1
2	11	FA00L	5805-00-781-6539	8014120-000	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	2
2	12	FA00L	5805-00-781-6523	80141210	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	1
2	13	FA00L	5805-00-781-6528	80141040	9623B	SERIAL PARALLEL SUBASSEMBLY	EA	1
2	14	FA02Z	5805-00-791-2439	9066005-001	9623B	CONVERTER, INPUT	EA	6
2	15	FA02Z	5805-00-010-0306	9066004-001	9623B	CONVERTER, OUTPUT	EA	6

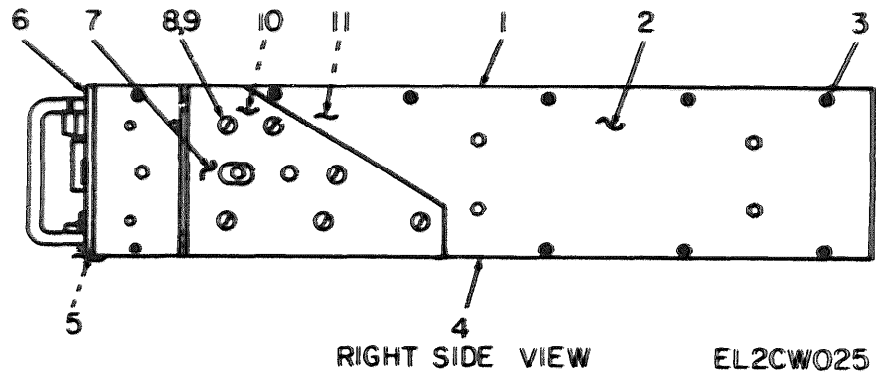
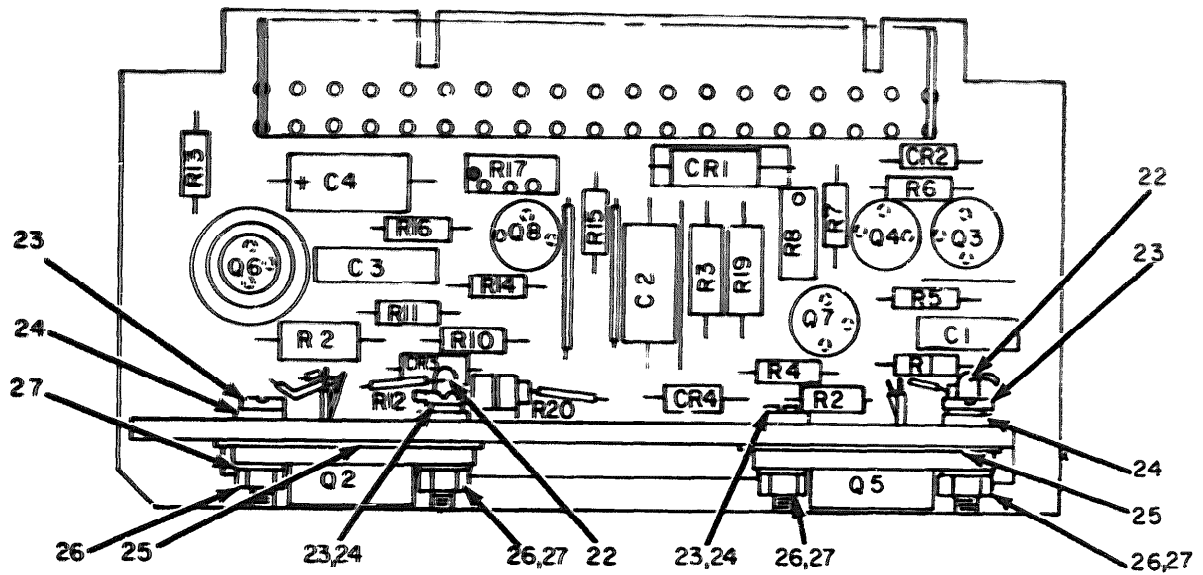


Figure 3/ Cabinet, Electrical Equipment 1A1.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSC#		QTY IN UNIT	
						GROUP 01 CABINET, ELECTRICAL EQUIPMENT 1A1		
						UNABLE ON CODE	QTY	UNIT
3	1	XD022		64020062	96238	COVER, TOP	EA	1
3	2	XD022		64020004-001	96238	ADAPTER, SLIDE	EA	1
3	3	PAD22	5305-00-531-0298	MS35265-15	96906	SCREW, MACHINE	EA	24
3	4	XD022		64020063	96238	COVER, BOTTOM	EA	1
3	5	XD022		62020591-002	96238	PLATE, MOUNTING	EA	1
3	6	XD022		62020591-001	96238	PLATE, MOUNTING	EA	1
3	7	XD022		4435-1	83508	SLIDE	EA	1
3	8	XD022		22NTH62	72962	NUT, SELF LOCKING	EA	12
3	9	PAD22	5305-00-558-4887	MS35265-14	96906	SCREW, MACHINE	EA	12
3	10	XD022		4435-2	83508	SLIDE	EA	1
3	11	XD022		64020064-002	96238	ADAPTER, SLIDE	EA	1

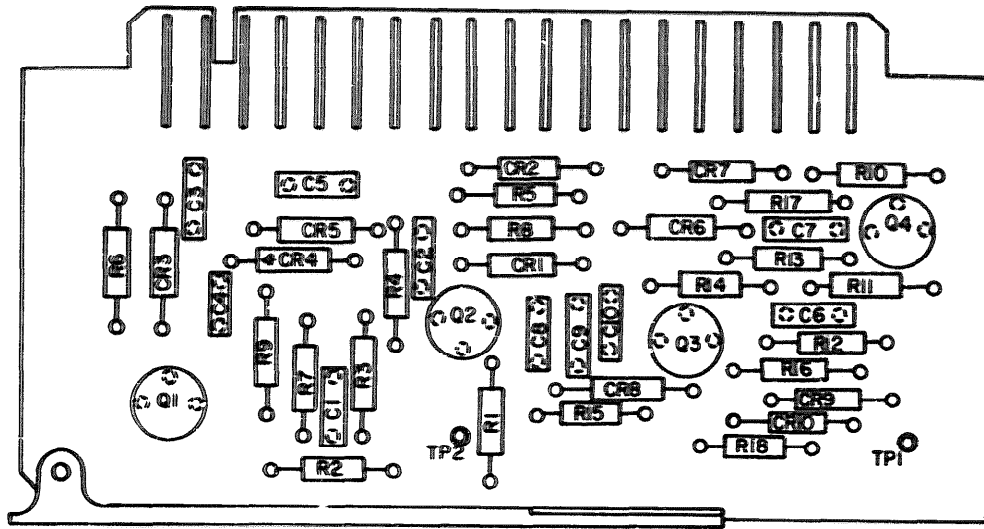


REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.
C1	1	Q5	6	R8	15
C2	2	Q6	8	R10	16
C3	2	Q7	7	R11	10
C4	2	Q8	7	R12	17
CR1	3	R1	9	R13	12
CR2	3	R2	10	R14	18
CR3	4	R3	11	R15	14
CR4	5	R4	12	R16	19
Q2	6	R5	13	R17	15
Q3	7	R6	14	R19	20
Q4	7	R7	13	R20	21

NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A2

Figure 4. Serial Parallel Subassembly 1A2.

SECTION IV									
ILLUSTRATION		3MR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FIGW	DESCRIPTION	QTY INC IN UNIF	U/M	UNIF
(1) FIG NO.	(2) ITEM NO.								
GROUP 02 SERIAL PARALLEL SUBASSEMBLY 1A2									
4	1	XDDZZ		10P1-403J	72136	CAPACITOR, FIXED, PAPER	EA		1
4	2	PADZZ	5910-00-081-1041	NLM25-25	14655	CAPACITOR, FIXED, ELECTROLYTIC	EA		3
4	3	PADZZ	5961-00-010-4366	1N791A	80431	SEMICONDUCTOR DEVICE, DIODE	EA		2
4	4	PADZZ	5961-00-055-2274	1N327B	80131	SEMICONDUCTOR DEVICE, DIODE	EA		1
4	5	PADZZ	5961-00-556-2091	1N270	81349	SEMICONDUCTOR DEVICE, DIODE	EA		1
4	6	PADZZ	5961-00-821-8976	JAN2N297A	81349	TRANSISTOR	EA		2
4	7	PADZZ	5961-00-855-2537	5T205	96238	TRANSISTOR	EA		4
4	8	PADZZ	5961-00-855-2539	5T123	96238	TRANSISTOR	EA		1
4	9	PADZZ	5905-00-190-8880	RC20GF122J	81349	RESISTOR, FIXED, COMPOSITION	EA		1
4	10	PADZZ	5905-00-279-1758	RC20GF750J	81349	RESISTOR, FIXED, COMPOSITION	EA		2
4	11	XDDZZ		3X100PM3	63743	RESISTOR, FIXED, WIRE WOUND	EA		1
4	12	PADZZ	5905-00-279-3511	RC20GF511J	81349	RESISTOR, FIXED, COMPOSITION	EA		2
4	13	PADZZ	5905-00-279-1751	RC20GF302J	81349	RESISTOR, FIXED, COMPOSITION	EA		2
4	14	PADZZ	5905-00-279-1870	RC20GF132J	81349	RESISTOR, FIXED, COMPOSITION	EA		2
4	15	PADZZ	5905-00-438-4551	3250M1-102	80294	RESISTOR, VARIABLE	EA		2
4	16	PADZZ	5905-00-195-8806	RC20GF102J	81349	RESISTOR, FIXED, COMPOSITION	EA		1
4	17	XDDZZ		3X500PM3	63743	RESISTOR, FIXED, WIRE WOUND	EA		1
4	18	PADZZ	5905-00-279-1757	RC20GF152J	81349	RESISTOR, FIXED, COMPOSITION	EA		1
4	19	PADZZ	5905-00-104-8337	RCR200751J8	81349	RESISTOR, FIXED, COMPOSITION	EA		1
4	20	XDDZZ		3X10PM3	63743	RESISTOR, FIXED, WIRE WOUND	EA		1
4	21	XDDZZ		3X25PM3	63743	RESISTOR, FIXED, WIRE WOUND	EA		1
4	22	PADZZ	5940-00-682-9755	2422-06-03	78189	TERMINAL, LUG	EA		2
4	23	XDDZZ	5905-00-998-9561	MS24671-3	96906	SCREW, MACHINE	EA		4
4	24	XDDZZ		92060008	96238	WASHER, SHOULDER	EA		4
4	25	XDDZZ		294497	76530	INSULATOR, DISK	EA		2
4	26	PADZZ	5310-00-934-9761	MS35649-264	96906	NUT, PLAIN, HEXAGON	EA		4
4	27	PADZZ	5310-00-933-8118	MS35338-78	96906	WASHER, LOCK	EA		4



NOTE: FOR COMPLETE REFERENCE DESIGNATION, PREFIX WITH 1A3, 1A4, 1A5, 1A7, 1A8, 1A9, 1A11, 1A12, 1A13, 1A14, 1A15, 1A16, 1A17, 1A25, 1A28.

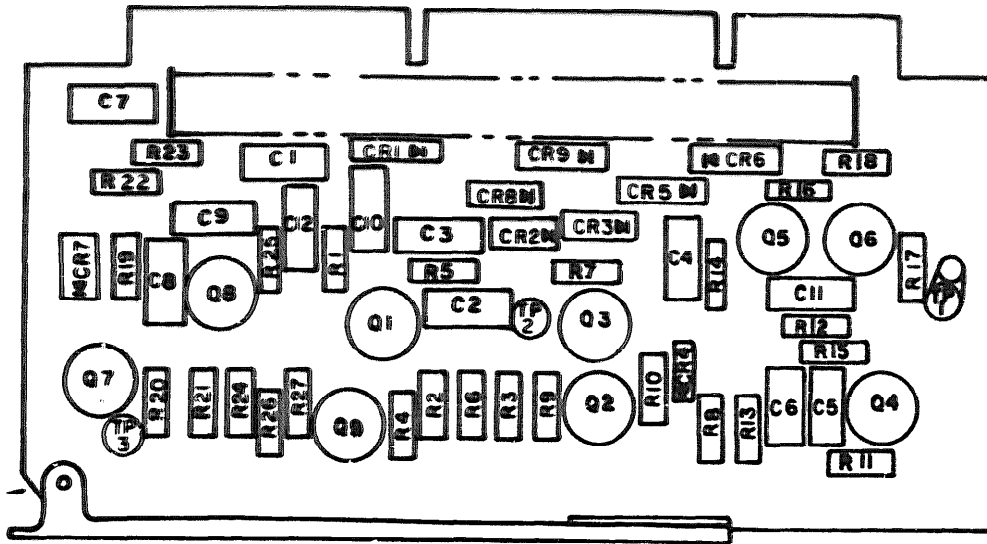
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C2	1	CR6	4	R6	9
C3	2	CR7	4	R7	9
C4	2	CR8	4	R8	8
C5	3	CR9	4	R9	9
C6	1	CR10	4	R10	6
C7	1	Q1	5	R11	6
C8	2	Q2	5	R12	7
C9	2	Q3	5	R13	7
C10	3	Q4	5	R14	8
CR1	4	R1	6	R15	9
CR2	4	R2	6	R16	9
CR3	4	R3	7	R17	8
CR4	4	R4	7	R18	9

EL2CW027

Figure 5. Serial Parallel Subassembly 1A3.

SECTION V

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7) QUANTITY	(8) UNIT
(A) FIG NO.	(B) ITEM NO.	SNR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FCRN	US MILITARY CODE		
GROUP 03 SERIAL PARALLEL SUBASSEMBLY UAC								
5	1	PADZZ	5920-00-034-1832	0M1568006500WV1 CR	72136	CAPACITOR, FIXED, MICA	EA	4
5	2	PADZZ		0M15F910K0500WV1 CR	72136	CAPACITOR, FIXED, MICA	EA	4
5	3	PADZZ		0M15F181K0500WV1 CR	72136	CAPACITOR, FIXED, MICA	EA	2
5	4	PADZZ	5961-00-556-2091	1N270	81349	SEMICONDUCTOR DEVICE, DIODE	EA	10
5	5	PADZZ	5961-00-855-2537	2T205	96238	TRANSISTOR	EA	4
5	6	PADZZ	5905-00-275-1880	RC20GF272J	81349	RESISTOR, FIXED, COMPOSITION	EA	4
5	7	PADZZ	5905-00-279-1878	RC20GF243J	81349	RESISTOR, FIXED, COMPOSITION	EA	4
5	8	PADZZ	5905-00-279-2404	RC20GF823J	81349	RESISTOR, FIXED, COMPOSITION	EA	4
5	9	PADZZ	5905-00-185-8510	RC20GF103J	81349	RESISTOR, FIXED, COMPOSITION	EA	6



REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	CR1	5	Q4	6	R7	12	R19	7
C2	2	CR2	5	Q5	6	R8	13	R20	8
C3	3	CR3	5	Q6	6	R9	11	R21	14
C4	1	CR4	5	Q7	6	R10	7	R22	10
C5	2	CR5	5	Q8	6	R11	8	R23	7
C6	3	CR6	5	Q9	6	R12	14	R24	11
C7	1	CR7	5	R1	7	R13	10	R25	12
C8	2	CR8	5	R2	8	R14	7	R26	13
C9	3	CR9	5	R3	9	R15	11	R27	11
C10	4	Q1	6	R4	10	R16	12		
C11	4	Q2	6	R5	7	R17	13		
C12	4	Q3	6	R6	11	R18	11		

NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH IA6, IA10, IA29.

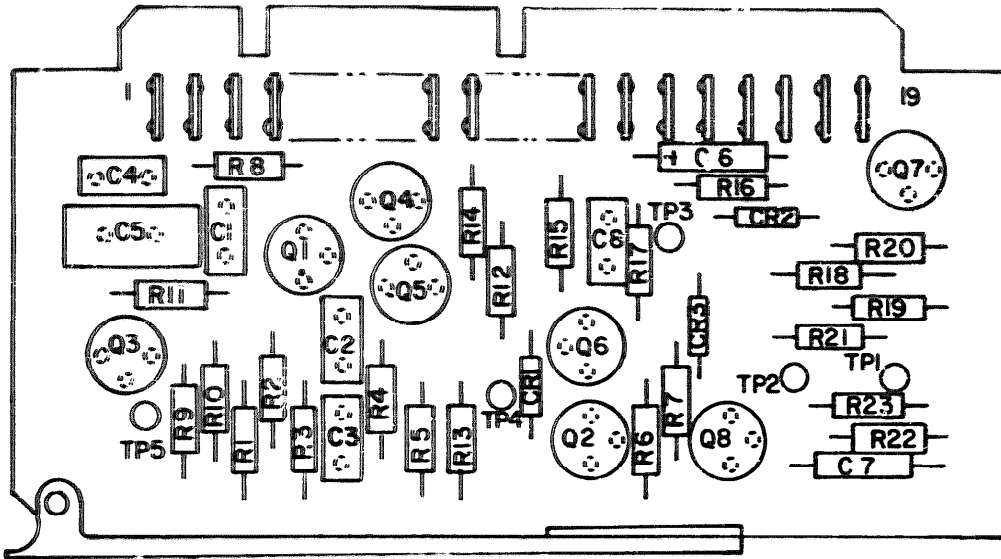
EL26W028

Figure 6. Serial Parallel Subassembly IA6.

SECTION V

TM 11-7440-233-24P/TO 31W1-2FG-4

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SNR CODE	NATIONAL STOCK NUMBER	PART NUMBER	PCB#	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
						GROUP 06 SERIAL PARALLEL SUBASSEMBLY DAS		
6	1	PA022	5910-00-044-2914	DM15P101J	72136	CAPACITOR, FIXED, MICA		EA 3
6	2	X0022		DM15F021K0500WV1 CR	72136	CAPACITOR, FIXED, MICA		EA 1
6	3	PA022	5910-00-034-1832	DM15F680K0500WV1 CR	72136	CAPACITOR, FIXED, MICA		EA 3
6	4	X0022		DM15F201K0500WV1 CR	72136	CAPACITOR, FIXED, MICA		EA 3
6	5	PA022	5961-00-556-2091	1N270	81349	SEMICONDUCTOR DEVICE, DIODE		EA 9
6	6	PA022	5961-00-855-2537	2T205	96238	TRANSISTOR		EA 9
6	7	PA022	5905-00-192-0644	RC20GF203J	81349	RESISTOR, FIXED, COMPOSITION		EA 6
6	8	PA022	5905-00-279-3506	RC20GF332J	81349	RESISTOR, FIXED, COMPOSITION		EA 3
6	9	PA022	5905-00-279-3500	RC20GF183J	81349	RESISTOR, FIXED, COMPOSITION		EA 1
6	10	PA022	5905-00-279-3495	RC20GF753J	81349	RESISTOR, FIXED, COMPOSITION		EA 3
6	11	PA022	5905-00-279-2673	RC20GF152J	81349	RESISTOR, FIXED, COMPOSITION		EA 6
6	12	PA022	5905-00-279-2673	RC20GF622J	81349	RESISTOR, FIXED, COMPOSITION		EA 3
6	13	PA022	5905-00-254-9201	RC20GF473J	81349	RESISTOR, FIXED, COMPOSITION		EA 3
6	14	PA022	5905-00-257-0939	RC20GF432J	81349	RESISTOR, FIXED, COMPOSITION		EA 2



REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	Q2	8	R6	12	R18	21
C2	2	Q3	9	R7	12	R19	22
C3	3	Q4	9	R8	15	R20	13
C4	2	Q5	7	R9	16	R21	23
C5	4	Q6	7	R10	13	R22	24
C6	5	Q7	9	R11	17	R23	13
C7	5	Q8	10	R12	18		
C8	2	R1	11	R13	18		
CR1	6	R2	11	R14	18		
CR2	6	R3	12	R15	19		
CR3	6	R4	13	R16	20		
Q1	7	R5	14	R17	20		

NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A18.

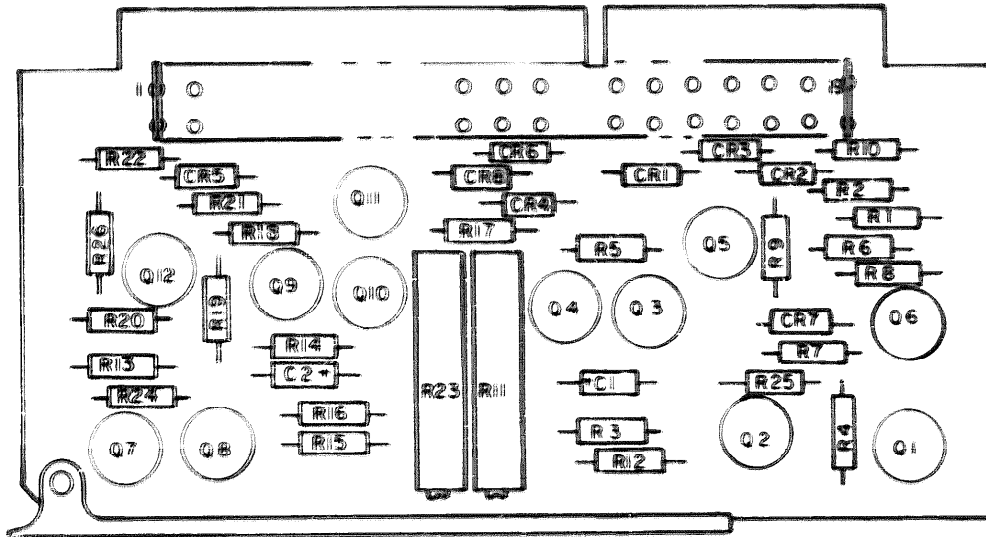
T e x t

Figure 7. Serial Parallel Subassembly 1A18.

SECTION V

TM 11-7440-233-24P/TO 31W1-2FG-4

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	QTY	UNAVAILABLE ON CODE	UNIT	QTY INC IN UNIT
GROUP 18 GENERAL PURPOSE SUBASSEMBLY BARS								
7	1	ND02Z		60P5-102K	72136	CAPACITOR, FIXED, PAPER	EA	1
7	2	ND02Z		DM19F02K0500WVCR	72136	CAPACITOR, FIXED, MICA	EA	2
7	3	ND02Z		DM19F472K0500WVCR	72136	CAPACITOR, FIXED, MICA	EA	1
7	4	AD02Z	5910-00-097-0101	10P5-103K	72136	CAPACITOR, FIXED, PAPER	EA	1
7	5	PA02Z	5905-00-495-0042	5500L05X9035A2	56289	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
7	6	PA02Z	5905-00-550-2091	1N270	81349	SEMICONDUCTOR, DIODE, 1000V	EA	3
7	7	PA02Z	5645-00-855-2539	ST125	96238	TRANSISTOR	EA	3
7	8	PA02Z	5901-00-159-0986	2N1754	96238	TRANSISTOR	EA	3
7	9	PA02Z	5905-00-455-2536	ST204	96238	TRANSISTOR	EA	3
7	10	PA02Z	5905-00-855-2537	ST205	96238	TRANSISTOR	EA	1
7	11	PA02Z	5905-00-279-3504	RC206F472J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
7	12	PA02Z	5905-00-190-8887	RC206F202J	81349	RESISTOR, FIXED, COMPOSITION	EA	3
7	13	PA02Z	5905-00-279-3505	RC206F192J	81349	RESISTOR, FIXED, COMPOSITION	EA	4
7	14	PA02Z	5905-00-192-0649	RC206F203J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
7	15	PA02Z	5905-00-195-8808	RC206F102J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
7	16	PA02Z	5905-00-279-3499	RC206F753J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
7	17	PA02Z	5905-00-185-8510	RC206F103J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
7	18	PA02Z	5905-00-279-3516	RC206F910J	81349	RESISTOR, FIXED, COMPOSITION	EA	3
7	19	PA02Z	5905-00-279-3511	RC206F511J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
7	20	PA02Z	5905-00-279-3508	RC206F112J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
7	21	PA02Z	5905-00-141-1116	RC206F62J5	81349	RESISTOR, FIXED, COMPOSITION	EA	1
7	22	PA02Z	5905-00-254-9201	RC206F473J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
7	23	PA02Z	5905-00-279-3499	RC206F273J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
7	24	PA02Z	5905-00-249-3661	RC206F683J	81349	RESISTOR, FIXED, COMPOSITION	EA	1



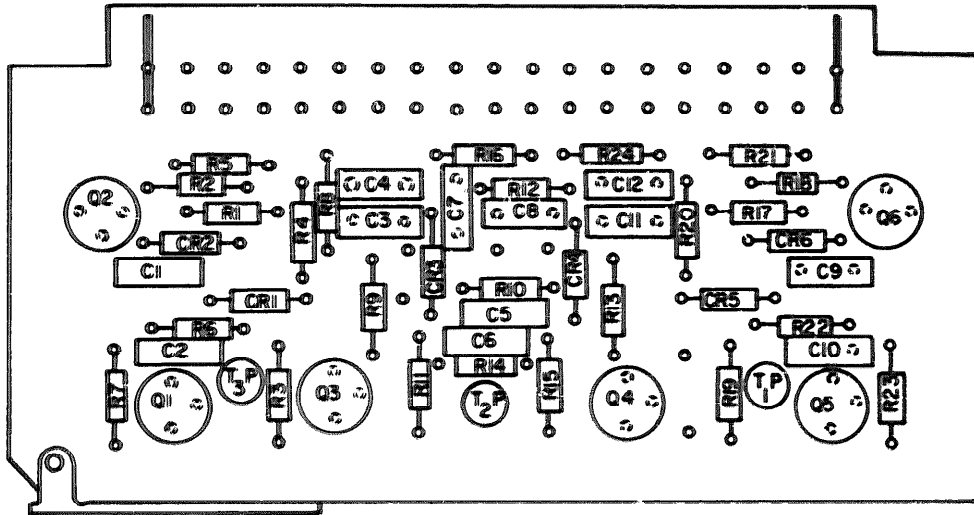
REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	11	Q3	3	R3	8	R5	8
C2	11	Q4	4	R4	8	R16	8
CR1	2	Q5	4	R5	9	R17	9
CR2	2	Q6	5	R6	10	R18	10
CR3	2	Q7	3	R7	11	R19	11
CR4	2	Q8	4	R8	12	R20	12
CR5	2	Q9	3	R9	13	R21	13
CR6	2	Q10	4	R10	14	R22	14
CR7	2	Q11	4	R11	15	R23	15
CR8	2	Q12	5	R12	8	R24	8
Q1	3	R1	6	R13	6	R25	8
Q2	4	R2	7	R14	7	R26	8

NOTE: FOR COMPLETE REFERENCE DESIGNATION
 PREFIX WITH 1A19, 1A20, 1A21, 1A22.

Figure 8. Serial Parallel Subassembly 1A19.

SECTION V

SECTION V							(6)	(7)	(8)
ELUCIDATION:							DESCRIPTION	QTY	INC
(1)	(2)	(3)	(4)	(5)			USABR OR CODE	U/M	UNIT
FIG NO	ITEM NO	SNR CODE	NATIONAL STOCK NUMBER	PART NUMBER	NSN#				
GROUP 19 SERIAL PARALLEL SUBASSEMBLY DA19									
8	11	PAD22	5910-00-492-1042	150D1C5X9035A2	56299	CAPACITOR, FIXED, ELECTROLYTIC		EA	2
8	12	PAD22	5961-00-556-2098	1N270	81349	SEMICONDUCTOR DEVICE, DIODE		EA	8
8	13	PAD22	5961-00-255-2536	5T204	96238	TRANSISTOR		EA	4
8	14	PAD22	5961-00-255-2539	5T123	96238	TRANSISTOR		EA	6
8	15	PAD22	5961-00-255-2537	5T205	96238	TRANSISTOR		EA	2
8	16	PAD22	5905-00-279-1751	RC206F302J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
8	17	PAD22	5905-00-279-3496	RC206F313J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
8	18	PAD22	5905-00-195-6808	RC206F102J	81349	RESISTOR, FIXED, COMPOSITION		EA	8
8	19	PAD22	5905-00-185-8510	RC206F103J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
8	10	PAD22	5905-00-192-0649	RC206F203J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
8	11	PAD22	5905-00-192-0649	RC206F203J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
8	12	PAD22	5905-00-299-1971	RC206F822J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
8	13	PAD22	5905-00-279-3504	RC206F332J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
8	14	PAD22	5905-00-171-1998	RC206F333J	81349	RESISTOR, FIXED, COMPOSITION		EA	2
8	15	PAD22	5905-00-488-3502	275-1-103	80294	RESISTOR, VARIABLE		EA	2



NOTE: FOR COMPLETE REFERENCE DESIGNATION, PREFIX WITH 1A23.

REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C11	2	Q3	4	R7	6	R17	5
C2	1	C12	2	Q4	4	R8	7	R18	5
C3	2	CR1	3	Q5	4	R9	5	R19	6
C4	2	CR2	3	Q6	4	R10	5	R20	7
C5	1	CR3	3	R1	5	R11	6	R21	5
C6	1	CR4	3	R2	5	R12	7	R22	5
C7	2	CR5	3	R3	6	R13	5	R23	6
C8	2	CR6	3	R4	7	R14	5	R24	7
C9	1	Q1	4	R5	5	R15	6		
C10	1	Q2	4	R6	5	R16	7		

EL2CW031

Figure 9. Serial Parallel Subassembly 1A23.

SECTION V

(1) ILLUSTRATION		(2)	(3) NATIONAL STOCK NUMBER	(4) PART NUMBER	(5) #REQ	(6) DESCRIPTION	(7) ASSEMBLY CODE	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO	3MR CODE						
						GROUP 23 SERIAL PARALLEL SUBASSEMBLY 0023		
9	1	ND02Z		0M156510K0500WV1 CR	70216	CAPACITOR, FIXED, MICA		EA 6
9	2	PA02Z	5901-00-619-2924	DM15R102LF	70216	CAPACITOR, FIXED, MICA		EA 6
9	3	PA02Z	5961-00-556-2091	1N270	81349	SEMICONDUCTOR DEVICE, DIODE		EA 6
9	4	PA02Z	5961-00-194-6986	2N1754	56289	TRANSISTOR		EA 6
9	5	PA02Z	5905-00-110-8887	RC206F202J	81349	RESISTOR, FIXED, COMPOSITION		EA 12
9	6	PA02Z	5905-00-275-2459	RC206F273J	81349	RESISTOR, FIXED, COMPOSITION		EA 6
9	7	PA02Z	5905-00-275-1757	RC206F152J	81349	RESISTOR, FIXED, COMPOSITION		EA 6

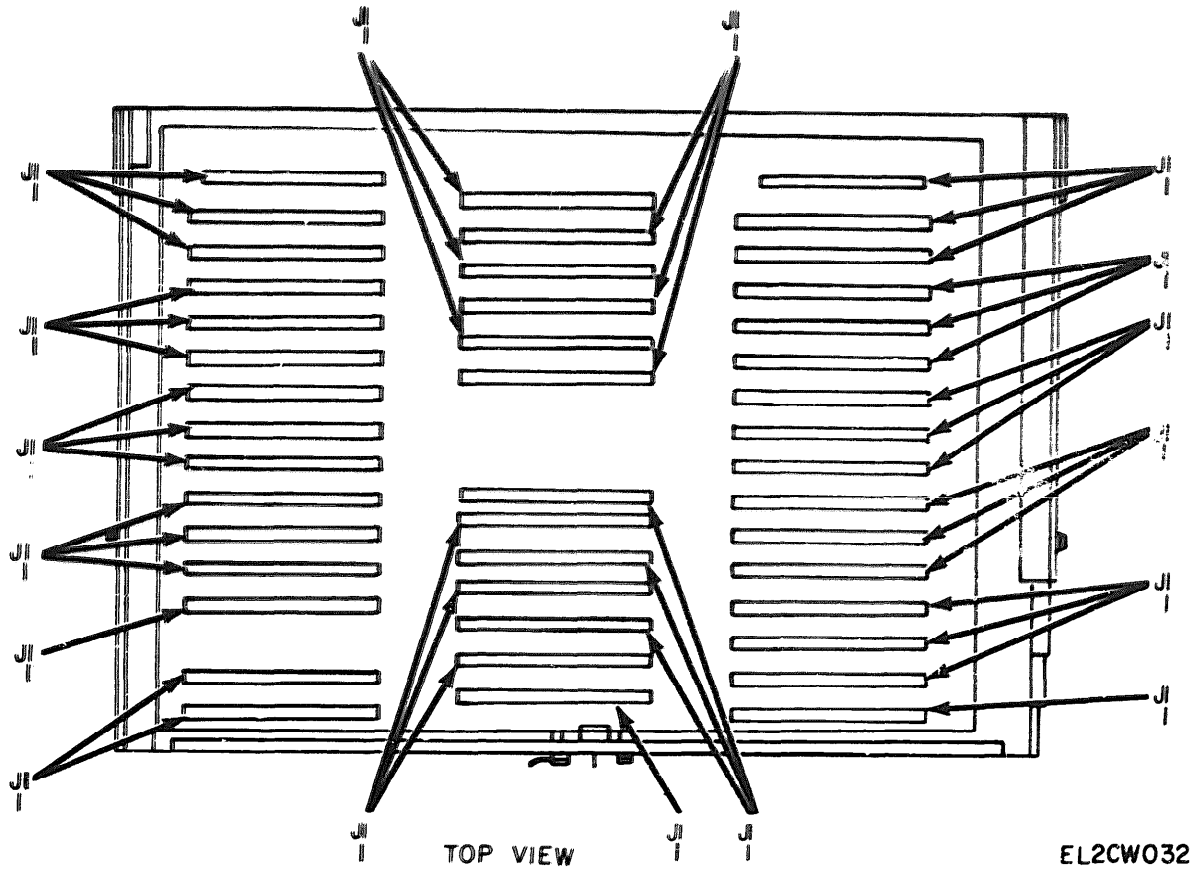
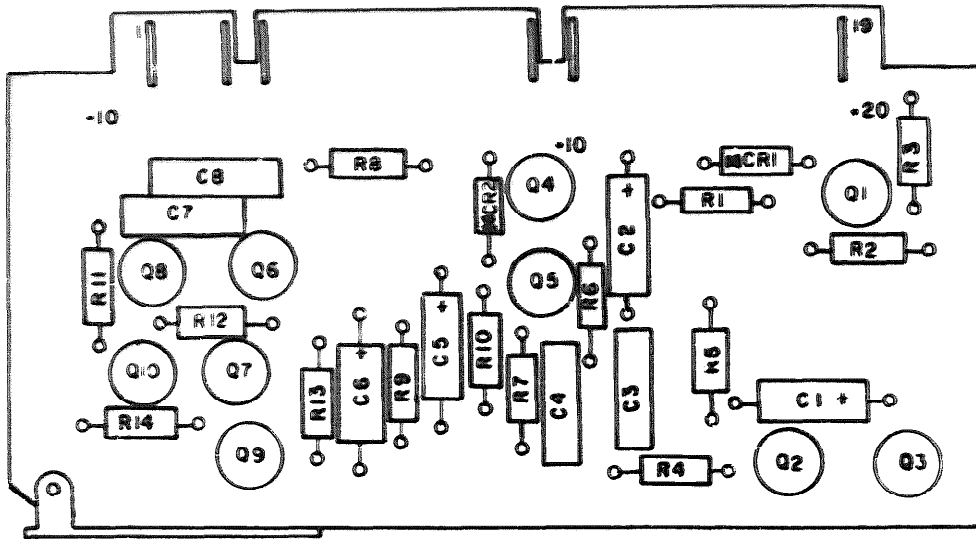


Figure 10. Serial Parallel Subassembly 1A24.

(1) ILLUSTRATIONS		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMP CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNABLE ON CODE	QTY INC IN U/M UNIT
10	1	XDDZZ		5007-019-140-00	51662	GROUP 24 SERIAL PARALLEL SUBASSEMBLY 1A24 CONNECTOR, RECEPTACLE, ELECTRICAL		EA 44

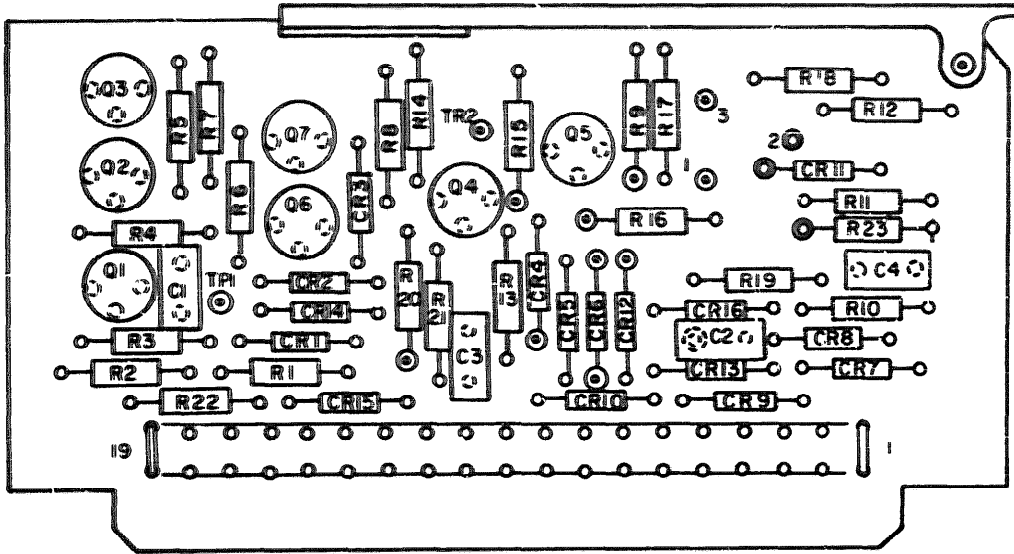


REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	C7	2	Q3	6	Q9	5	R5	11	R11	10
C2	1	C8	2	Q4	5	Q10	6	R6	11	R12	11
C3	2	CR1	3	Q5	6	R1	7	R7	10	R13	11
C4	2	CR2	3	Q6	4	R2	8	R8	7	R14	10
C5	1	Q1	4	Q7	5	R3	9	R9	8		
C6	1	Q2	5	Q8	6	R4	10	R10	9		

NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A26

Figure 11. Serial Parallel Sub assembly 1A26.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCM		QTY INC IN UNIT	U/M UNIT
GROUP 26 SERIAL PARALLEL SUBASSEMBLY 1A26								
11	1	PAD22	5910-00-553-7144	TE1114	56289	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
11	2	PAD22	5910-00-897-0401	10P1-103K	72136	CAPACITOR, FIXED, PAPER	EA	4
11	3	PAD22	5961-00-556-2091	1N270	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
11	4	PAD22	5961-00-855-2537	2T205	96238	TRANSISTOR	EA	2
11	5	PAD22	5961-00-855-2536	2T204	96238	TRANSISTOR	EA	4
11	6	PAD22	5961-00-855-2539	2T123	96238	TRANSISTOR	EA	4
11	7	PAD22	5905-00-279-3499	RC20GF273J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
11	8	PAD22	5905-00-269-3661	RC20GF683J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
11	9	PAD22	5905-00-279-3505	RC20GF392J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
11	10	PAD22	5905-00-195-680-0	RC20GF961	81349	RESISTOR, FIXED, COMPOSITION	EA	4
11	11	PAD22	5905-00-185-8510	RC20GF103J	81349	RESISTOR, FIXED, COMPOSITION	EA	4



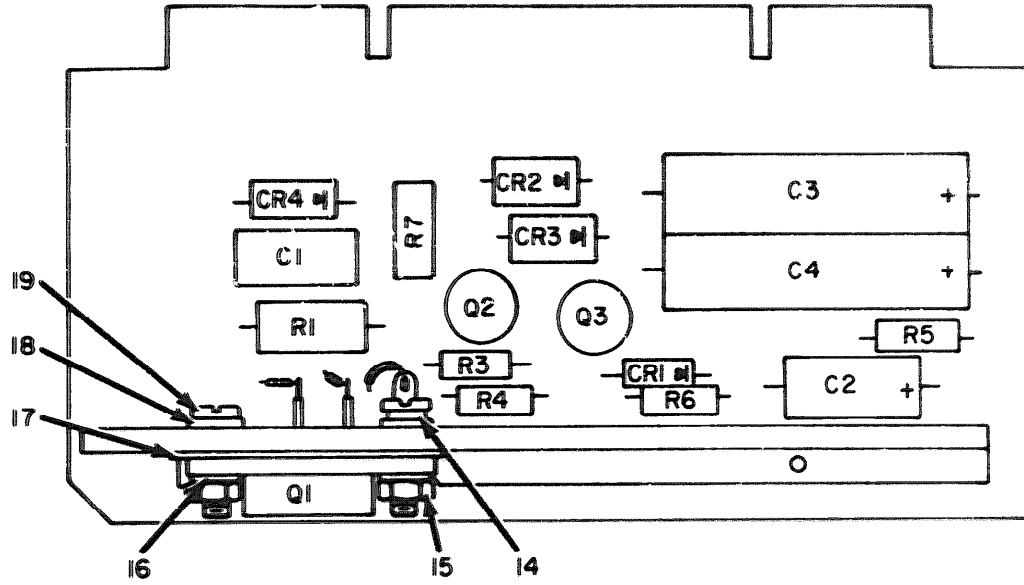
REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
CI	1	CR7	3	Q1	4	R4	10	R14	16
C2	2	CR8	3	Q2	4	R5	11	R15	17
C3	2	CR9	3	Q3	4	R6	12	R16	18
C4	2	CR10	3	Q4	5	R7	10	R17	19
CR1	3	CR11	3	Q5	5	R8	11	R18	17
CR2	3	CR12	3	Q6	4	R9	13	R19	20
CR3	3	CR13	3	Q7	6	R10	14	R20	10
CR4	3	CR14	3	R1	7	R11	14	R21	10
CR5	3	CR15	3	R2	8	R12	13	R22	10
CR6	3	CR16	3	R3	9	R13	15	R23	21

NOTE: FOR COMPLETE REFERENCE DESIGNATION,
PREFIX WITH 1A27.

EL2CW034

Figure 12. Serial Parallel Subassembly 1A27.

(1) ILLUSTRATION		SECTION V			(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG. NO.	(b) ITEM NO.	(c) SNR CODE	(d) NATIONAL STOCK NUMBER	(e) PART NUMBER	(f) FSCN	(g) UNABLE ON CODE	(h) QTY INC IN UNIT	
GROUP 27 SERIAL PARALLEL SUBASSEMBLY LA27								
12	1	PAD22	5905-00-649-2914	DM51P1011	72136	CAPACITOR, FIXED, MICA	EA 1	
12	2	XDD22		DM15F102K0500WV1 CR	72136	CAPACITOR, FIXED, MICA	EA 3	
12	3	PAD22	5961-00-556-2098	IN270	81349	SEMICONDUCTOR DEVICE, DIODE	EA 10	
12	4	PAD22	5961-00-855-2536	ST204	96238	TRANSISTOR	EA 4	
12	5	PAD22	5961-00-855-2537	ST205	96238	TRANSISTOR	EA 2	
12	6	PAD22	5961-00-855-2539	ST123	96238	TRANSISTOR	EA 1	
12	7	PAD22	5905-00-279-3499	RC20GF273J	81349	RESISTOR, FIXED, COMPOSITION	EA 1	
12	8	PAD22	5905-00-249-3661	RC20GF683J	81349	RESISTOR, FIXED, COMPOSITION	EA 1	
12	9	PAD22	5905-00-249-4195	RC20GF752J	81349	RESISTOR, FIXED, COMPOSITION	EA 1	
12	10	PAD22	5905-00-254-9201	RC20GF473J	81349	RESISTOR, FIXED, COMPOSITION	EA 5	
12	11	PAD22	5905-00-279-1880	RC20GF272J	81349	RESISTOR, FIXED, COMPOSITION	EA 2	
12	12	PAD22	5905-00-279-3502	RC20GF123J	81349	RESISTOR, FIXED, COMPOSITION	EA 1	
12	13	PAD22	5905-00-111-4841	RC20GF133J	81349	RESISTOR, FIXED, COMPOSITION	EA 2	
12	14	PAD22	5905-00-171-1998	RC20GF333J	81349	RESISTOR, FIXED, COMPOSITION	EA 2	
12	15	PAD22	5905-00-279-2019	RC20GF512J	81349	RESISTOR, FIXED, COMPOSITION	EA 1	
12	16	PAD22	5905-00-279-3497	RC20GF393J	81349	RESISTOR, FIXED, COMPOSITION	EA 1	
12	17	PAD22	5905-00-190-8887	RC20GF202J	81349	RESISTOR, FIXED, COMPOSITION	EA 2	
12	18	PAD22	5905-00-141-1116	RCR20056205	81349	RESISTOR, FIXED, COMPOSITION	EA 1	
12	19	PAD22	5905-00-254-7100	RC20GF913J	81349	RESISTOR, FIXED, COMPOSITION	EA 1	
12	20	PAD22	5905-00-279-3511	RC20GF511J	81349	RESISTOR, FIXED, COMPOSITION	EA 1	
12	21	PAD22	5905-00-195-6453	RC20GF562J	81349	RESISTOR, FIXED, COMPOSITION	EA 1	



REF. DES.	ITEM NO.	REF. DES.	ITEM NO.	REF. DES.	ITEM NO.
C1	1	CR3	5	R3	10
C2	2	CR4	6	R4	11
C3	3	Q1	7	R5	10
C4	3	Q2	8	R6	12
CRI	4	Q3	8	R7	13
CR2	5	R1	9		

NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A30.

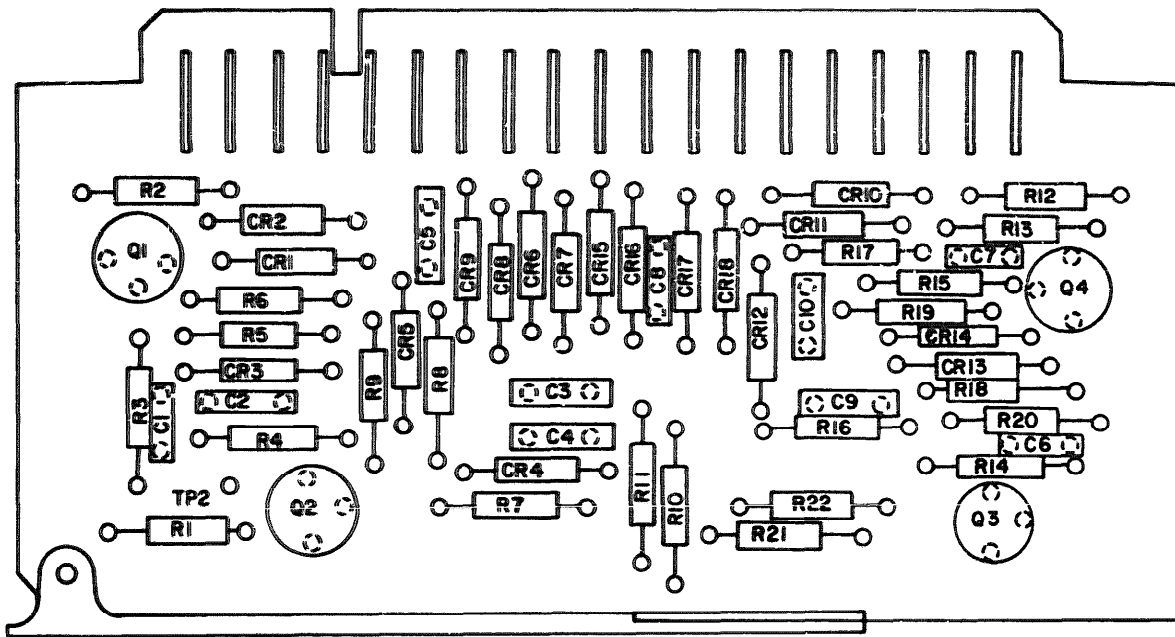
EL2CW035

Figure 13. Serial Parallel Subassembly 1A30.

SECTION V

TM 11-7440-233-24P/TO 31W1-2FG-4

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	3NH CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSCN	GROUP CODE	QTY INC IN UNIT	UNIT
GROUP 30 SERIAL PARALLEL SUBASSEMBLY LUG								
13	1	XDD22		DM19F472K0500WV1 CR	72136	CAPACITOR, FIXED, MICA	EA	1
13	2	PAD22	5910-00-081-1041	NLM25-25	14655	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
13	3	XDD22		TE1211	56289	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
13	4	PAD22	5961-00-010-4366	1N711L	80131	SEMICONDUCTOR DEVICE, DIODE	EA	1
13	5	PAD22	5961-00-053-1274	1N3275	80131	SEMICONDUCTOR DEVICE, DIODE	EA	2
13	6	PAD22	5961-00-092-0920	1N3021B	01295	SEMICONDUCTOR DEVICE, DIODE	EA	5
13	7	PAD22	5961-00-321-3976	JAN2NE97A	81349	TRANSISTOR	EA	1
13	8	PAD22	5961-00-855-2539	5T123	56238	TRANSISTOR	EA	2
13	9	PAD22	5905-00-190-8881	RC20GF182J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
13	10	PAD22	5905-00-279-3514	RC20GF181J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
13	11	PAD22	5905-00-299-1965	RC20GF301J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
13	12	PAD22	5905-00-279-3511	RC20GF511J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
13	13	PAD22	5905-00-433-4591	3250W1-102	80294	RESISTOR, VARIABLE	EA	1
13	14	PAD22	5940-00-082-9755	2422-06-03	78189	TERMINAL, LUG	EA	1
13	15	PAD22	5310-00-934-9761	MS35243-260	96906	NUT, PLAIN, HEXAGON	EA	2
13	16	XDD22	5310-00-933-8118	MS35338-78	96906	WASHER, LOCK	EA	4
13	17	XDD22		294497	76530	INSULATOR, DISK	EA	1
13	18	XDD22		92040008	96238	WASHER, SHOULDER	EA	2
13	19	XDD22	5905-00-958-9561	MS24671-3	96906	SCREW, MACHINE	EA	2



NOTE: FOR COMPLETE REFERENCE DESIGNATION, PREFIX WITH 1A31, 1A32, 1A33, 1A34, 1A35, 1A36, 1A37, 1A38, 1A39, 1A40, 1A41, 1A42

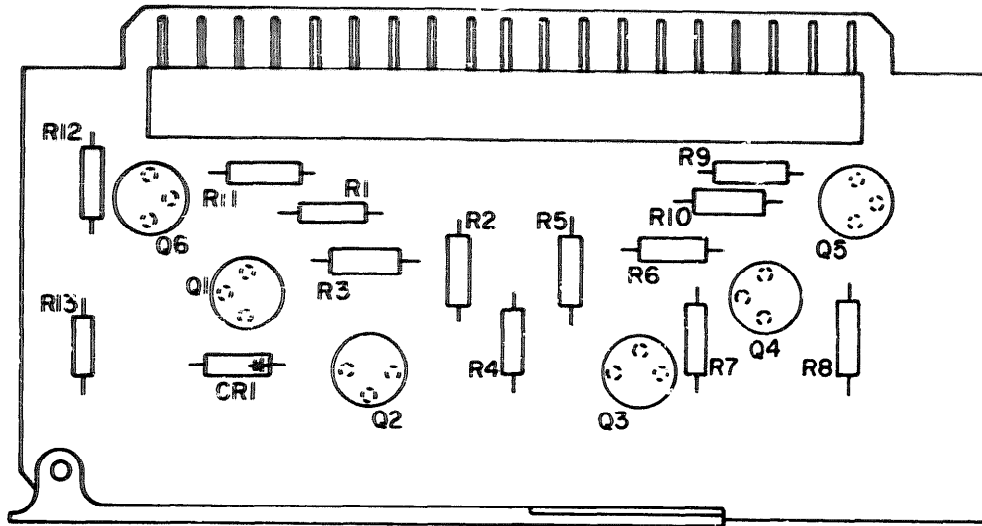
REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.
C1	1	C9	2	CR7	4	CR5	4	R1	6	R9	9	R17	9
C2	1	C10	3	CR8	4	CR6	4	R2	6	R10	10	R18	9
C3	2	CR1	4	CR9	4	CR7	4	R3	7	R11	10	R19	8
C4	2	CR2	4	CR10	4	CR8	4	R4	7	R12	6	R20	9
C5	3	CR3	4	CR11	4	Q1	5	R5	8	R13	6	R21	10
C6	1	CR4	4	CR12	4	Q2	5	R6	9	R14	7	R22	10
C7	1	CR5	4	CR13	4	Q3	5	R7	9	R15	7		
C8	2	CR6	4	CR14	4	Q4	5	R8	8	R16	8		

EL2CW036

Figure 14. Serial Parallel Subassembly 1A31.

SECTION V

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7) QTY	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FCN	UNLESS SHOWN CODE	UNIT	INC IN UNIT
						GROUP 31 SERIAL PARALLEL SUBASSEMBLY 1A31		
14	1	PAD22	5910-00-034-1832	0M15E660K0500WV1 CR	72136	CAPACITOR, FIXED, MICA	EA	4
14	2	KD022		0M15F910K0500WV1 CR	72136	CAPACITOR, FIXED, MICA	EA	4
14	3	KD022		0M15F181K0500WV1 CR	72136	CAPACITOR, FIXED, MICA	EA	4
14	4	PAD22	5961-00-556-2091	1K270	81349	SEMICONDUCTOR DEVICE, DIODE	EA	10
14	5	PAD22	5961-00-855-2537	5Y205	96238	TRANSISTOR	EA	4
14	6	PAD22	5905-00-279-1880	RC20GF272J	81349	RESISTOR, FIXED, COMPOSITION	EA	4
14	7	PAD22	5905-00-279-1878	RC20GF243J	81349	RESISTOR, FIXED, COMPOSITION	EA	4
14	8	PAD22	5905-00-279-3494	RC20GF823J	81349	RESISTOR, FIXED, COMPOSITION	EA	4
14	9	PAD22	5905-00-185-8510	RC20GF103J	81349	RESISTOR, FIXED, COMPOSITION	EA	6
14	10	PAD22	5905-00-171-1598	RC20GF333J	81349	RESISTOR, FIXED, COMPOSITION	EA	4



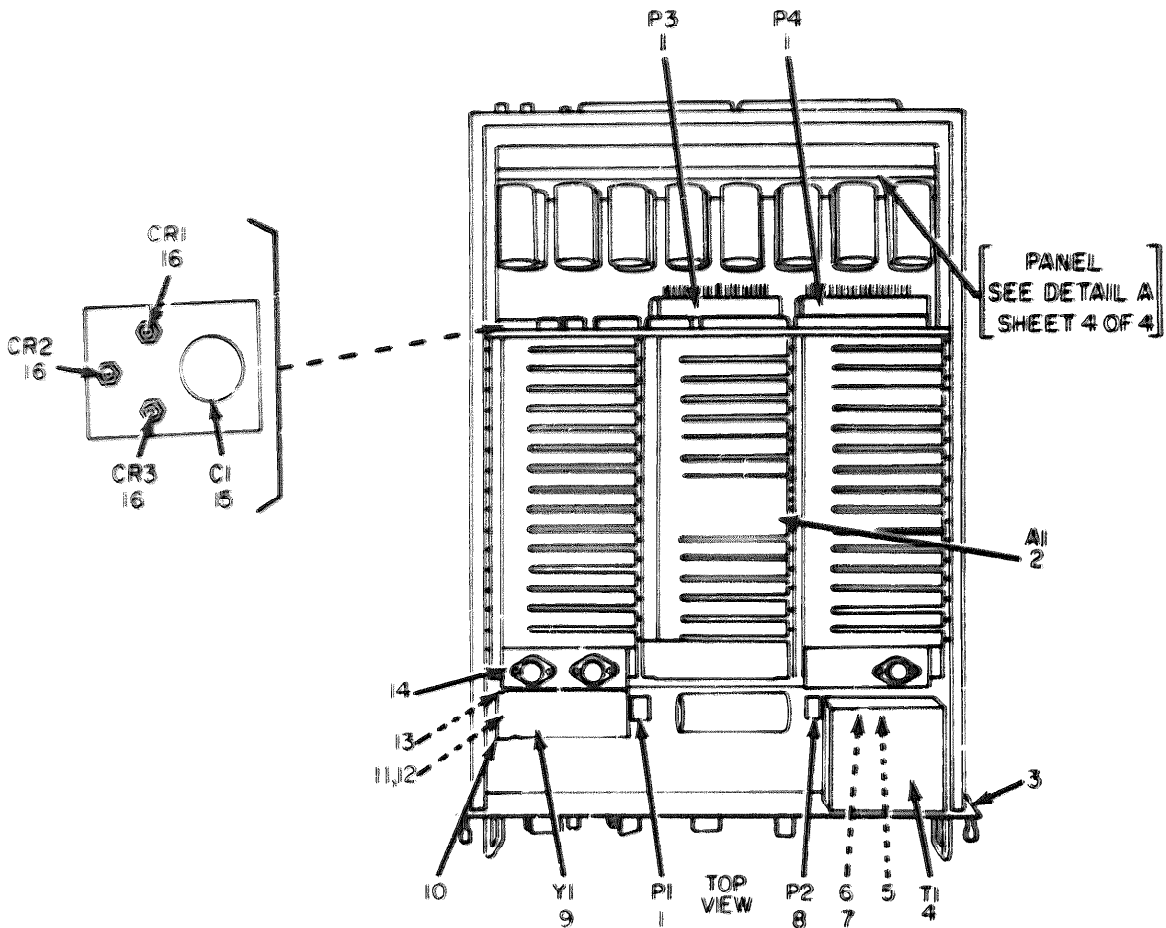
REF DES	ITEM NO.	REF DES.	ITEM NO.	REF DES.	ITEM NO.	REF. DES.	ITEM NO.
CRI	1	Q5	2	R4	5	R9	4
Q1	2	Q6	3	R5	4	R10	5
Q2	2	R1	4	R6	4	R11	5
Q3	2	R2	4	R7	5	R12	6
Q4	2	R3	5	R8	5	R13	5

NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A43, 1A44.

EL2CW037

Figure 15. Serial Parallel Subassembly 1A43.

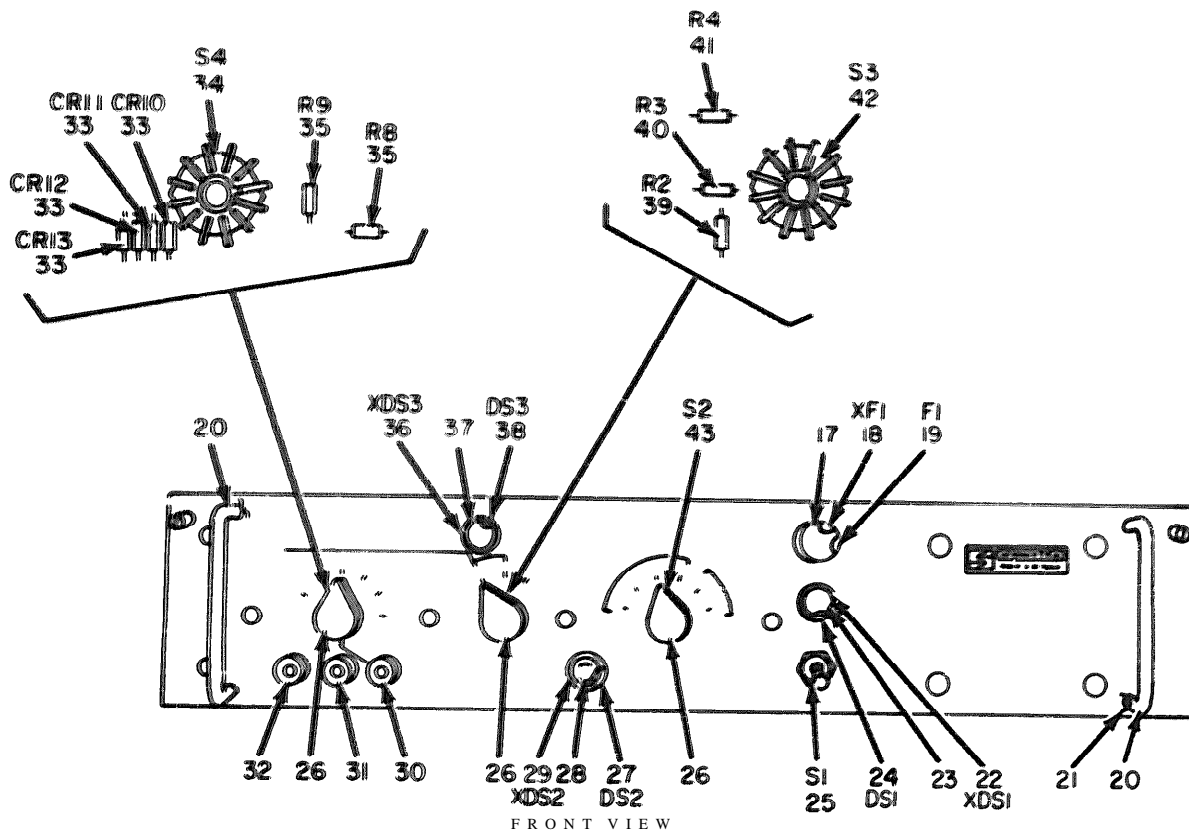
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FECM		QTY	INC IN UNIT
							U M	UNIT
GROUP 43 SERIAL PARALLEL SUBASSEMBLY 1A43								
15	1	PADZZ	5961-00-556-2091	1N270	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
15	2	PADZZ	5961-00-855-2539	5T123	96238	TRANSISTOR	EA	5
15	3	PADZZ	5961-00-855-2536	5T204	96238	TRANSISTOR	EA	1
15	4	PADZZ	5905-00-190-8887	RC20GF202J	81349	RESISTOR, FIXED, COMPOSITION	EA	5
15	5	PADZZ	5905-00-279-2019	RC20GF512J	81349	RESISTOR, FIXED, COMPOSITION	EA	7
15	6	PADZZ	5905-00-249-3656	RC20GF623J	81349	RESISTOR, FIXED, COMPOSITION	EA	1



NOTE: FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A45

EL2CW-38

Figure 16. Chassis, Electrical Equipment 90141011-00 (Sheet 1 of 4).



NOTE: FOR COMPLETE REFERENCE
DESIGNATION, PREFIX WITH 1A45

EL2CW039

Figure 16. Chassis, Electrical Equipment 90141011-00 (Sheet 2 of 4).

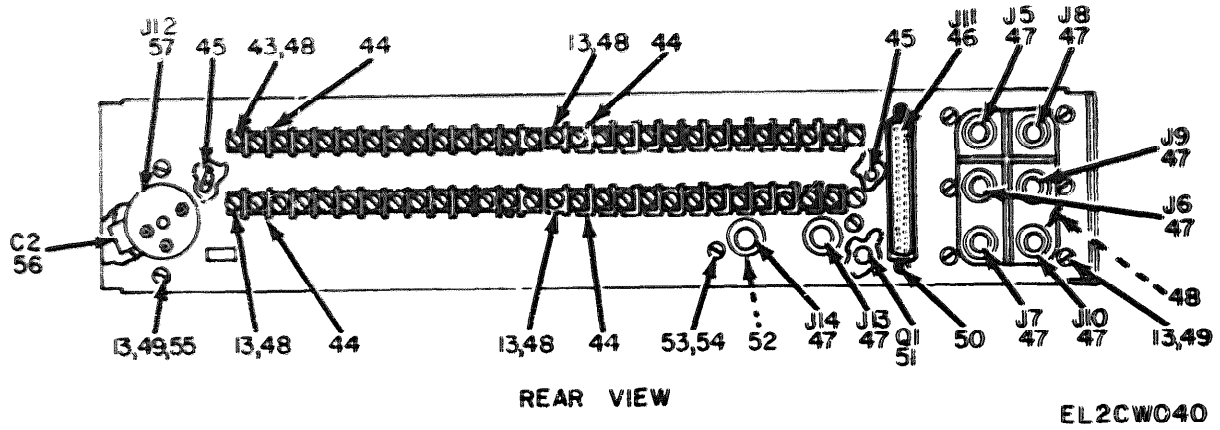
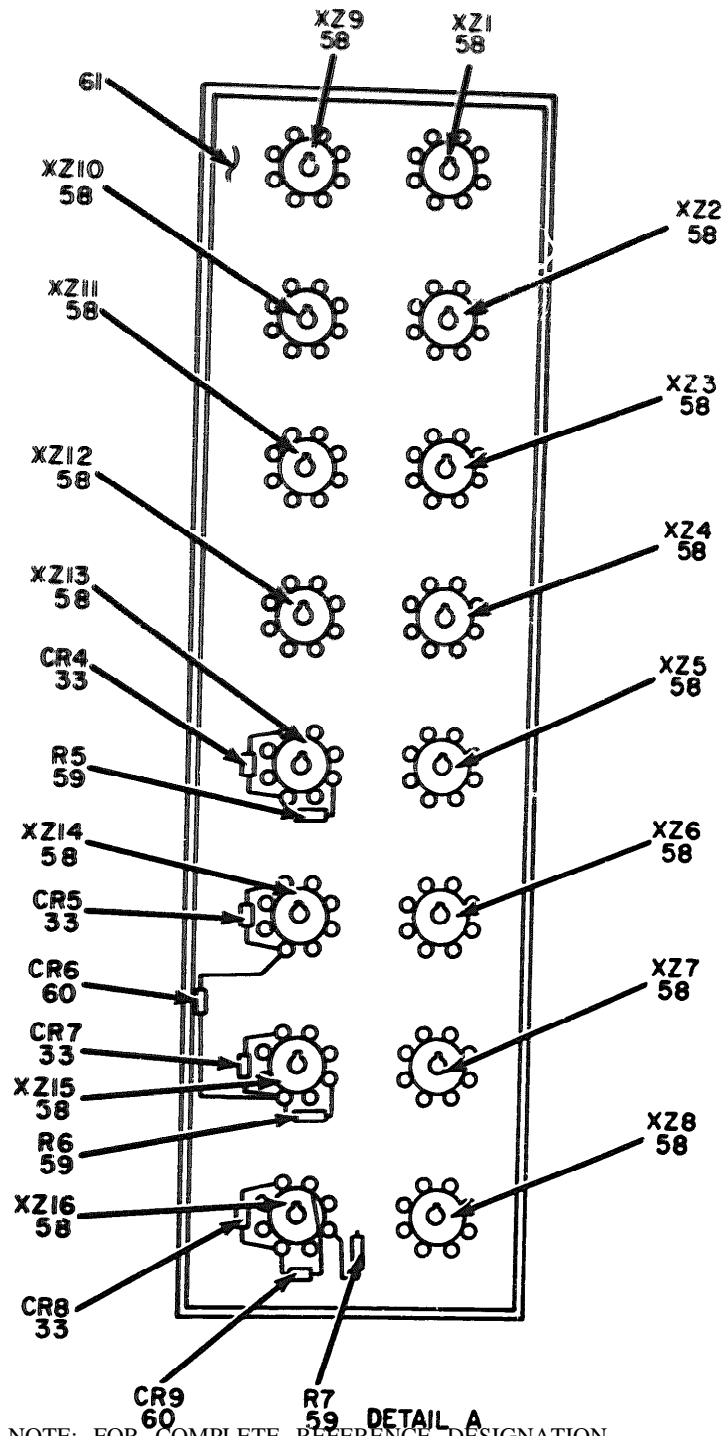


Figure 16. Chassis, Electrical Equipment 90141011-00 (Sheet 3 of 4).



EL2CW041

Figure 16. Chassis, Electrical Equipment 90141011-00 (Sheet 4 of 4).

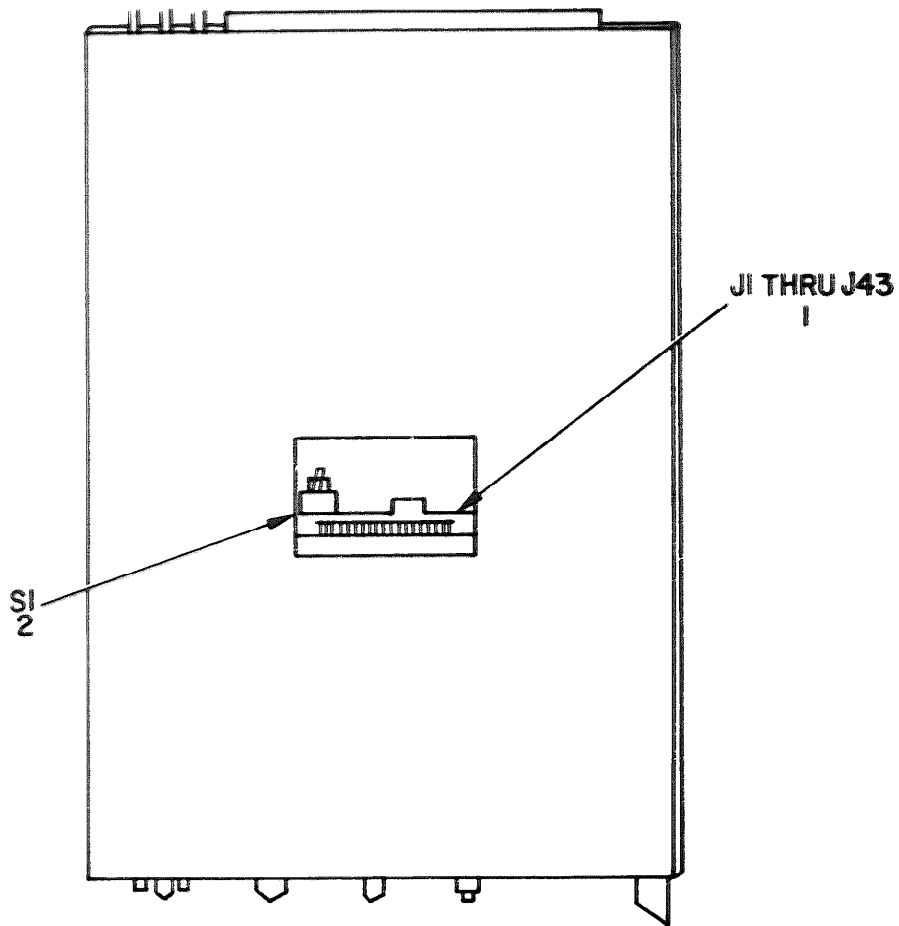
SECTION V

ILLUSTRATION		(3)	(4)	(5)	(6)	(7)	(8)	
(a)	(b)	NATIONAL STOCK NUMBER	PART NUMBER	FIGURE	DESCRIPTION	QUANTITY	UNIT	
FIG. NO.	ITEM NO.	SNR CODE						
GROUP 45 CHASSIS, ELECTRICAL EQUIPMENT								
90141011-00								
15	1	XDD22	5007-019-163-00	91662	CONNECTOR, PLUG, ELECTRICAL	EA	3	
16	2	XDD22	90141220	96238	CHASSIS SUBASSEMBLY	EA	1	
18	3	XDD22	61010162-002	96238	PANEL	EA	1	
19	4	XDD22	43000057	96238	TRANSFORMER, POWER, STEP DOWN	EA	1	
19	5	PAD22	MS51360-66	96906	SCREW, MACHINE	EA	4	
19	6	PAD22	MS35234-63	96906	SCREW, MACHINE	EA	2	
19	8	PAD22	MS35338-81	96906	WASHER, LOCK	EA	2	
19	9	XDD22	5007-026-163-00	91662	CONNECTOR, PLUG, ELECTRICAL	EA	1	
19	9	PAD22	5805-00-781-6529	48075008	96238	OSCILLATOR, RADIO FREQUENCY	EA	1
19	10	XDD22	62030376	96238	BRACKET, ANGLE	EA	1	
19	11	XDD22	MS35233-28	96906	SCREW, MACHINE	EA	6	
19	12	XDD22	MS35338-75	96906	WASHER, LOCK	EA	68	
19	13	XDD22	22NMG2	72962	NUT, SELF LOCKING	EA	24	
19	14	XDD22	62070111	96238	PCARD, CONNECTOR	EA	1	
19	15	XDD22	CE41C651F	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1	
19	16	PAD22	5961-00-617-4661	1N1115	01295	SEMICONDUCTOR DEVICE, DIODE	EA	3
19	17	PAD22	5999-00-244-5150	9435	71400	CAP, ELECTRICAL	EA	1
19	18	XDD22	MKP	71400	FUSE HOLDER	EA	1	
19	19	PAD22	5920-00-280-8342	312001	75915	FUSE, CARTRIDGE	EA	1
19	20	XDD22	1291-1	71279	HANDLE, BOW	EA	2	
19	21	PAD22	MS51360-65	96906	SCREW, MACHINE	EA	4	
19	22	PAD22	6210-00-808-3604	137-8836-931	72619	LIGHT, INDICATOR	EA	1
19	23	PAD22	6210-00-978-8463	137-931	72619	LENS, INDICATOR, LIGHT	EA	1
19	24	PAD22	6240-00-723-3378	NE2J	08806	LAMP, GLOW	EA	1
19	25	PAD22	5930-00-655-1507	MS25100-22	96906	SWITCH, TOGGLE	EA	1
19	26	XDD22	70-5-20	94144	KNOB	EA	3	
19	27	PAD22	6240-00-683-0580	345	08806	LAMP, INCANDESCENT	EA	1
19	28	PAD22	6210-00-855-7640	101-937	72619	LENS, INDICATOR, LIGHT	EA	1
19	29	PAD22	6210-00-577-9146	101-5030-937	72619	LIGHT, INDICATOR	EA	1
19	30	XDD22	111-110	74970	POST, BINDING	EA	1	
19	31	XDD22	5940-00-688-2770	111-103	74970	PCST, BINDING	EA	1
19	32	XDD22	111-104	74970	PCST, BINDING	EA	1	
19	33	PAD22	5961-00-556-2091	1N270	81349	SEMICONDUCTOR DEVICE, DIODE	EA	8
19	34	PAD22	5930-00-883-7016	359301F	76854	SWITCH, ROTARY	EA	1
19	35	PAD22	5905-00-195-6761	RC20GF104J	81349	RESISTOR, FIXED, COMPOSITION	EA	2
19	36	PAD22	6210-00-655-2234	101-5030-936	72619	LIGHT, INDICATOR	EA	1
19	37	XDD22	101-936	72619	LENS, INDICATOR, LIGHT	EA	1	
19	38	PAD22	6240-00-155-7836	327	08806	LAMP, INCANDESCENT	EA	1

SECTION V

TM 11-7440-233-24P/TO 31W1-2FG-4

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SNR CODE	NATIONAL STOCK NUMBER	PART NUMBER	RSCH		QUAN IN UNIT	
16	39	PAD22	5905-00-190-8887	RC206F202J	01349	RESISTOR, FIXED, COMPOSITION	EA	1
16	40	PAD22	5905-00-279-1870	RC206F132J	01349	RESISTOR, FIXED, COMPOSITION	EA	1
16	41	PAD22	5905-00-402-1335	AW69V301	01349	RESISTOR, FIXED, WIRE WOUND	EA	1
16	42	XD02Z		399309F	76854	SWITCH, ROTARY	EA	1
16	43	XD02Z		44020172	96238	SWITCH, ROTARY	EA	1
16	44	XD02Z		569-2004-12	75382	TERMINAL BOARD	EA	4
16	45	XD02Z	5905-00-513-3060	1400-6	03303	TERMINAL, BLOC	EA	2
16	46	XD02Z		00375	71446	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
16	47	PAD22	5935-00-665-5718	UG1094W	80058	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	6
16	48	PAD22	5305-00-066-4034	MS35233-31	96906	SCREW, MACHINE	EA	22
16	49	PAD22	5305-00-051-4660	MS35237-25	96906	SCREW, MACHINE	EA	41
16	50	XD02Z	5307-00-187-0197	D20418-2	71785	RETAINER, NUT	EA	2
16	51	XD02Z		24297A	01349	TRANSISTOR	EA	1
16	52	XD02Z		62030377	96238	BOARD, CONNECTOR	EA	1
16	53	XD02Z		081640-40	72962	NUT, SELF LOCKING	EA	6
16	54	PAD22	5305-00-051-5048	MS35257-14	96906	SCREW, MACHINE	EA	2
16	55	XD02Z	5310-00-616-3555	MS35333-71	96906	WASHER, LOCK	EA	2
16	56	PAD22	5910-00-752-4109	151674	56209	CAPACITOR, FIXED, CERAMIC	EA	1
16	57	PAD22	5935-00-201-3545	7486	74545	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
16	58	PAD22	5935-00-501-5549	87N	71785	SOCKET, ELECTRON TUBE	EA	16
16	59	XD02Z	5905-00-185-0510	RC206F109J	01349	RESISTOR, FIXED, COMPOSITION	EA	9
16	60	PAD22	5905-00-055-2074	DM3076	80131	SEMICONDUCTOR DEVICE, DIODE	EA	2
16	61	XD02Z		42060136-002	96238	PANEL	EA	1



NOTE FOR COMPLETE REFERENCE DESIGNATION
PREFIX WITH 1A45A1.

EL2CW042

Figure 17. Chassis, Subassembly 80141220.

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	PART NUMBER	FSC#		QTY INC IN UNIT	QTY INC IN UNIT
						DIS #BLE (ON) CODE	UNIT	UNIT
						GROUP 4501 CHASSIS SUBASSEMBLY 80141220		
17	1	XDD22		5007-019-140-00	91662	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	43
17	2	PAD22	5930-03-677-8233	TS6	70309	SWITCH, TOGGLE	EA	1

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

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5805-00-010-6306	2	15	5905-00-279-3514	13	10
5910-00-081-1041	4	2	5905-00-279-3516	7	18
5910-00-081-1041	13	2	5920-00-280-8342	16	19
5905-00-111-4841	12	13	5905-00-299-1965	13	11
6240-00-155-7836	16	38	5905-00-299-1971	8	12
5905-00-171-1998	8	14	5910-00-495-0042	7	5
5905-00-171-1998	12	14	5910-00-495-0042	8	1
5905-00-171-1998	14	10	5935-00-501-5549	16	58
5905-00-185-8510	5	9	5305-00-531-0298	3	3
5905-00-185-8510	7	17	5910-00-553-7146	11	1
5905-00-185-8510	8	9	5961-00-556-2091	4	5
5905-00-185-8510	11	11	5961-00-556-2091	5	4
5905-00-185-8510	12	18	5961-00-556-2091	6	6
5905-00-185-8510	14	9	5961-00-556-2091	7	5
5905-00-185-8510	16	59	5961-00-556-2091	8	2
5905-00-190-8880	4	9	5961-00-556-2091	9	3
5905-00-190-8881	13	9	5961-00-556-2091	11	3
5905-00-190-8887	7	12	5961-00-556-2091	12	3
5905-00-190-8887	9	5	5961-00-556-2091	14	4
5905-00-190-8887	12	17	5961-00-556-2091	15	1
5905-00-190-8887	15	4	5961-00-556-2091	16	33
5905-00-190-8887	16	39	5305-00-558-4887	3	9
5905-00-192-0649	6	7	6210-00-577-8146	16	29
5905-00-192-0649	7	14	5310-00-616-3555	16	55
5905-00-192-0649	8	10	5961-00-617-4661	16	16
5905-00-195-6761	16	35	5930-00-655-1507	16	25
5905-00-195-6800	11	10	6210-00-655-2234	16	36
5905-00-195-6806	4	16	5935-00-665-5718	16	47
5905-00-195-6806	7	15	5930-00-677-8233	17	2
5905-00-195-6806	8	8	5940-00-682-9755	4	22
5935-00-201-3545	16	57	5940-00-682-9755	13	14
5999-00-244-5150	16	17	6240-00-683-0560	16	27
5905-00-249-3656	15	6	5940-00-688-2770	16	31
5905-00-249-3661	7	24	5905-00-688-3502	8	15
5905-00-249-3661	11	8	6240-00-723-3376	16	24
5905-00-249-3661	12	8	5910-00-752-4189	16	56
5905-00-249-4195	12	9	5805-00-781-0864	2	6
5905-00-254-7100	12	19	5805-00-781-6521	2	3
5905-00-254-9201	6	13	5805-00-781-6522	2	5
5905-00-254-9201	7	22	5805-00-781-6523	2	12
5905-00-254-9201	12	10	5805-00-781-6524	2	2
5905-00-257-0935	6	14	5805-00-781-6528	2	13
5905-00-279-1751	4	13	5805-00-781-6529	16	9
5905-00-279-1751	8	6	5805-00-781-6533	2	9
5905-00-279-1757	4	18	5805-00-781-6537	2	7
5905-00-279-1757	9	7	5805-00-781-6538	2	8
5905-00-279-1758	4	10	5805-00-781-6539	2	11
5905-00-279-1870	4	14	5805-00-781-6541	2	1
5905-00-279-1870	16	40	5805-00-781-6542	2	10
5905-00-279-1878	5	7	5805-00-791-3439	2	14
5905-00-279-1878	14	7	6210-00-808-8604	16	22
5905-00-279-1880	5	6	5961-00-855-2536	7	9
5905-00-279-1880	12	11	5961-00-855-2536	8	3
5905-00-279-1880	14	6	5961-00-855-2536	11	5
5905-00-279-2019	12	15	5961-00-855-2536	12	4
5905-00-279-2019	15	5	5961-00-855-2536	15	3
5905-00-279-2673	6	11	5961-00-855-2537	4	7
5905-00-279-2673	6	12	5961-00-855-2537	5	5
5905-00-279-3494	5	8	5961-00-855-2537	6	6
5905-00-279-3494	14	8	5961-00-855-2537	7	10
5905-00-279-3495	6	10	5961-00-855-2537	8	5
5905-00-279-3495	7	16	5961-00-855-2537	11	4
5905-00-279-3496	8	7	5961-00-855-2537	12	5
5905-00-279-3497	12	16	5961-00-855-2537	14	5
5905-00-279-3499	7	23	5961-00-855-2539	4	8
5905-00-279-3499	9	6	5961-00-855-2539	7	7
5905-00-279-3499	11	7	5961-00-855-2539	8	4
5905-00-279-3499	12	7	5961-00-855-2539	11	6
5905-00-279-3500	6	9	5961-00-855-2539	12	6
5905-00-279-3502	12	12	5961-00-855-2539	13	8
5905-00-279-3504	7	11	5961-00-855-2539	15	2
5905-00-279-3505	7	13	6210-00-855-7640	16	28
5905-00-279-3505	11	9	5930-00-883-7016	16	34
5905-00-279-3506	6	8	5961-00-892-0920	13	6
5905-00-279-3506	8	13	5310-00-933-8118	4	27
5905-00-279-3508	7	20	5310-00-933-8118	13	16
5905-00-279-3511	4	12	5310-00-934-9761	4	26
5905-00-279-3511	7	19			
5905-00-279-3511	12	20	6210-00-978-8463	16	23
5905-00-279-3511	13	12	5905-00-982-3335	16	41

STOCK NUMBER	NO.	NO.	STOCK NUMBER	NO.	NO.		
5307-00-987-0797	16	50					
PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CE41C651F	81349	16	15	RC20GF243J	81349	5	7
OC375	71468	16	46	RC20GF243J	81349	14	7
DM15E510K0500WV1CR	72136	9	1	RC20GF272J	81349	5	6
DM15E680K0500WV1CR	72136	5	1	RC20GF272J	81349	12	11
DM15E680K0500WV1CR	72136	6	3	RC20GF272J	81349	14	6
DM15E680K0500WV1CR	72136	14	1	RC20GF273J	81349	7	23
				RC20GF273J	81349	9	6
				RC20GF273J	81349	11	7
				RC20GF273J	81349	12	7
DM15F102K0500WV1CR	72136	7	2	RC20GF301J	81349	13	11
DM15F102K0500WV1CR	72136	12	2	RC20GF302J	81349	4	13
DM15F181K0500WV1CR	72136	5	3	RC20GF302J	81349	8	8
DM15F181K0500WV1CR	72136	14	3	RC20GF332J	81349	6	6
DM15F201K0500WV1CR	72136	6	4	RC20GF332J	81349	8	13
DM15F821K0500WV1CR	72136	6	2	RC20GF333J	81349	8	14
DM15F910K0500WV1CR	72136	5	2	RC20GF333J	81349	12	14
DM15F910K0500WV1CR	72136	14	2	RC20GF333J	81349	14	10
DM19F472K0500WV1CR	72136	7	3	RC20GF392J	81349	7	13
DM19F472K0500WV1CR	72136	13	1	RC20GF392J	81349	11	9
Q20418-2	71785	16	50	RC20GF393J	81349	12	16
HKP	71400	16	18	RC20GF432J	81349	6	14
MS25100-22	96906	16	25	RC20GF472J	81349	7	11
				RC20GF473J	81349	6	13
				RC20GF473J	81349	7	22
MS35233-28	96906	16	11	RC20GF473J	81349	12	10
MS35233-31	96906	16	48	RC20GF511J	81349	4	12
MS35234-63	96906	16	6	RC20GF511J	81349	7	19
				RC20GF511J	81349	12	20
				RC20GF511J	81349	13	12
				RC20GF512J	81349	12	15
				RC20GF512J	81349	15	5
MS35265-14	96906	3	9	RC20GF513J	81349	8	7
MS35265-15	96906	3	3	RC20GF561J	81349	11	10
MS35333-71	96906	16	55				
MS35338-78	96906	4	27	RC20GF562J	81349	12	21
MS35338-78	96906	13	16				
MS35338-79	96906	16	12	RC20GF622J	81349	6	12
MS35338-81	96906	16	7	RC20GF623J	81349	15	6
				RC20GF683J	81349	7	24
				RC20GF683J	81349	11	8
NE2J	08806	16	24	RC20GF683J	81349	12	8
NLW25-25	14655	4	2	RC20GF750J	81349	4	10
NLW25-25	14655	13	2				
RC20GF102J	81349	4	16	RC20GF752J	81349	12	9
RC20GF102J	81349	7	15	RC20GF753J	81349	6	10
RC20GF102J	81349	8	8	RC20GF753J	81349	7	16
RC20GF103J	81349	5	9	RC20GF822J	81349	8	12
RC20GF103J	81349	7	17	RC20GF823J	81349	5	8
RC20GF103J	81349	8	9	RC20GF823J	81349	14	8
RC20GF103J	81349	11	11	RC20GF910J	81349	7	18
RC20GF103J	81349	12	18	RC20GF913J	81349	12	19
RC20GF103J	81349	14	9	RW69V301	81349	16	41
RC20GF103J	81349	16	59	ST123	96238	4	8
RC20GF104J	81349	16	35	ST123	96238	7	7
RC20GF112J	81349	7	20	ST123	96238	8	4
RC20GF122J	81349	4	9	ST123	96238	11	6
RC20GF123J	81349	12	12	ST123	96238	12	6
RC20GF132J	81349	4	14	ST123	96238	13	8
RC20GF132J	81349	16	40	ST123	96238	15	2
RC20GF133J	81349	12	13	ST204	96238	7	9
RC20GF152J	81349	4	18	ST204	96238	8	3
RC20GF152J	81349	6	11	ST204	96238	11	5
RC20GF152J	81349	9	7	ST204	96238	12	4
RC20GF181J	81349	13	10	ST204	96238	15	3
RC20GF182J	81349	13	9	ST205	96238	4	7
RC20GF183J	81349	6	9	ST205	96238	5	5
RC20GF202J	81349	7	12	ST205	96238	6	6
RC20GF202J	81349	9	5	ST205	96238	7	10
RC20GF202J	81349	12	17	ST205	96238	8	5
RC20GF202J	81349	15	4	ST205	96238	11	4
RC20GF202J	81349	16	39	ST205	96238	12	5
RC20GF203J	81349	6	7	ST205	96238	14	5
RC20GF203J	81349	7	14	TE1114	56289	11	1
RC20GF203J	81349	8	10	TE1211	56289	13	3

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIGURE NO.	ITEM NO.
JAN28297A	81349	4	6
JAN28297A	81349	13	7
MS24671-3	96906	4	23
MS24671-3	96906	13	19
MS35649-264	96906	4	26
MS35649-264	96906	13	15
MS51957-14	96906	16	54
MS51957-27	96906	16	49
R022005620S	81349	7	21
R022005620S	81349	12	18
R022005630S	81349	8	11
R022007510S	81349	4	19
1N751A	80131	4	3
1N751A	80131	13	4

ADDITIONAL LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIGURE NO.	ITEM NO.
5305-00-010-5300	16	6
5910-00-034-1838	14	1
5305-00-068-6534	16	48
5305-00-071-1322	16	21
5305-00-071-1323	16	5
5940-00-513-3264	16	45
5910-00-649-2914	6	1
5910-00-649-2914	9	2
5910-00-649-2914	12	1
5961-00-855-2274	4	4
5961-00-855-2274	13	5
5961-00-855-2274	16	60
5910-00-897-0401	7	4
5910-00-897-0401	11	2
5310-00-933-8120	16	7

ADDITIONAL LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIGURE NO.	ITEM NO.
0M05F10LJ	72136	6	1
0M05F10LJ	72136	9	2
0M05F10LJ	72136	12	1
MS51960-65	96906	16	21
MS51960-66	96906	16	5
1N3278	80131	4	4
1N3278	80131	13	5
1N3278	80131	16	60

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



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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

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

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

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

REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 20 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.

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

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

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

REASON: To replace the cover plate.

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

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

TEAR ALONG DOTTED LINE

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SSG I. M. DeSpirito 999-1776

SIGN HERE:

SSG I. M. DeSpirito

DA FORM 2028-2 (TEST)

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

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.
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BE EXACT... PIN-POINT WHERE IT IS

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

PAGE
NO.

FIGURE
NUMBER

FIGURE
NO.

TABLE
NO.

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Sig Gp (USACC) Taiwan (1)
Fl Gillem (5)
LEAD (5)
SAAD (15)
TOAD (10)
USA Dep (1) except
 Pinnacans (5)
Sig Dep (2)
Sig Sqr USA Dep (2)
Sig FLJMS (1)
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 26-134
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AC: None

USAR: None

For explanation of abbreviations used, see AR 200.50

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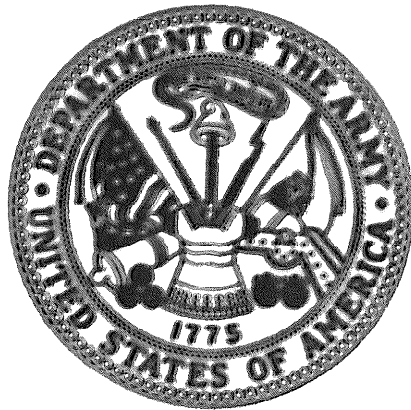
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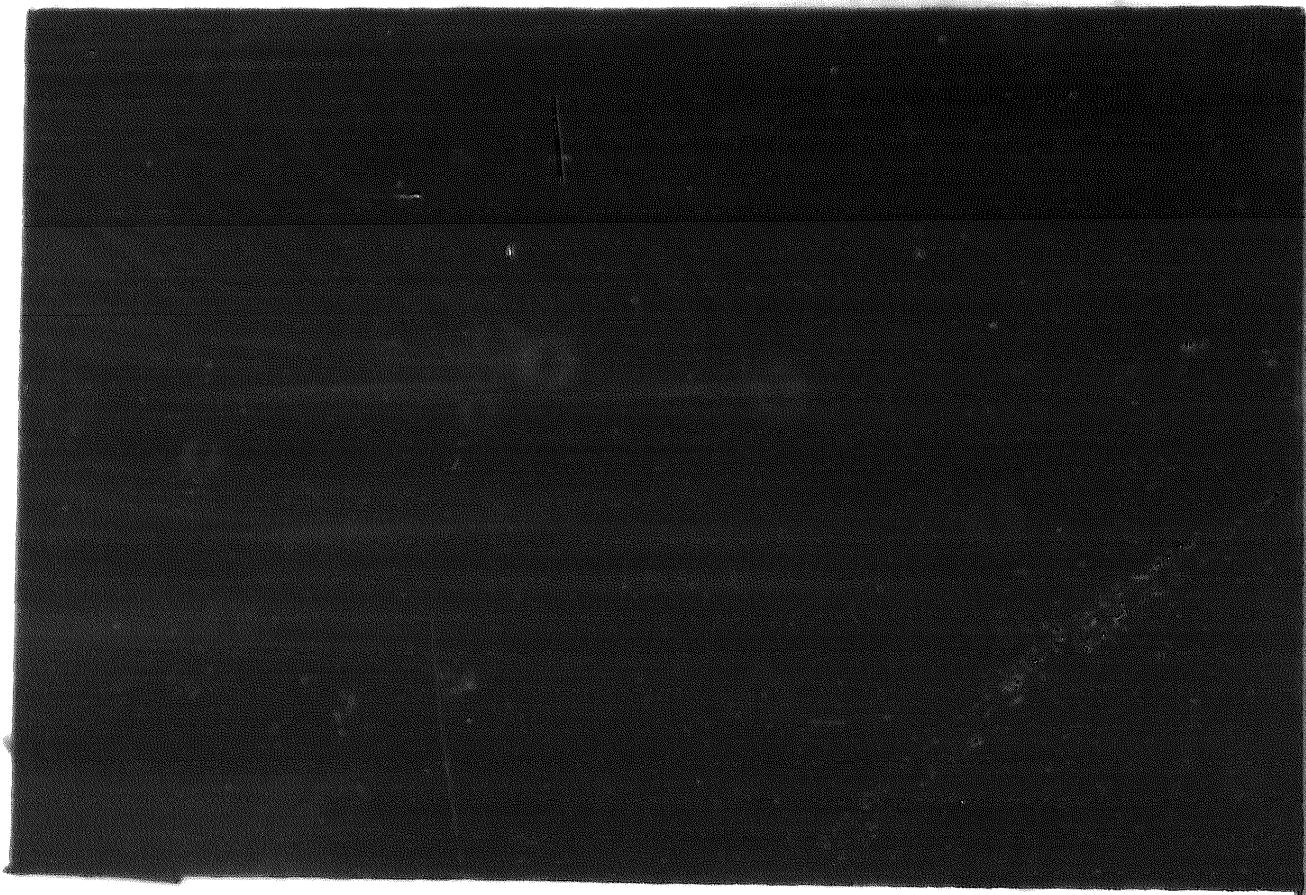


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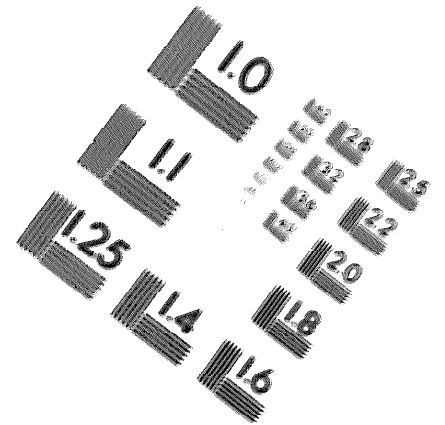
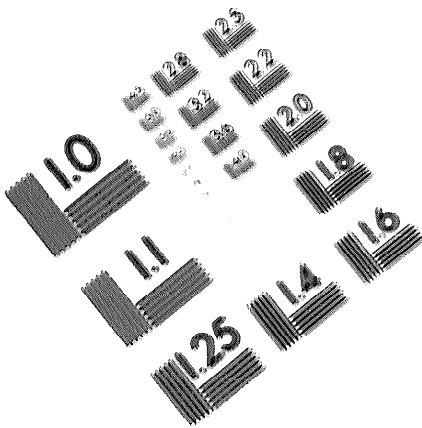
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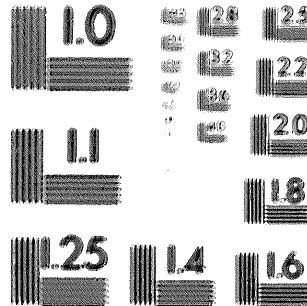
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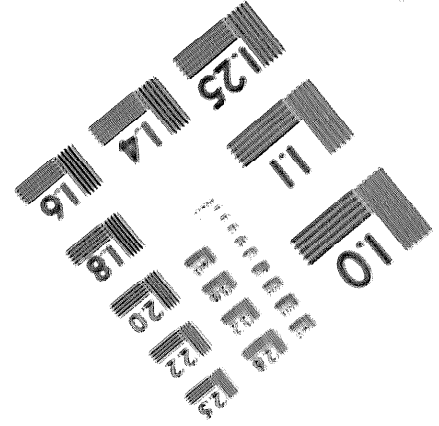
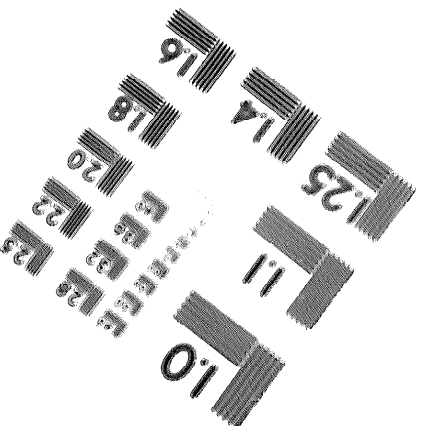
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