

TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR**

POWER SUPPLY PP-6148A/U

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HEADQUARTERS, DEPARTMENT OF THE ARMY

15 MAY 1987

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
POWER SUPPLY PP-6148A/U**

Current as of 6 March 1987

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-ME-MP, Fort Monmouth, NJ 07703-5000. In either case, a reply will be furnished direct to you.

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*This manual supersedes TM 11-6130-356-34P, 20 November 1981.

SECTION I

INTRODUCTION

1. Scope

This manual lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment; and other special support equipment required for performance of direct support and general support maintenance of the PP-6148A/U. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the source, maintenance and recoverability (SMR) codes.

2. General

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

a. *Section II. Repair Parts List.* A list of spares and repair parts authorized by this RPSTL 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 numeric sequence, with the parts in each group listed in ascending item number sequence. Figure numbers are listed directly beneath the group header. Bulk materials are listed in item name sequence.

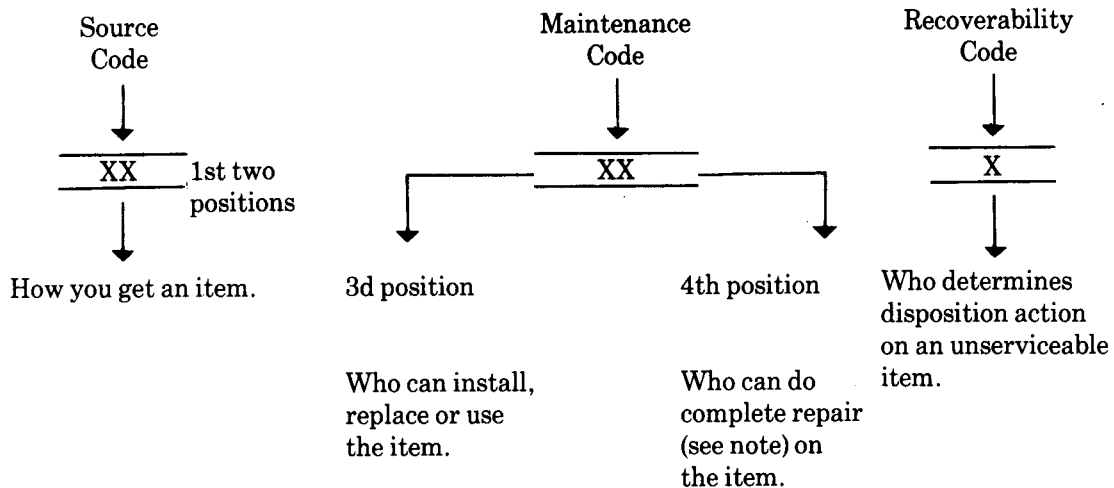
b. *Section III. Special Tools List.* Not applicable.

c. *Section IV. National Stock Number and Part Number Index.* A list, in National item identification number (NIIN) sequence, of all National stock numbered items appearing in the listing, 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 (Section II and III)

a. *Item No. (Column (1)).* Indicates the number used to identify items called out in the illustration.

b. *SMR Code (Column (2)).* The source, maintenance, and recoverability (SMR) code is a five-position code containing supply/requisitioning information, maintenance category authorization criteria, and disposition instruction, as shown in the following breakout:



NOTE

Complete repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

(1) *Source code.* The source code tells you how to get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follows:

<i>Code</i>	<i>Explanation</i>
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> PA PB PC PD PE PF PG </div>	Stocked items; use the applicable NSN to request/requisition items with these source codes. They are authorized to the category indicated by the code entered in the third position of the SMR code.

NOTE
Items coded PC are subject to deterioration.

<div style="border: 1px solid black; padding: 5px; width: fit-content;"> KD KF KB </div>	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance category indicated in the third position of the SMR code. The complete kit must be requisitioned and applied.
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<div style="border: 1px solid black; padding: 5px; width: fit-content;"> MO—Made at org/ AVUM category MF—Made at DS/ AVUM category MH—Made at GS category ML—Made at Specialized Repair Activity (SRA) MD—Made at Depot </div>	Items with these codes are not to be requested/requisitioned individually. They must be made from bulk material which is identified by the part number in the description and usable on code (UOC) column and listed in the Bulk Material group of the repair parts list. If the item is authorized to you by the third position of the SMR code, but the source code indicates it is made at a higher category, order the item from the higher category of maintenance.
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<div style="border: 1px solid black; padding: 5px; width: fit-content;"> AO—Assembled by org/AVUM category AF—Assembled by DS/AVUM category AH—Assembled by GS category AL—Assembled by SRA AD—Assembled by Depot </div>	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the category of maintenance indicated by the source code. If the third position code of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher category, order the item from the higher category of maintenance.
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<i>Code</i>	<i>Explanation</i>
XA	Do not requisition an "XA" coded item. Order its next higher assembly.
XB	If an "XB" item is not available from salvage, order it using the FSCM and part number given.
XC	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturers part number.
XD	Item is not stocked. Order an "XD" coded item through normal supply channels using the FSCM and part number given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes, except for those source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

(2) *Maintenance code.* Maintenance codes tell you the category of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

(a) The maintenance code entered in the third position tells you the lowest maintenance category authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to one of the following categories of maintenance.

- | <i>Code</i> | <i>Application/Explanation</i> |
|-------------|---|
| C | Crew or operator maintenance done within organizational or aviation maintenance. |
| O | Organizational or aviation unit category can remove, replace, and use the item. |
| F | Direct support or aviation intermediate category can remove, replace, and use the item. |
| H | General support category can remove, replace, and use the item. |
| L | Specialized repair activity can remove, replace, and use the item |
| D | Depot category can remove, replace, and use the item. |

(b) The maintenance code entered in the fourth position tells whether or not the item is to be repaired and identifies the lowest maintenance category with the capability to do complete repair (i.e., perform all authorized repair functions). This position will contain one of the following maintenance codes.

NOTE

Some limited repair may be done on the item at a lower category of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

- | <i>Code</i> | <i>Application/Explanation</i> |
|-------------|--|
| O | Organizational or aviation unit is the lowest category that can do complete repair of the item. |
| F | Direct support or aviation intermediate is the lowest category that can do complete repair of the item |
| H | General support is the lowest category that can do complete repair of the item. |
| L | Specialized repair activity (designate the specialized repair activity) is the lowest category that can do complete repair of the item. |
| D | Depot is the lowest category that can do complete repair of the item. |
| Z | Nonreparable. No repair is authorized. |
| B | No repair is authorized. (No parts or special tools are authorized for the maintenance of a "B" coded item.) However, the item may be reconditioned by adjusting, lubricating, etc., at the user category. |

(3) *Recoverability code.* Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the SMR Code as follows:

- | <i>Recoverability codes</i> | <i>Application/Explanation</i> |
|-----------------------------|---|
| Z | Nonreparable item. When unserviceable, condemn and dispose of the item at the category of maintenance shown in the third position of SMR Code |
| O | Reparable item. When uneconomically repairable, condemn and dispose of the item at organizational or aviation unit category. |
| F | Reparable item. When uneconomically repairable, condemn and dispose of the item at direct support or aviation intermediate category. |
| H | Reparable item. When uneconomically repairable, condemn and dispose of the, item at general support category. |
| D | Reparable item. When beyond lower category repair capability, return to depot. Condemnation and disposal of item not authorized below depot category. |
| L | Reparable item. Condemnation and disposal not authorized below specialized repair activity (SRA). |
| A | Item requires special handling or condemnation procedures because of specific reasons (e.g., precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions. |

c. *FSCM (Column (3)).* The Federal Supply Code for Manufacturer (FSCM) is a 5-digit numeric code which is used to identify the manufacturer, distributor, or Government agency, etc., that supplies the item.

d. *Part Number (Column (4)).* 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 you use a NSN to requisition an item, the item you receive may have a different part number from the part ordered.

c. *Description and Usable on Code (UOC) (Column (5)).* This column includes the following information.

(1) The Federal item name and, when required, a minimum description to identify the item.

(2) Part numbers for bulk materials are referenced in this column in the line entry for the item to be manufactured/fabricated.

(3) The statement "END OF FIGURE" appears just below the last item description in Column (5) for a given figure in both section II and section III.

f. Qty (Column (6)). 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. A "V" appearing in this column in lieu of a quantity indicates that the quantity is variable and the quantity may vary from application to application.

4. Explanation of Columns (Section IV)

a. National Stock Number (NSN) Index.

(1) *Stock number column.* This column lists the NSN by National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN. When using this column to locate an item, ignore the first four digits of the NSN. When requisitioning items use the complete NSN (13 digits).

(2) *Fig. column.* This column lists the number of the figure where the item is identified/located. The illustrations are in numerical sequence in sections II and III.

(3) *Item column.* The item number identifies the item associated with the figure listed in the adjacent Fig. column. This item is also identified by the NSN listed on the same line.

b. Part number Index. Part numbers in this index are listed by part number in ascending alphanumeric sequence.

(1) *FSCM column.* This column lists the Federal supply code for manufacturer (FSCM).

(2) *Part number column.* This column indicates the part number assigned to the item.

(3) *Stock number column.* This column lists the National stock number for the associated part number and manufacturer identified in the part number and FSCM columns to the left.

(4) *Fig. column.* This column lists the number of the figure where the item is identified/located in sections II and III.

(5) *Item column.* The item number is that number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

5. Special Information

a. *Index Numbers.* Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the National Stock Number/Part Number Index and the bulk material list in section II.

b. *Associated Publications.* The publications listed below pertain to the PP-6148A/U and its components:

TM 11-6130-356-12, Power Supply, PP-6148/U

TM 11-6130-356-20P, Power Supply, PP-6148/U

TM 11-6130-356-34, Power Supply, PP-6148/U

c. *National Stock Numbers.* National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-MM, Fort Monmouth, NJ 07703-5000 for the part required to support your equipment.

6. How to Locate Repair Parts

a. When National stock number or part number is not known:

(1) *First.* Using the table of contents, determine the assembly group or subassembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and listings are divided into the same groups.

(2) *Second.* Find the figure covering the assembly group or subassembly group to which the item belongs.

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

(4) *Fourth.* Refer to the Repair Parts List for the figure to find the part number for the item number noted on the figure.

(5) *Fifth.* Refer to the Part Number Index to find the NSN, if assigned.

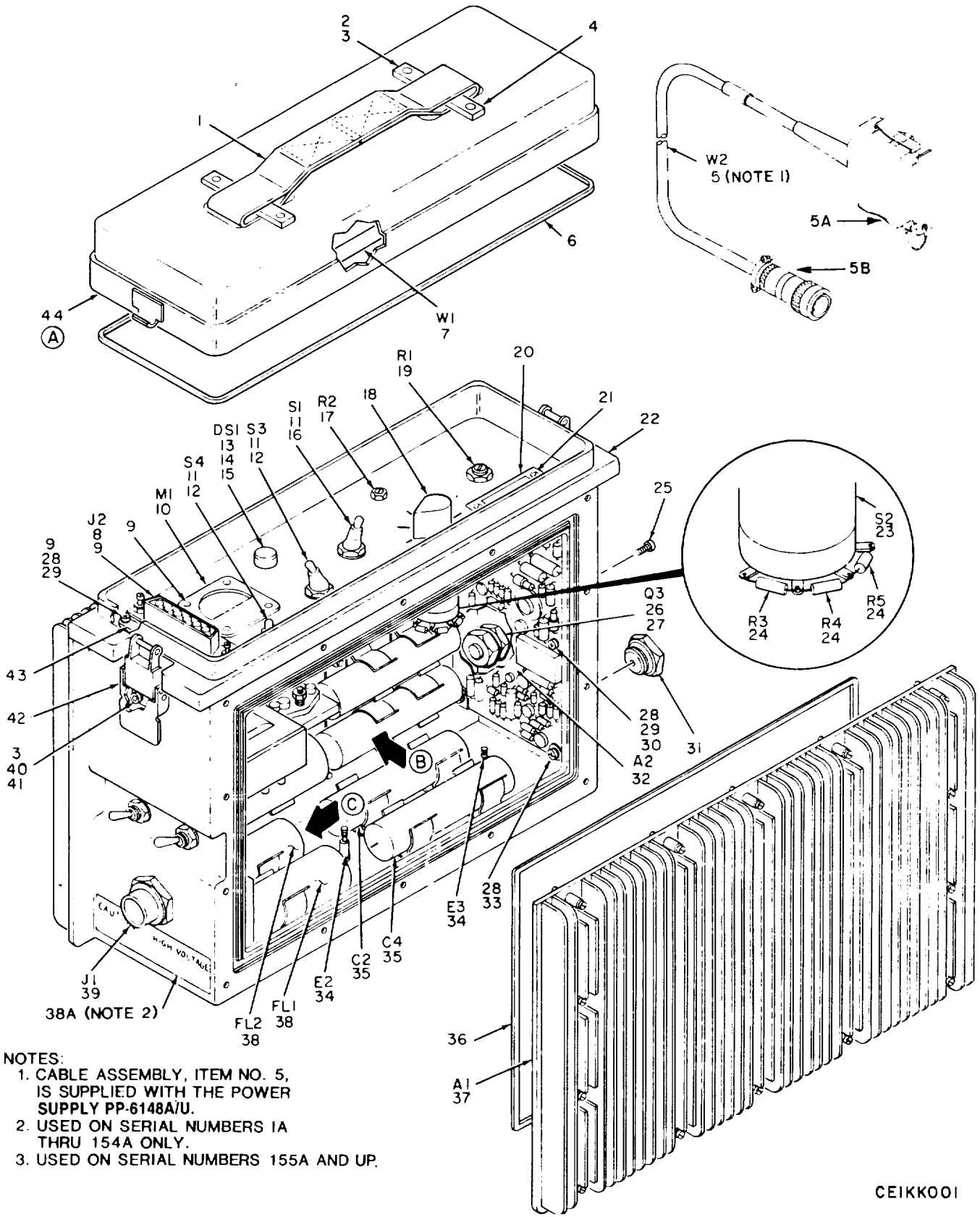
b. When National stock number or part number is known:

(1) *First.* Using the index of National stock numbers and part numbers, find the pertinent National stock number or part number. The NSN index is in National item identification number (NIIN) sequence (para 4a(1)). The part numbers in the part number index are listed in ascending alphanumeric sequence (para 4b). Both indexes cross-reference you to the illustration figure and item number of the item you are looking for.

(2) *Second.* After finding the figure and item number, verify that the item is the one you're looking for, then locate the item number in the repair parts list for the figure.

7. Abbreviations

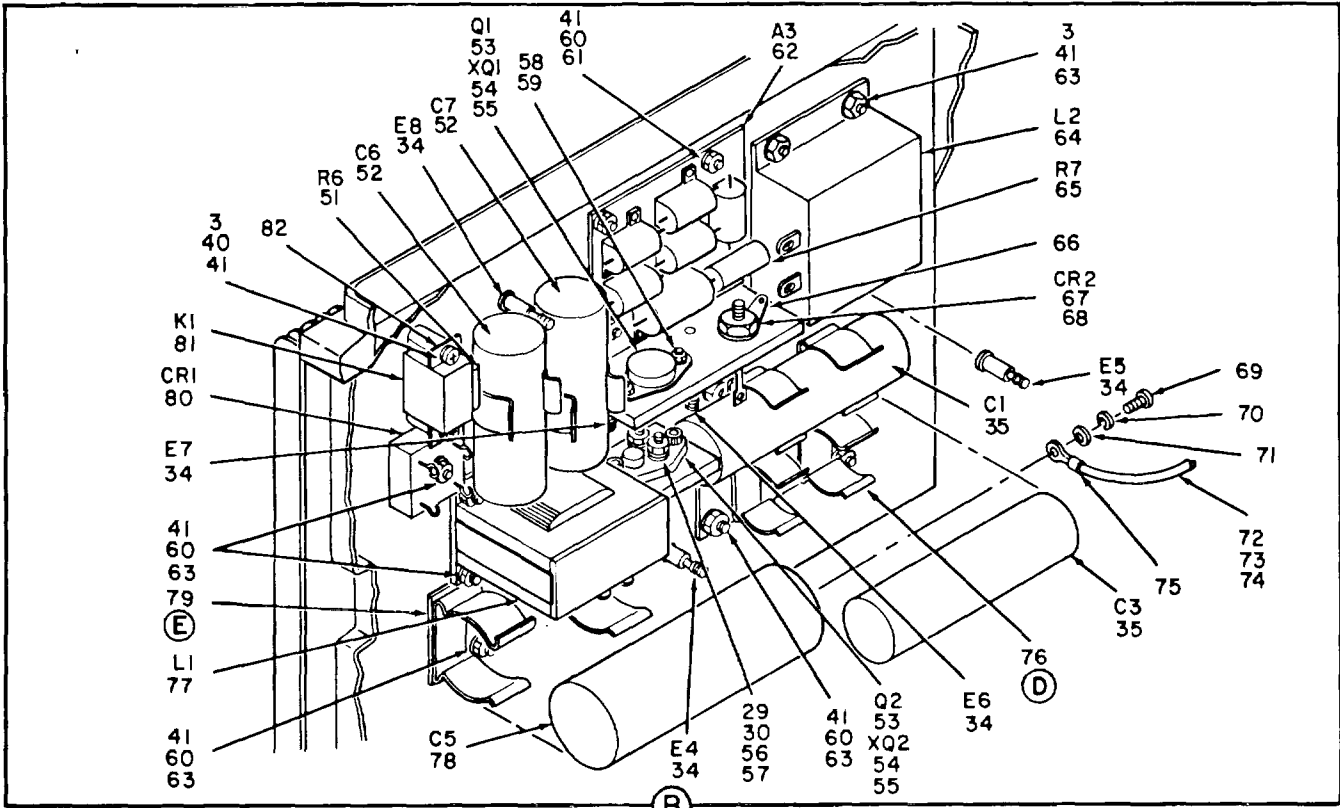
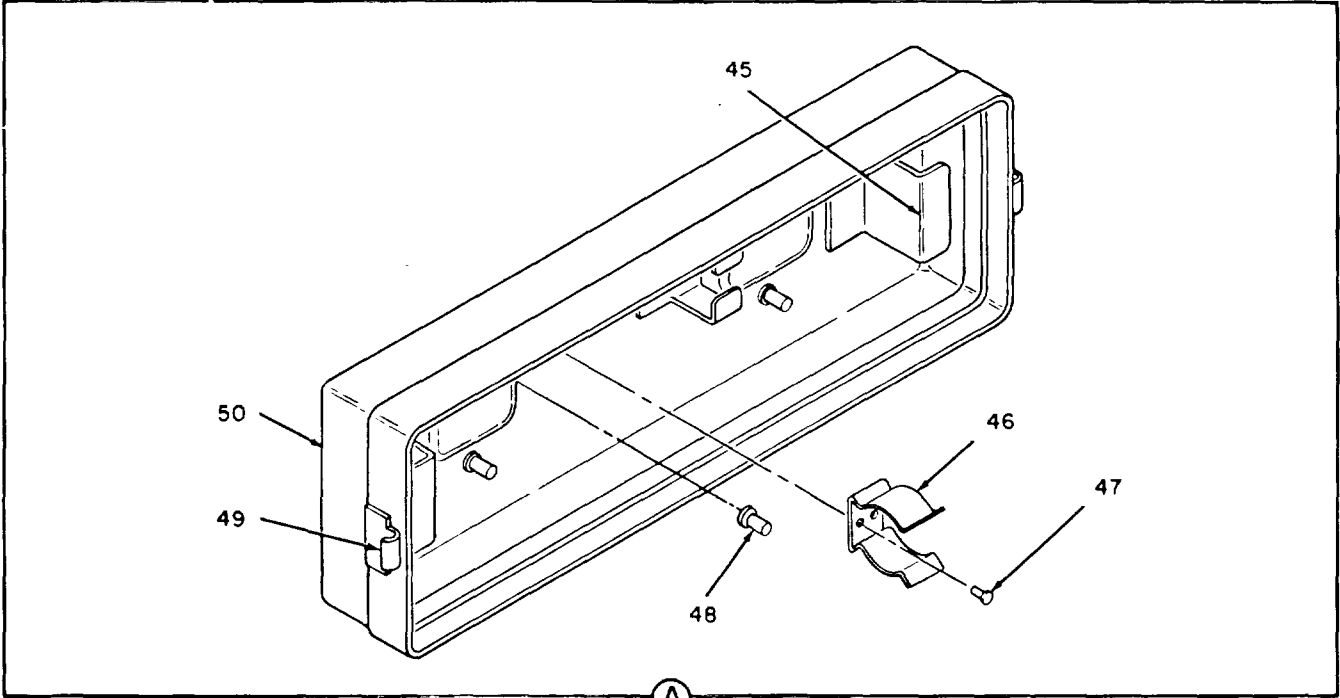
Not applicable.



- NOTES:
- 1. CABLE ASSEMBLY, ITEM NO. 5, IS SUPPLIED WITH THE POWER SUPPLY PP-6148A/U.
 - 2. USED ON SERIAL NUMBERS IA THRU 154A ONLY.
 - 3. USED ON SERIAL NUMBERS 155A AND UP.

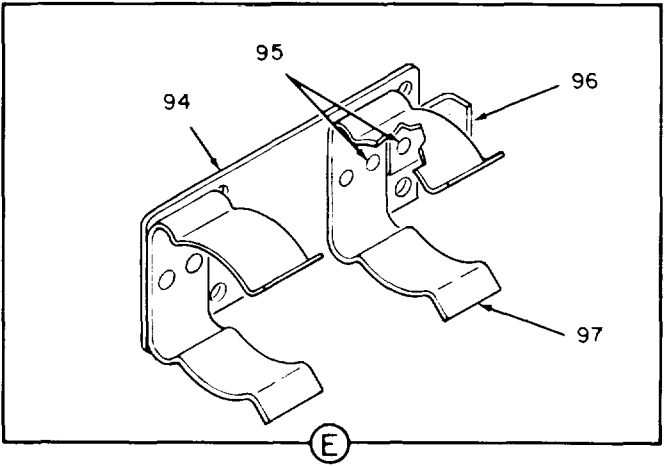
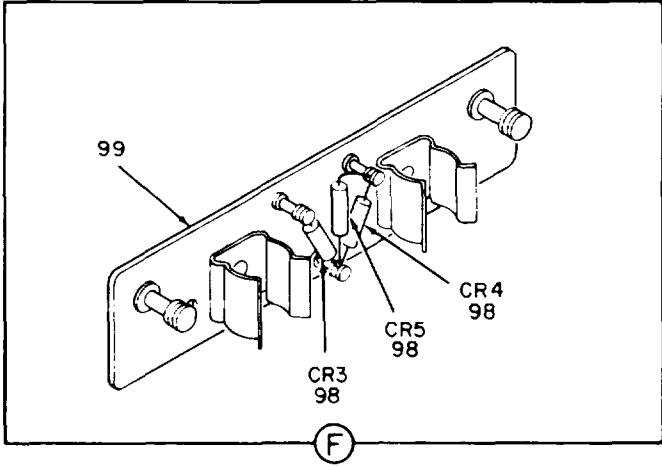
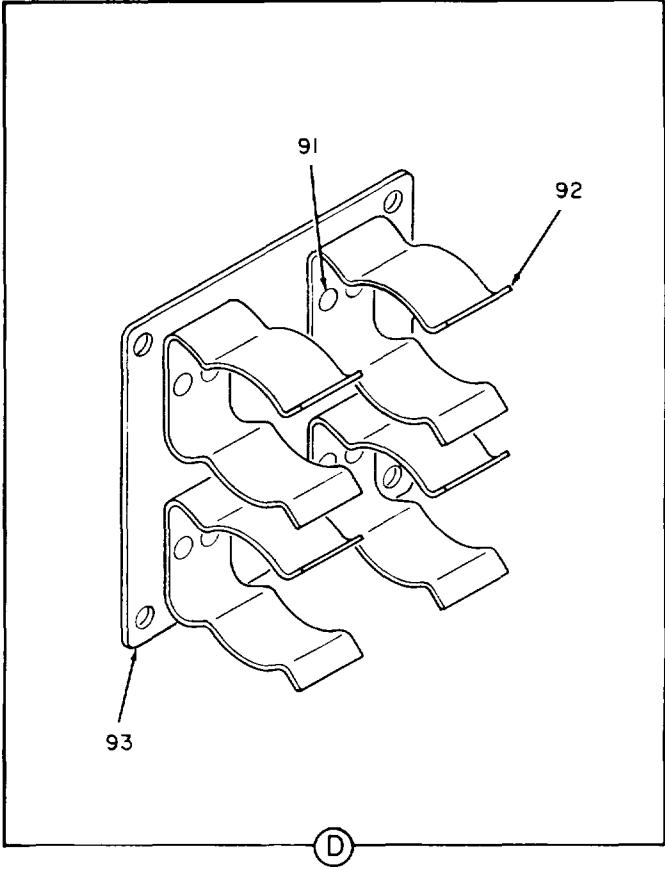
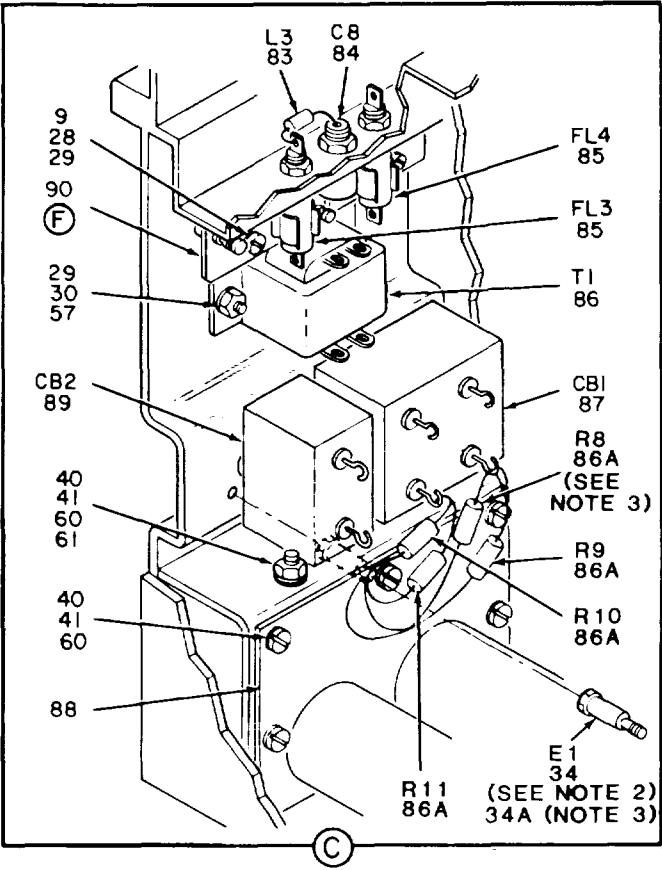
Figure 1. Power Supply PP-6148A/U (Sheet 1 of 3)

CEIKK001



CE1KK002

Figure 1. Power Supply PP-6148A/U Sheet 2 of 3)



CEIKK003

Figure 1. Power Supply PP-6148A/U (Sheet 3 of 3)

SECTION II

TM11-6130-356-34P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 00 POWER SUPPLY PP-6148A/U					
FIG. 1					
1	MDFZZ	80063	SM-C-595314	HANDLE,WEB MAKE FROM 81349 P/N MILW530ETYPE2A,CLASS4.....	1
2	PAFZZ	96906	MS51957-28	SCREW,MACHINE	14
3	PAFZZ	80205	NA5620-6	WASHER,FLAT	14
4	MDFZZ	80063	SM-B-595287	BAR,HANDLE MAKE FROM 81349 P/N QQ-..... A-250/8,5052-H32,0.12THK	2
5	PAOZZ	57945	C5067126-02	CABLE ASSEMBLY	1
5A	PAOZZ	96906	MS3116J14-5P	CONNECTOR,PLUG,ELEC	1
5B	PAODZ	71468	CA51509-13	CONNECTOR,PLUG,ELEC	1
6	MDFFF	82942	R431N	GASKET MAKE FROM 813C9 P/N..... MILR6130TYPE2GRADEAMEDIUM	V
7	MDOOZ	80063	SM-D-595316	CABLE ASSEMBLY,POWE MAKE FROM..... 81349 P/N C0-03MOF(3/18)0340	1
8	XBFZZ	80063	SCL-6028/1	CONNECTOR,RCPT,ELEC	1
9	PAFZZ	78022	12-910-00-103	WASHER,FLAT	12
10	PAFZZ	16688	597429	METER,AMPERE-HOUR	1
11	PAFZZ	81349	M5423/02-01	BOOT,DUST AND MOIST	3
12	PAFZZ	96906	MS35059-26	SWITCH,TOGGLE.	2
13	XBOZZ	81349	LC35/N2	LENS,INDICATOR LT.....	1
14	PAOZZ	81349	LH89/1	LIGHT,INDICATOR	1
15	PAOZZ	96906	M525237-327	LAMP,INCANDESCENT	1
16	PAFZZ	96906	H525068-23	SWITCH,TOGGLE.	1
17	PAFZZ	81349	RV6TAYSA102A	RESISTOR,VARIABLE,N	1
18	PAOZZ	96906	MS91528-1P4B	KNOB	1
19	XBFZZ	81349	RA20TASB252A	RESISTOR,VARIABLE	1
20	MDFZZ	80063	SM-C-595318	PLATE,IDENT MAKE FROM 81349 P/N QQ-..... A-250/1,N00-N14,0.02OTHK.....	1
21	PAFZZ	96906	MS21318-2	SCREW,DRIVE	4
22	XAFFF	80063	SM-D-595291	CHAS ASSY,ELEC EQPT	1
23	XBFZZ	81073	44MS45-4-1-SN	SWITCH,ROTARY.....	1
24	PAFZZ	81349	RCR05G201JS	RESISTOR,FIXED,COMP	3
25	XBFZZ	97539	5/8-32 X 1/4 IN	SCREW,ASSEM WASHER	1
26	PAFZZ	81349	JAN2N1485	TRANSISTOR.....	1
27	XBFZZ	13103	1109A	HEAT SINK,ELECTRICA	1
28	PAFZZ	96906	MS51957-15	SCREW,MACHINE	12
29	PAFZZ	96906	MS35338-135	WASHER,LOCK	14
30	PAHZZ	96906	MS15795-804	WASHER,FLAT .. .	8
31	XBFZZ	80063	SM-B-500790	VALVE,SAFETY RELIEF.....	1
32	PAFHH	80063	SM-D-595299	CIRCUIT CARD ASSEMB	1
33	XBFZZ	80063	SM-C-595315	CLIP,MOUNTING	1
34	PAFZZ	81349	SE206D02	TERMINAL,STUD	8
34A	PAFZZ	71279	160-2331-01	TERMINAL,STUD	1
35	XBFZZ	81349	CU17BR271UP1	CAP.,FXD,ELCTLT	4
36	PAFZZ	12881	07-0101-0004	SHIELDING GASKET,EL.....	V
37	XBFZZ	80063	SM-D-595298	COVER ASSY,PWR SPLY	1
38	PAFZZ	19130	RNC-112	FILTER,RADIO FREQUE	2
38A	XBOZZ	57945	C5067133-102	DECAL.	1

SECTION II

TM11-6130-356-34P

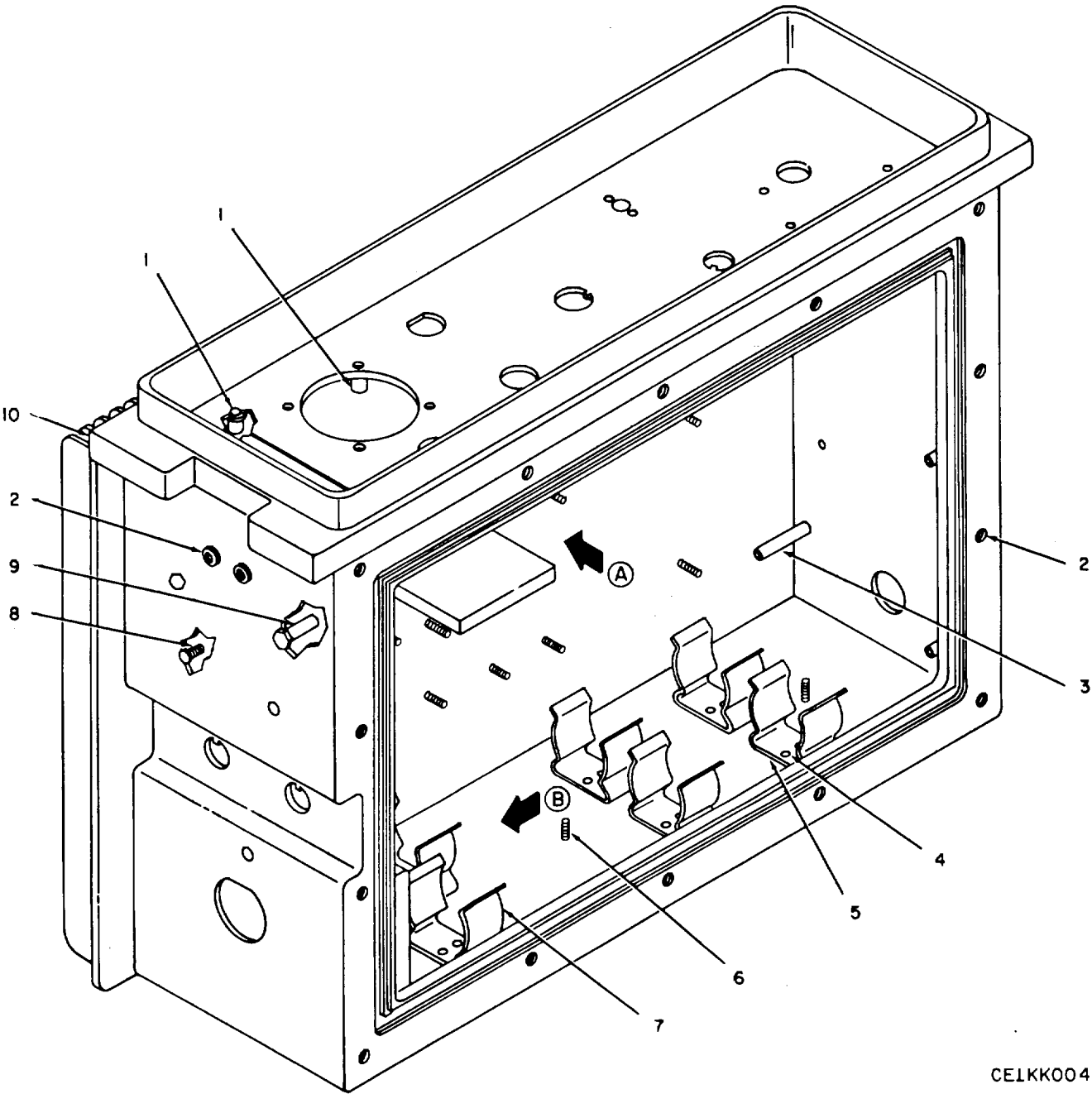
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
39	PAFZZ	96906	MS3474WI2-3P	CONNECTOR,RECEPTACL	1
40	PAFZZ	96906	MS51957-28	SCREW.,MACHINE	12
41	PAFZZ	96906	MS35338-136	WASHER,LOCK	33
42	PAFZZ	98003	SC-B-83314-2-SS1 30	CATCH,CLAMPING.....	2
43	XBFZZ	80063	SM-C-595302	PLATE,MOUNTING,CONN	1
44	PAFFF	80063	SM-D-595295	COVER,POWER SUPPLY	1
45	XBFZZ	80063	SM-D-595295-2	CLIP,CABLE RETAINER	2
46	XBFZZ	99378	100-200-13-19	CLIP,SPRING TENSION	1
47	PAFZZ	96906	MS20426AD4-5	RIVET,SOLID	2
48	PAFZZ	46384	BS-632-2	NUT,PLAIN,CLINCH	4
49	XBFZZ	80063	SM-D-595295-3	STRIKE,CATCH.....	2
50	XAFFF	80063	SM-D-595295-1	COVER,POWER SUPPLY	1
51	PAFZZ	81349	RCR32G100JS	RESISTOR,FIXED,COMP	1
52	XBFZZ	81349	M39018/03-124	CAPACITOR,FIXED,ELE.....	2
53	PAFZZ	94990	NJ10000	TRANSISTOR.....	2
54	PAFZZ	91501	8080-1G1	SOCKET,PLUG-IN ELEC	2
55	XBFZZ	81349	M38527/8-01P	INSULATOR,PLATE	2
56	PAFZZ	96906	MS51959-19	SCREW,MACHINE	2
57	PAFZZ	96906	MS35649-244	NUT,PLAIN,HEXAGON	2
58	PAFZZ	96906	MS16995-19	SCREW,CAP,SOCKET HE	4
59	PAFZZ	96906	MS35333-71	WASHER,LOCK	4
60	PAFZZ	80063	SM-B-416109-1	WASHER,FLAT	23
61	PAFZZ	96906	MS35649-264	NUT,PLAIN,HEXAGON	5
62	XBFZZ	80063	SM-0-595308	RESISTOR PLATE ASSY.....	1
63	PAFZZ	56118	WA904-10	NUT,PLAIN,HEXAGON	17
64	XBFZZ	08715	W-7926	REACTOR,POWER.....	1
65	PAFZZ	81349	RW67V100	RESISTOR,FIXED,WIRE	1
66	XBFZZ	96906	MS0035431-8	TERMINAL,LUG	1
67	PAFZZ	04713	MH745-7-16	HARDWARE KIT,ELECTR	1
68	PAFZZ	81349	JANIN3890	SEMICONDUCTOR DEVIC.....	1
69	PAFZZ	96906	MS51958-61	SCREW,MACHINE	2
70	PAFZZ	96906	MS35338-138	WASHER,LOCK	2
71	XBFZZ	06424	0770-9	WASHER,FLAT	2
72	MDFFF	80063	SM-A-595326	WIRING HARNESS MAKE FROM 81349 P/N	1
73	PAFZZ	96906	MS25036-101	MIL-W-16878/2	20
74	PAFZZ	96906	MS25036-106	TERMINAL,LUG	4
75	PAFZZ	96906	MS25036-108	TERMINAL,LUG	3
76	XBFZZ	80063	SM-C-595306	PLATE ASSY,CAP MTG.....	1
77	XBFZZ	08715	W-8020	REACTOR,POWER.....	1
78	PAFZZ	81349	CE71C012H	CAPACITOR,FIXED,ELE.....	1
79	XBFZZ	80063	SM-C-595303	PLATE ASSY,CAP MTG.....	1
80	XBFZZ	12969	679-5	RECT,SEMICONDC DVC	1
81	PAFZZ	81349	M5757/28-001	RELAY,ELECTROMAGNET.....	1
82	PAFZZ	83330	2324	POST,ELECTRICAL-MEC.....	2
83	XBFZZ	96906	MS75085-7	COIL,RADIO FREQUENC	1
84	PAFZZ	81349	CK70AW102M	CAPACITOR,FIXED,CER.....	1
85	PAFZZ	72982	9004-103-1005	FILTER,RADIO FREQUE	2
86	XBFZZ	08715	W-8100	XFMR,PWR STEP-DOWN	1
86A	XBOZZ	81349	RCR20G514JS	RESISTOR,FIXED,COMP	4
87	XBFZZ	81541	AP12-1-4-2-752	CIRCUIT BREAKER	1

SECTION II

TM11-6130-356-34P

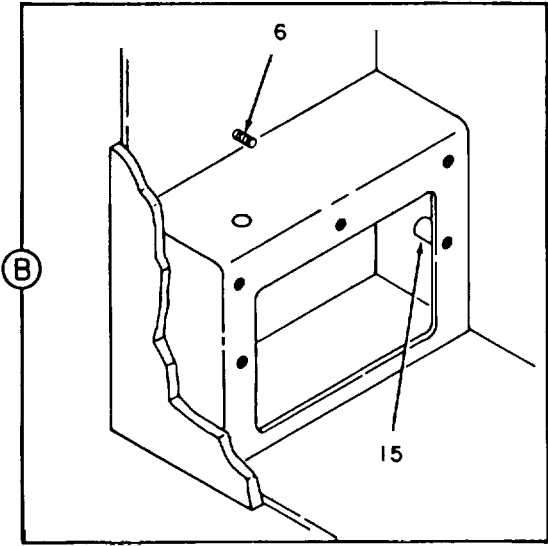
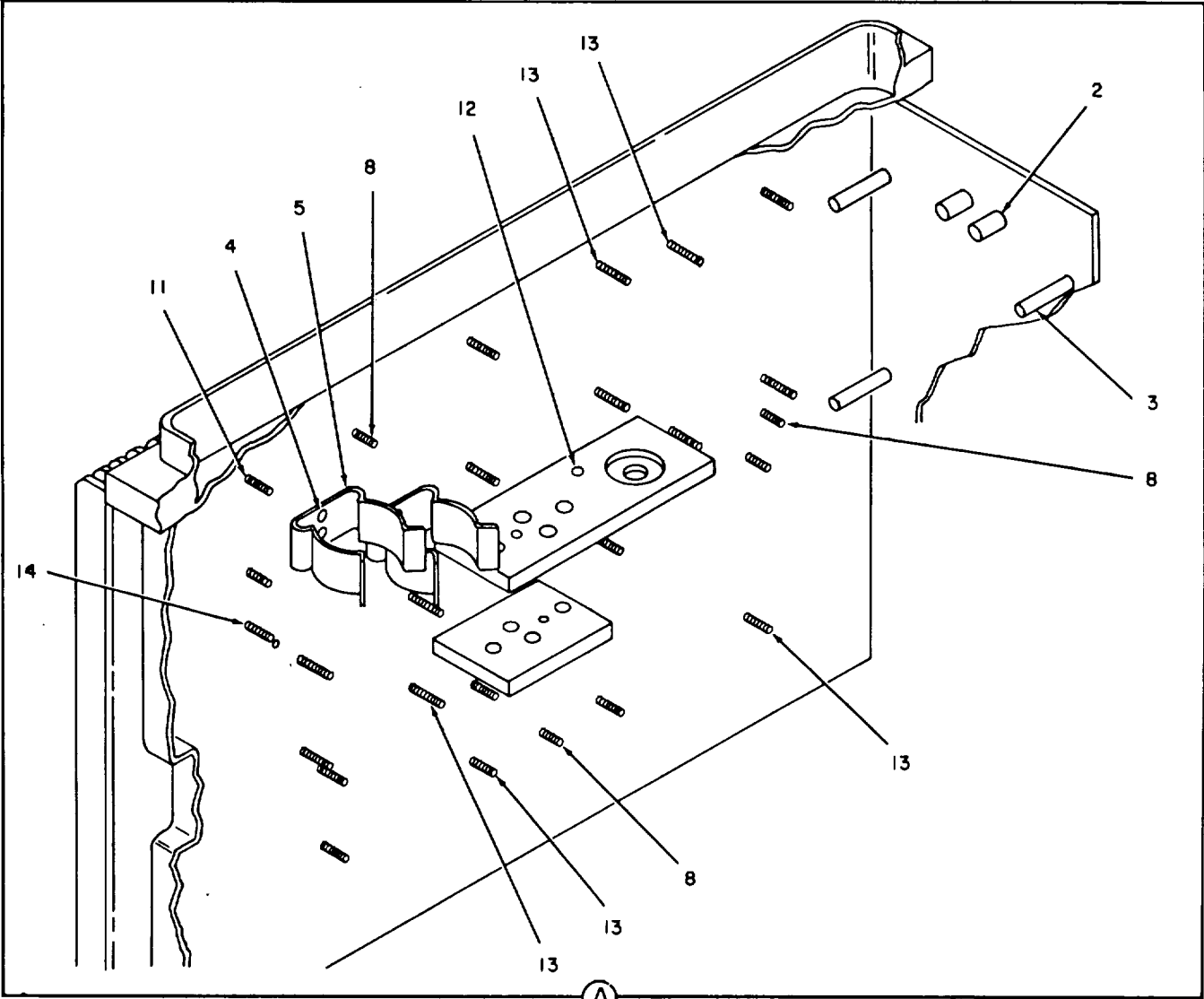
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
88	XBFZZ	80063	SM-C-595301	PLATE,MTG,FILTER	1
89	XBFZZ	81541	AP1-1-5-2-1122	CIRCUIT BREAKER	1
90	XBFZZ	80063	SM-D-595311	DIODE PLATE ASSY.....	1
91	PAFZZ	96906	M520426AD4-5	RIVET,SOLID.....	8
92	XBFZZ	99378	100-200-13-19	CLIP,SPRING TENSION	4
93	XBFZZ	80063	SM-C-595307	PLATE,MTG,CAPACITOR	1
94	XBFZZ	80063	SM-C-595304	PLATE,MTG,CAPACITOR	1
95	PAFZZ	96906	M520426AD4-5	RIVET,SOLID	5
96	XBFZZ	80063	SM-B-595305	BRACKET,ANGLE.....	1
97	XBFZZ	99378	100-200-18-8	CLIP,SPRING TENSION	2
98	PAFZZ	81349	JAN1N645	SEMICONDUCTOR DEVIC.....	3
99	XBFZZ	80063	SM-C-595312	PLATE ASSY,DIO MTG.....	1

END OF FIGURE



CE1KK004

Figure 2. Electrical Equipment Chassis Assembly (Sheet 1 of 2)



CELKK005

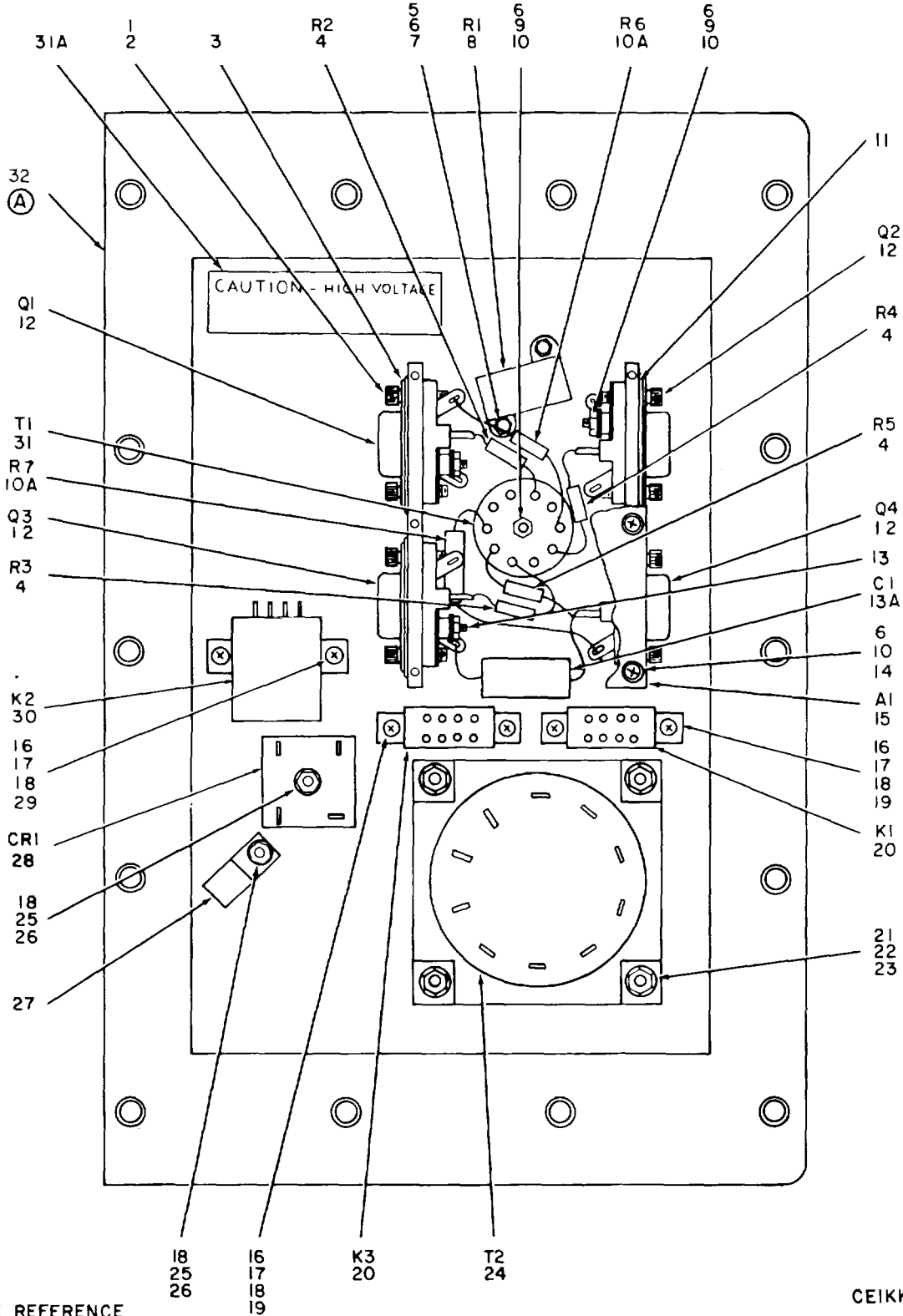
Figure 2. Electrical Equipment Chassis Assembly (Sheet 2 of 2)

SECTION II

TM11-6130-356-34P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
ELECTRICAL EQUIPMENT CHASSIS ASSEMBLY					
FIG. 2					
1	PAFZZ	46384	BS-440-3	NUT,PLAIN,CLINCH.....	10
2	PAFZZ	46384	BS-632-3	NUT,PLAIN,CLINCH.....	
3	PAFZZ	46384	BS0S-440-28	NUT,PLAIN,CLINCH.....	6
4	PAFZZ	96906	MS20426AD4-5	RIVET,SOLID.....	16
5	XBFZZ	99378	100-200-13-19	CLIP,SPRING TENSION	6
6	XBFZZ	46384	FHS-4-40-4	STUD,SELF-LOCKING	3
7	XBFZZ	99378	100-200-18-8	CLIP,SPRING TENSION	
8	XBFZZ	46384	FHS-4-40-5	STUD,SELF-LOCKING	5
9	PAFZZ	46384	BS0S-440-20	NUT,PLAIN,CLINCH	2
10	XAFFF	80063	SM-D-595292	CHASSIS,ELEC EQPT	1
11	XBFZZ	46384	FHS-6-32-6	STUD,SELF-LOCKING	2
12	PAFZZ	81349	M63540/1-8C	STUD,SELF-LOCKING	2
13	PAFZZ	81349	M63540/1-14C	STUD,SELF-LOCKING	20
14	PAFZZ	81349	M63540/1-16C	STUD,SELF-LOCKING	1
15	PAFZZ	46384	BS-632-2	NUT,PLAIN,CLINCH	5

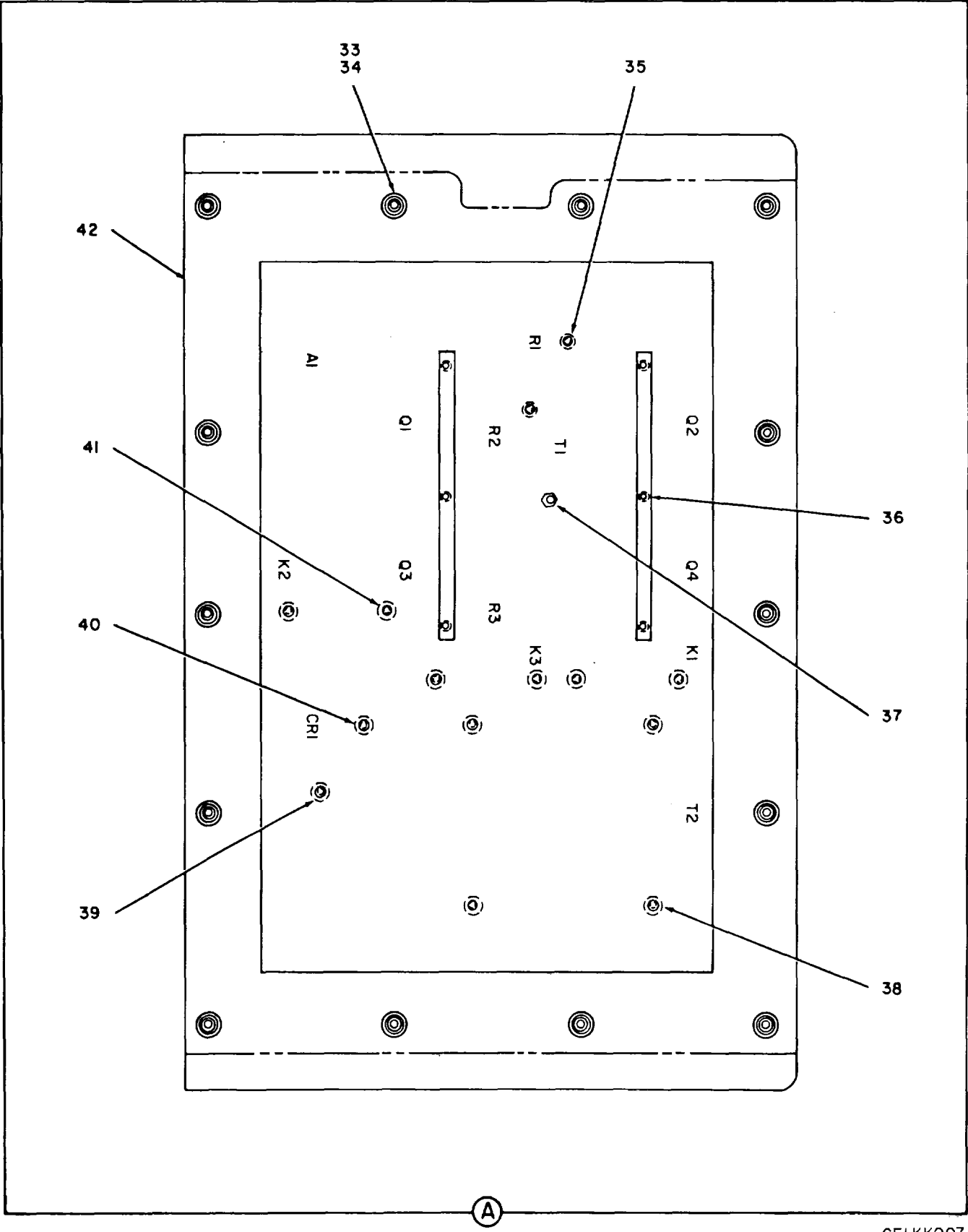
END OF FIGURE



PREFIX ALL REFERENCE DESIGNATIONS WITH A1.

CEIKK006

Figure 3. Cover Assembly (A1) (Sheet 1 of 2)



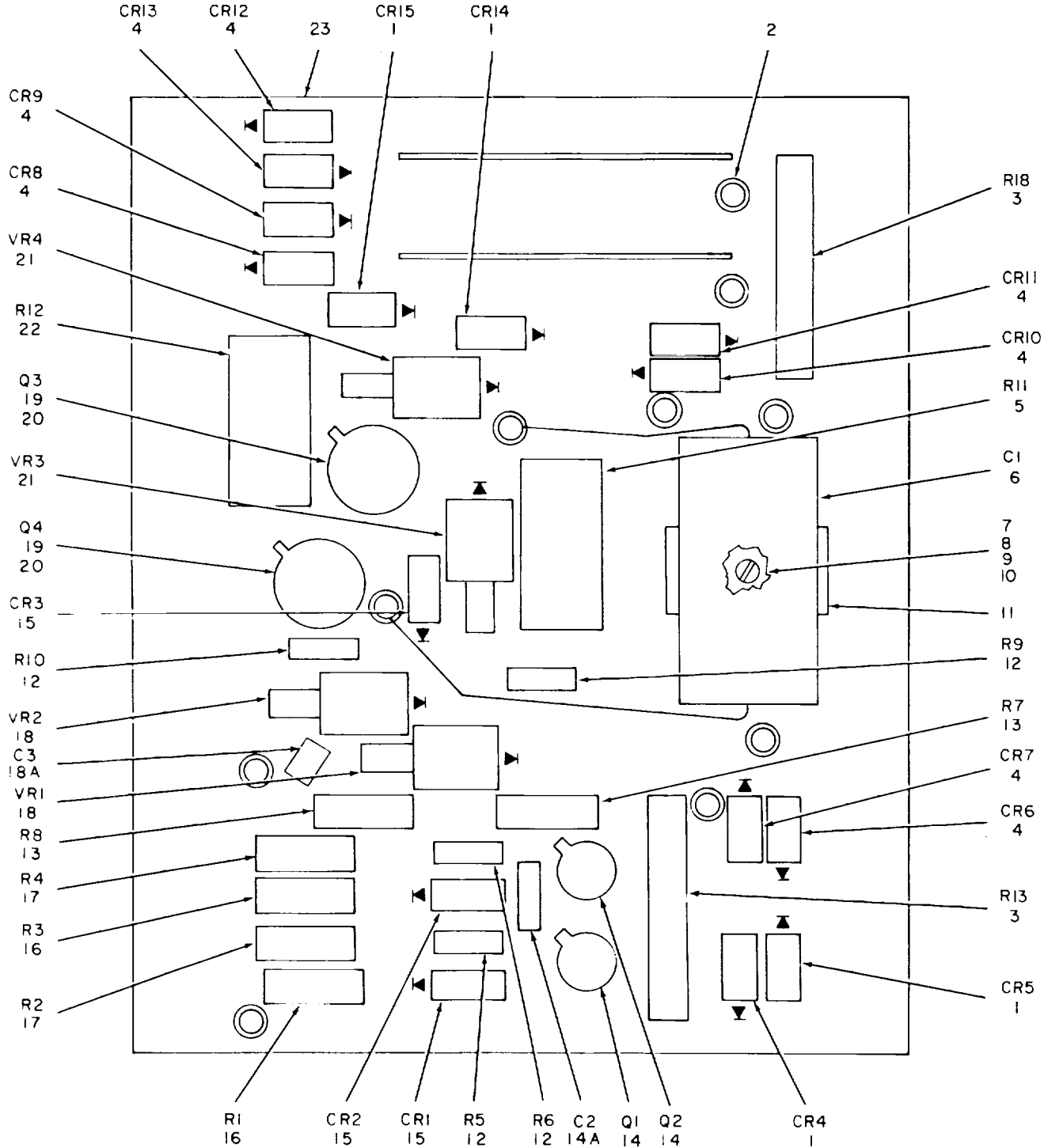
A

CELKK007

Figure 3. Cover Assembly (A1) (Sheet 2 of 2)

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 01 COVER ASSEMBLY (A1)					
FIG. 3					
1	PAFZZ	96906	MS16995-19	SCREW,CAP,SOCKET HE	8
2	PAFZZ	96906	MS35333-71	WASHER,LOCK	8
3	XBFZZ	81349	M38527/8-01P	INSULATOR,PLATE	4
4	PAFZZ	81349	RW67VIR0	RESISTOR,FIXED,WIRE	4
5	PAFZZ	78022	12-910-00-103	WASHER,FLAT	2
6	PAHZZ	96906	MS35338-135	WASHER,LOCK	13
7	PAFZZ	10001	869790PC2	NUT,PLAIN,HEXAGON	2
8	PAFZZ	81349	RER70F2R00R	RESISTOR,FIXED,WIRE	1
9	PAFZZ	96906	MS35649-244	NUT,PLAIN,HEXAGON	5
10A	XBFZZ	56289	243E2035	RESISTOR,FIXED,WIRE	2
11	PAFZZ	91506	8080-1G1	SOCKET,PLUG-IN ELEC	4
12	XBFZZ	12436	810002-819	SEMICONDUCTOR DEVIC.....	4
13	PAFZZ	96906	MS51959-19	SCREW,MACHINE	4
13A	PAFZZ	81349	CQR09A1KG123K3K	CAPACITOR,FIXED,PLAS	1
14	PAHZZ	96906	MS51957-15	SCREW,MACHINE	6
15	PAFHH	80063	SM-D-595296	CIRCUIT CARD ASSEMB	1
16	PAFZZ	96906	MS51957-28	SCREW,MACHINE	6
17	PAFZZ	80205	NAS620-6	WASHER, FLAT	14
18	PAFZZ	96906	M535338-136	WASHER,LOCK	8
19	PAFZZ	83330	2324	POST,ELECTRICAL-MEC.....	4
20	XBFZZ	09026	BR7X-15KDS-115V	RELAY,ARMATURE	2
21	PAFZZ	96906	MS35649-284	NUT,PLAIN,HEXAGON	4
22	PAFZZ	96906	MS35338-137	WASHER,LOCK	4
23	PAFZZ	96906	MS15795-807	WASHER,FLAT	4
24	XBFZZ	08715	W-8148	TRANSFORMER,POWER	1
25	PAFZZ	80063	SM-B-416109-1	WASHER,FLAT	2
26	PAFZZ	96906	MS35649-264	NUT,PLAIN,HEXAGON	2
27	PAFZZ	80205	NAS1397P6N	CLAMP,LOOP.....	1
28	PAFZZ	81349	JAN1N647	SEMICONDUCTOR DEVIC.....	1
29	PAFZZ	83330	2322	NUT,PLAIN,HEXAGON	2
30	PAFZZ	09026	BR7X-300D2-26V	RELAY,ELECTROMAGNET.....	1
31	XBFZZ	08715	W-8147	TRANSFORMER INV	1
31A	XBFZZ	57945	C5067133-101	DECAL	1
32	XBFZZ	80063	SM-D-595293	COVER ASSY,PWR SPLY	1
33	PAFZZ	87557	9333C0002-29	SCREW,EXTERNALLY RE	14
34	XBFZZ	94833	54642	NUT,SHEET SPRING.....	14
35	XBFZZ	46384	FHS-4-40-8	STUD,SELF-LOCKING	2
36	PAFZZ	96906	MS21209-C0415	INSERT,SCREW THREAD	11
37	XBFZZ	07886	NCS-45-3-32	STUD,SELF-LOCKING	1
38	PAFZZ	46384	FHS-632-8X	STUD,SELF-LOCKING	4
39	PAFZZ	81349	M63540/1-14C	STUD,SELF-LOCKING	1
40	PAFZZ	81349	M63540/1-16C	STUD,SELF-LOCKING	1
41	XBFZZ	46384	FHS-6-32-6	STUD,SELF-LOCKING	6
42	XAFFF	80063	SM-D-595294	COVER,POWER SUPPLY	1

END OF FIGURE



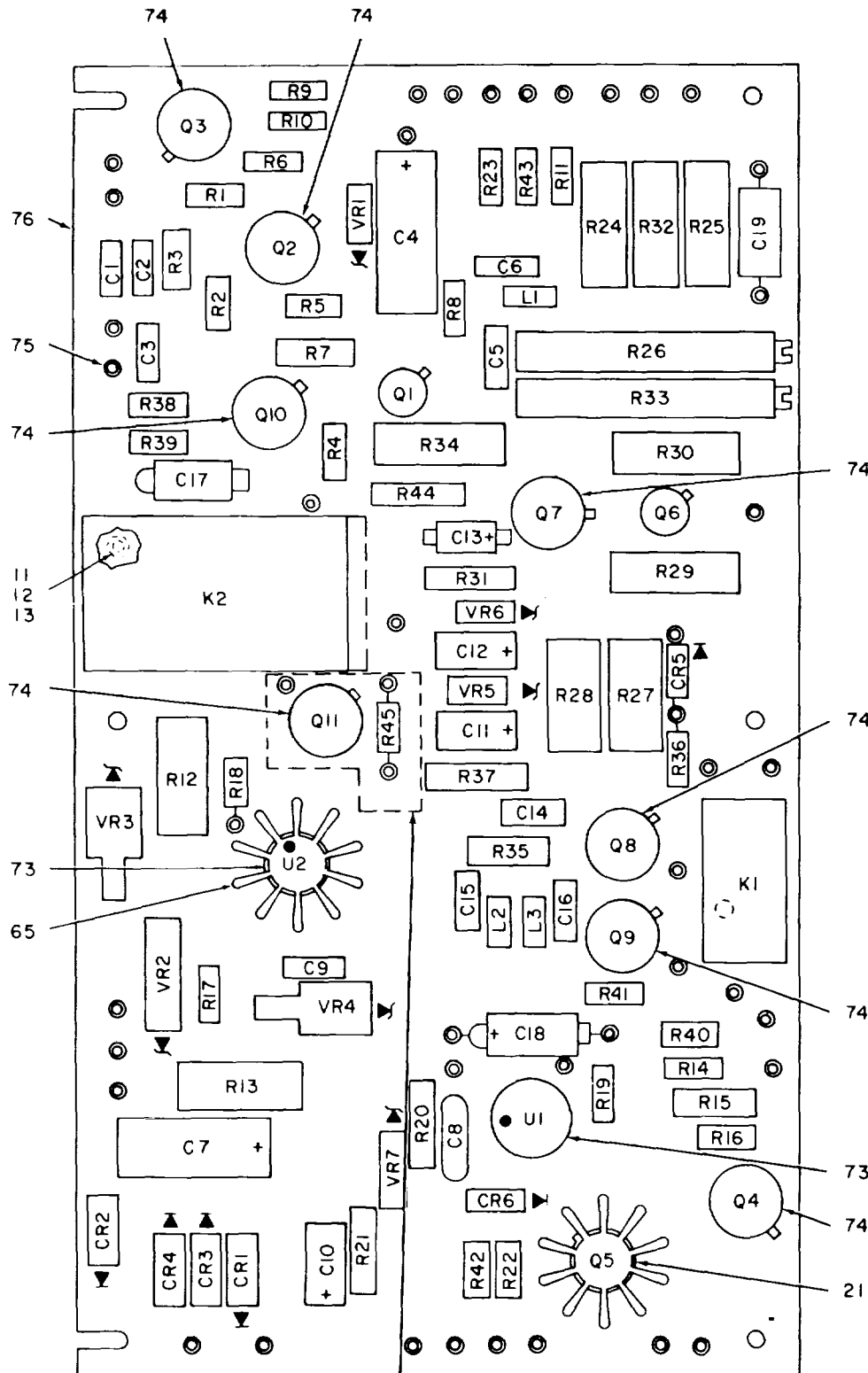
PREFIX ALL REFERENCE DESIGNATIONS WITH A1A1

CEIKK008

Figure 4. Circuit Card Assembly, Converter (A1A1)

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 0101 CIRCUIT CARD ASSEMBLY CONVERTER (A1A1)					
FIG. 4					
1	PAHZZ	81349	JAN1N4944	SEMICONDUCTOR DEVIC.....	4
2	XBHZZ	81349	M5515/30-6	TERMINAL,STUD.....	10
3	PAHZZ	56289	243E2035	RESISTOR,FIXED,WIRE.....	2
4	PAHZZ	81349	JAN1N4942	SEMICONDUCTOR DEVIC.....	8
5	PAHZZ	81349	RWR89S3011FS	RESISTOR,FIXED,WIRE.....	1
6	PAHZZ	81349	M39022/01-1673	CAPACITOR,FIXED,MET.....	1
7	PAHZZ	96906	MS51957-3	SCREW,MACHINE.....	1
8	PAHZZ	96906	MS15795-802	WASHER,FLAT.....	1
9	PAHZZ	96906	MS35338-134	WASHER,LOCK.....	1
10	PAHZZ	96906	MS35649-224	NUT,PLAIN,HEXAGON.....	1
11	PAHZZ	81349	M24066/2-110	CLIP,SPRING TENSION.....	1
12	PAHZZ	16845	1000-483-23	RESISTOR,FIXED.....	4
13	PAHZZ	81349	RCR20G104JS	RESISTOR,FIXED,COMP.....	2
14	PAHZZ	81349	JAN2N2907A	TRANSISTOR.....	2
14A	PAHZZ	81349	MS39014/01-1593	CAPACITOR,FIXED,CER.....	1
15	PAHZZ	81349	JAN1N647	SEMICONDUCTOR DEVIC.....	3
16	PAEZZ	81349	RCR20G333JS	RESISTOR,FIXED,COMP.....	2
17	PAHZZ	81349	RCR20G273JS	RESISTOR,FIXED,COMP.....	2
18	PAHZZ	81349	JAN1N3037B	SEMICONDUCTOR DEVIC.....	2
1C	PAHZZ	81349	M39014/02-1310	CAPACITOR,FIXED,CER.....	1
19	PAHZZ	81349	JAN2N3439L	TRANSISTOR.....	2
20	XBHZZ	13103	7717-86-DAP	MOUNTING PAD,ELECTR.....	2
21	PAHZZ	81349	JAN1N3051B	SEMICONDUCTOR DEVIC.....	2
22	PAHZZ	81349	RCR42G302JS	RESISTOR,FIXED,COMP.....	1
23	XAHZZ	80063	SM-D-595297	PRINTED WIRING BD.....	1

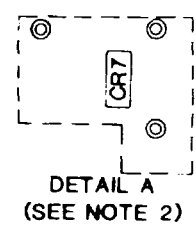
END OF FIGURE



REF DES	ITEM NO.	REF DES	ITEM NO.
C1	1	R7	30
C2	1	R8	31
C3	1	R9	32
C4	2	R10	33
C5	1	R11	34
C6	1	R12	35
C7	3	R13	36
C8	4	R14	37
C9	1	R15	38
C10	5	R16	39
C11	6	R17	40
C12	6	R18	41
C13	6	R19	42
C14	1	R20	30
C15	1	R21	43
C16	1	R22	44
C17	7	R23	45
C18	7	R24	46
C19	7A	R25	47
CR1	8	R26	48
CR2	8	R27	49
CR3	8	R28	50
CR4	8	R29	51
CR5	9	R30	51
CR6	9A	R31	52
CR7	9	R32	53
K1	10	R33	54
K2	14	R34	51
L1	15	R35	55
L2	15	R36	56
L3	15	R37	30
Q1	16	R38	57
Q2	17	R39	58
Q3	18	R40	59
Q4	19	R41	60
Q5	20	R42	61
Q6	22	R43	28
Q7	23	R44	62
Q8	24	R45	63
Q9	18	U1	64
Q10	18A	U2	66
Q11	18	VR1	67
R1	25	VR2	68
R2	25	VR3	69
R3	26	VR4	70
R4	27	VR5	71
R5	28	VR6	72
R6	29	VR7	72A

NOTES:
 1. PREFIX ALL REFERENCE DESIGNATIONS WITH A2.
 2. Q11 and R45 USED ON SERIAL NUMBERS 1A THRU 206A
 CR7 USED ON SERIAL NUMBERS 207A AND UP.

SEE DETAIL A AND NOTE 2



CEIKK009

Figure 5. Circuit Card Assembly, Control (A2)

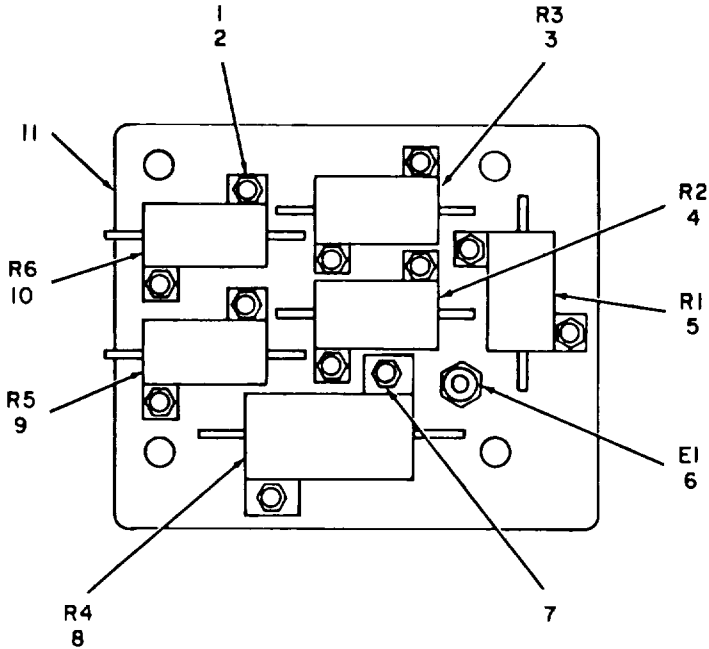
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 02 CIRCUIT CARD ASSEMBLY, CONTROL (A2)					
FIG. 5					
1	PAHZZ	81349	M39014/02-1350	CAPACITOR, FIXED, CER.....	9
2	PAHZZ	81349	M39003/01-3026	CAPACITOR, FIXED, ELE.....	1
3	PAHZZ	81349	M39003/01-3027	CAPACITOR, FIXED, ELE.....	1
4	PAHZZ	81349	CMR05F910G0DR	CAPACITOR, FIXED, MIC.....	1
5	XBHZZ	81349	M39003/01-3064	CAPACITOR, FIXED, ELE.....	1
6	PAHZZ	81349	M39003/01-3000	CAPACITOR, FIXED, ELE.....	3
7	PAHZZ	81349	M39003/01-3009	CAPACITOR, FIXED, ELE.....	2
7A	PAHZZ	81349	M39003/01-2991	CAPACITOR, FIXED, ELE.....	1
8	PAHZZ	81349	JAN1N4246	SEMICONDUCTOR DEVIC.....	4
9	PAHZZ	81349	JAN1N645	SEMICONDUCTOR DEVIC.....	1
9A	PAHZZ	81349	JAN1N4148	SEMICONDUCTOR DEVIC.....	1
10	PAHZZ	81349	M39016/109P	RELAY, ELECTROMAGNET.....	1
11	PAHZZ	96906	MS35649-244	NUT, PLAIN, HEXAGON.....	2
12	PAHZZ	96906	MS35338-135	WASHER, LOCK.....	2
13	PAHZZ	96906	M515795-804	WASHER, FLAT.....	2
14	PAHZZ	81349	M5757/13-040	RELAY, ELECTROMAGNET.....	1
15	PAHZZ	96906	MS75085-19	COIL, RADIO FREQUENC.....	3
16	PAHZZ	81349	JAN2N3823	TRANSISTOR.....	1
17	PAHZZ	81349	JAN2N2905A	TRANSISTOR.....	1
18	PAHZZ	81349	JAN2N2324	SEMICONDUCTOR DEVIC.....	3
18A	PAHZZ	17658	VN67AB	SEMICONDUCTOR DEVIC.....	1
19	PAHZZ	59433	321261	TRANSISTOR.....	1
20	PAHZZ	81349	JAN2N1893	TRANSISTOR.....	1
21	PAHZZ	08742	61-639-000	HEAT SINK, ELECTRICA.....	1
22	PAHZZ	81349	JAN2N2907A	TRANSISTOR.....	1
23	PAHZZ	81349	JAN2N2920	SEMICONDUCTOR DEVIC.....	1
24	PAHZZ	81349	JAN2N2219A	TRANSISTOR.....	1
25	XBHZZ	81349	RCR07G362JS	RESISTOR, FXD, CMPSN.....	2
26	PAHZZ	81349	RCR07G7513JS	RESISTOR, FIXED.....	1
27	PAHZZ	81349	RCR07G333JS	RESISTOR, FIXED, COMP.....	1
28	PAHZZ	81349	RCR07G471JS	RESISTOR, FIXED, COMP.....	2
29	PAHZZ	81349	RCR07G472JS	RESISTOR, FIXED, COMP.....	1
30	PAHZZ	81349	RAR8051001FS	RESISTOR, FIXED, WIRE.....	3
31	PAHZZ	81349	RCR07G123JS	RESISTOR, FIXED, COMP.....	1
32	PAHZZ	81349	RCR07G621JS	RESISTOR, FIXED, COMP.....	1
33	PAHZZ	81349	RCR07G911JS	RESISTOR, FIXED, COMP.....	1
34	PAHZZ	81349	RCR07G152JS	RESISTOR, FIXED, COMP.....	1
35	PAHZZ	81349	RCR32G511JS	RESISTOR, FIXED, COMP.....	1
36	PAHZZ	81349	RCR32G222JS	RESISTOR, FIXED, COMP.....	1
37	PAHZZ	16845	1000-483-23	RESISTOR, FIXED.....	1
38	PAHZZ	81349	RCR20GI52JS	RESISTOR, FIXED, COMP.....	1
39	PAHZZ	81349	RCR07G302JS	RESISTOR, FIXED, COMP.....	1
40	PAHZZ	81349	RCR07G102JS	RESISTOR, FIXED, COMP.....	1
41	PAHZZ	81349	RCR07G105JS	RESISTOR, FIXED, COMP.....	1
42	PAHZZ	81349	RCR07G124JS	RESISTOR, FIXED, COMP.....	1
43	PAHZZ	81349	RWR80S2R00FS	RESISTOR, FIXED, WIRE.....	1

SECTION II

TM11-6130-356-34P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
44	PAHZZ	81349	RCR07G201JS	RESISTOR, FIXED, COMP	1
45	PAHZZ	81349	RCR07G183JS	RESISTOR, FIXED, COMP	1
46	PAHZZ	81349	RWR89S6190FS	RESISTOR, FIXED, WIRE	1
47	XBHZZ	81349	RW79U8601F	RESISTOR, FXD, WW	1
48	PAHZZ	81349	M39015/1-005PP	RESISTOR, VARIABLE, W	1
49	PAHZZ	81349	RW69V221	RESISTOR, FIXED, WIRE	1
50	PAHZZ	81349	RW69V561	RESISTOR, FIXED, WIRE	1
51	PAHZZ	81349	RWR89S3321FS	RESISTOR, FIXED, WIRE	3
52	PAHZZ	81349	RWR80S2211FS	RESISTOR, FIXED, WIRE	1
53	XBHZZ	81349	RW79U5601F	RESISTOR, FXD, WW	1
54	PAHZZ	81349	M39015/1-003PP	RESISTOR, VARIABLE, W	1
55	PAHZZ	81349	RCR20G103JS	RESISTOR, FIXED, COMP	1
56	PAHZZ	81349	RCR07G113JS	RESISTOR, FIXED, COMP	1
57	PAHZZ	81349	RCR07G104JS	RESISTOR, FIXED, COMP	1
58	PAHZZ	81349	RCR07G203JS	RESISTOR, FIXED, COMP	1
59	PAHZZ	81349	RCR07G821JS	RESISTOR, FIXED, COMP	1
60	PAHZZ	81349	RCR07G163JS	RESISTOR, FIXED, COMP	1
61	PAHZZ	81349	RCR07G361JS	RESISTOR, FIXED, COMP	1
62	XDHZZ	81349	RWR80S2210FR	RESISTOR, FIXED, WIRE	1
63	PAHZZ	81349	RCR07G202JS	RESISTOR, FIXED, COMP	1
64	PAHZZ	07263	HL29762	MICROCIRCUIT, LINEAR	1
65	PAHZZ	96238	54000027-000	HEAT SINK, ELECTRICAL	1
66	XBHZZ	12436	V00580-002	MICROCIRCUIT, LINEAR	1
67	PAHZZ	81349	JAN1N755A	SEMICONDUCTOR DEVIC	1
68	PAHZZ	81349	JAN1N4969	SEMICONDUCTOR DEVIC	1
69	PAHZZ	81349	JAN1N3024B	SEMICONDUCTOR DEVIC	1
70	PAHZZ	24444	1N4060A	SEMICONDUCTOR DEVIC	1
71	PAHZZ	81349	JAN1N4958	SEMICONDUCTOR DEVIC	1
72	PAHZZ	81349	JAN1N823	SEMICONDUCTOR	1
72A	PAHZZ	81349	JAN1N970B	SEMICONDUCTOR DEVIC	1
73	XBHZZ	32559	701-130	MTG PAD, ELEC-ELEK	2
74	XBHZZ	13103	7717-86-DAP	MOUNTING PAD, ELECTR	8
75	PAHZZ	81349	SE14XC01	TERMINAL, FEEDTHRU	43
76	XAHZZ	80063	SM-D-595300	PRINTED WIRING BD	1

END OF FIGURE



PREFIX ALL REFERENCE DESIGNATIONS WITH A3.

CEIKKOIO

Figure 6. Resistor Plate Assembly (A3)

SECTION II

TM-11-6130-356-34P

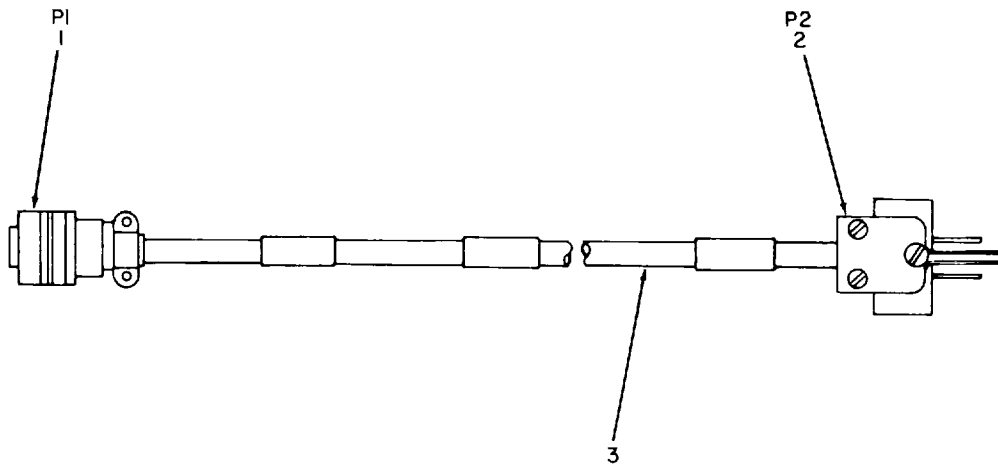
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
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GROUP 03 RESISTOR PLATE ASSEMBLY (A3)

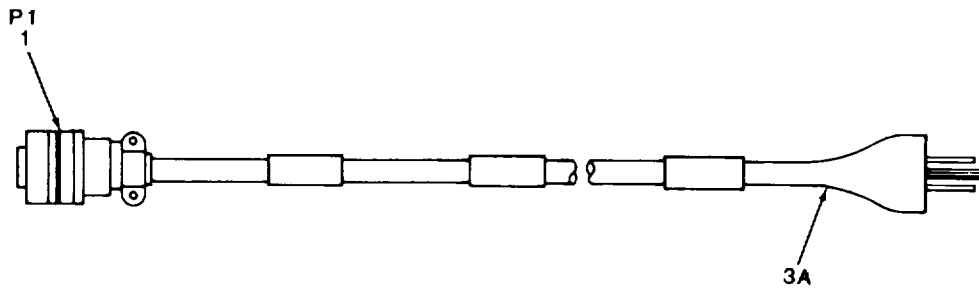
FIG. 6

1	PAFZZ	97852	2SST	NUT,PLAIN,HEXAGON.	10
2	PAFZZ	96906	MS35338-134	WASHER,LOCK.	10
3	XBFZZ	81349	RE65GR450	RESISTOR,FXD,WW	1
4	PAFZZ	81349	RER65FIR00R	RESISTOR,FIXED,WIRE	1
5	XBFZZ	81349	RE65G2R20	RESISTOR,FXD,WW	1
6	PAFZZ	81349	SE206D02	TERMINAL,STUD	1
7	PAFZZ	82577	717899-038	NUT,PLAIN,HEXAGON.	2
8	PAFZZ	81349	RER70FR200R	RESISTOR,FIXED,WIRE	1
9	PAFZZ	81349	RE65GR050	RESISTOR,FIXED,WIRE	1
10	PAFZZ	81349	RER65FR200R	RESISTOR,FIXED,WIRE	1
11	XBFZZ	80063	SM-C-595309	PLATE ASSY,RES MTG.....	1

END OF FIGURE



(THIS CONFIGURATION USED ON CONTRACT EC8)



(THIS CONFIGURATION USED ON CONTRACT FWQ)

PREFIX ALL REFERENCE
DESIGNATIONS WITH WI.

CEIKK011

Figure 7. Cable Assembly, Special Purpose, Electrical, AC (W-1)

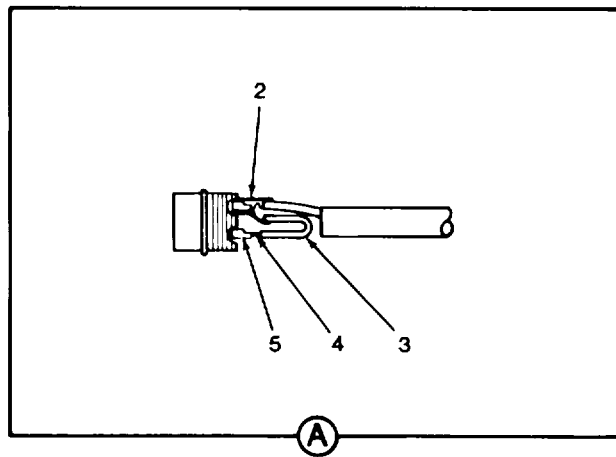
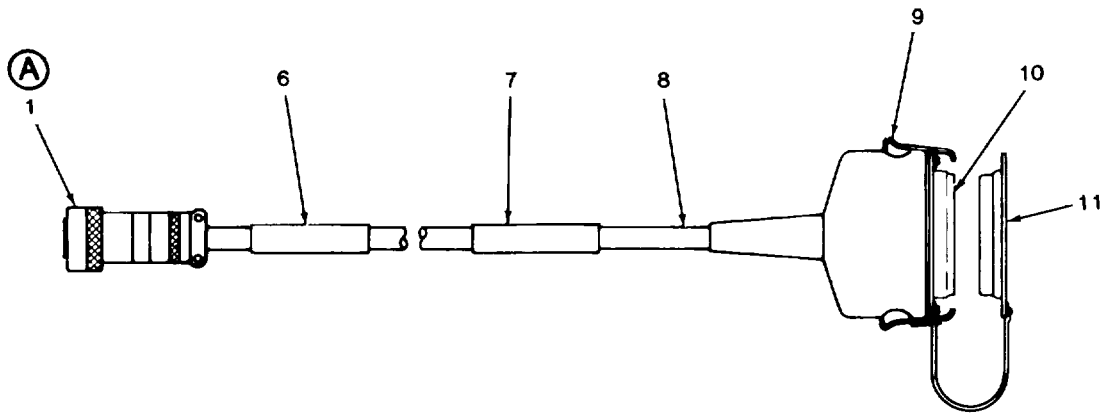
(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
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GROUP 0401 CABLE ASSEMBLY, SPECIAL
PURPOSE, ELECTRICAL,
AC (W-1)

FIG. 7 CABLE GROUP 04

1	PAOZZ	96906	M53116F12-35	CONNECTOR, PLUG, ELEC.....	1
2	PAOZZ	81348	WC596-13-3	CONNECTOR, PLUG, ELEC.....	1
3	XBOZZ	71102	C0-03M0F(3/18)03 40	CABLE, SP, ELECTRICAL	V
3A	XBOZZ	81349	M28777/5-1	CABLE ASSY, SP, ELEC.....	V

END OF FIGURE



CEIKK012

Figure 8. Cable Assembly, Special Purpose, Electrical, Battery Charger (W-2)

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
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GROUP 0402 CABLE ASSEMBLY, SPECIAL
PURPOSE, ELECTRICAL,
BATTERY CHARGER (W-2)

FIG. 8 CABLE GROUP 04

1	PAOZZ	96906	MS3476W14-5P	CONNECTOR,PLUG,ELEC.....	1
2	XBOZZ	81349	MIL-I-23053/6-30 6-0	INSULATION SLEEVING	V
3	XBOZZ	80063	SM-B-583235-010	WIRE,ELECTRICAL	V
4	XBOZZ	80063	SM-B-583349-066	WIRE,ELECTRICAL	V
5	PAOZZ	18310	10-455-4-01	CONTACT,ELECTRICAL	2
6	XBOZZ	57945	C5067138-01	SLEEVE,MARKER,CABLE.....	1
7	XBOZZ	81349	MIL-P-15024/8	BAND,IDENTIFICATION.....	V
8	XAOZZ	81349	C0-02MDF/2/14/04 00	CABLE,SP,ELEC.....	V
9	PAOZZ	80063	SCL-6028/5	LOCKING DEVICE KIT.....	2
10	XAOZZ	80063	SCL-6028/4	CONN,RCPT,ELEC.....	1
11	PAOZZ	80063	SCL-6028/8	DUST CAP,ELECTRICAL.....	1

END OF FIGURE

SECTION II

TM11-6130-356-34P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
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GROUP 99 BULK MATERIALS

1	XB000	71102	C0-03M0F(3/18)03 40	CABLE,SP ELECTRICA	V
2	XBFZZ	81249	MILS22473 GRADECV	SEALING COMPOUND	V
3	XBFZZ	03854	LACQUER STIK WHT	LACQUER,STIK.....	V
4	XBFZZ	81349	MIL-A-46146 TYPE II,GRADE B1	ADHESIVE,SILICONE	V
5	XBFZZ	81349	MIL-I-23053/5 CL 1,1.00 ID BLACK	INSUL SLV,ELEC	V
6	XBFZZ	81349	MIL-I-23053/5 CL 1,0.75 ID BLACK	INSUL SLV,ELEC.	V
7	XBFZZ	81349	MIL-I-23053/5 CL 1,.250 ID BLACK	INSUL SLV,ELEC.	V
8	XBFZZ	81349	MIL-I-23053/6 CL 1,.250 ID BLACK	INSUL SLV,ELEC.	V
9	XBFZZ	81349	MIL-I-631 TYPE F	INSUL SLV,ELEC.	V
10	XBFZZ	81349	MIL-R-3065 GRADE SC515A,C2F7Z	RUBBER,NEOPRENE.....	V
11	XBFZZ	81349	MIL-T-43435A TYPE1,SIZE2,FINISHB	TAPE,LACING & TYING.....	V
12	XBFZZ	81349	MIL-W-16878/2 C-14 WHT-BLK	WIRE,ELECTRICAL	V
13	XBFZZ	81349	MIL-W-16878/2 C-14 WHT-RED-BRN	WIRE,ELECTRICAL	V
14	XBFZZ	81349	MIL-W-16878/2 C-14 WHT-RED-GRN	WIRE,ELECTRICAL	V
15	XBFZZ	81349	MIL-W-16878/2 C-14 WHT-RED-ORN	WIRE,ELECTRICAL	V
16	XBFZZ	81349	MIL-W-16878/2 C-14 WHT-RED-YEL	WIRE,ELECTRICAL	V
17	XBFZZ	81349	MIL-W-16878/2 C-16 BLK	WIRE,ELECTRICAL	V
18	XBFZZ	81349	MIL-W-16878/2 C-16 BRN	WIRE,ELECTRICAL	V
19	XBFZZ	81349	MIL-W-16878/2 C-16 GY	WIRE,ELECTRICAL	V
20	XBFZZ	31349	MIL-W-16878/2 C-16 WHT-BLK	WIRE,ELECTRICAL	V
21	XBFZZ	81349	MIL-W-16878/2 C-16 WHT-BLK-RED	WIRE,ELECTRICAL	V
22	XBFZZ	81349	MIL-W-16878/2 C-16 WHT-BLK-GY	WIRE,ELECTRICAL	V
23	XBFZZ	81349	MIL-W-16878/2 C-16 WHT-BRN	WIRE,ELECTRICAL	V
24	XBFZZ	81349	MIL-W-16878/2 C-16 WHT-GRN-BLU	WIRE,ELECTRICAL	V
25	XBFZZ	B1349	MIL-W-16878/2 C-16 WHT-ORN-GY	WIRE,ELECTRICAL	V
26	XBFZZ	81349	MIL-W-16878/2 C-16 WHT-RED	WIRE,ELECTRICAL	V
27	XBFZZ	81349	MIL-W-16878/2 C-16 WHT-RED-BLU	WIRE,ELECTRICAL	V

BULK-1

SECTION II

TM11-6130-356-34P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
28	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-16 WHT-YEL-BLU		
29	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-18 BLK		
30	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-18 BRN		
31	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-18 GRN		
32	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-18 RED		
33	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-18 WHT-BLU		
34	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-18 WHT-GRN		
35	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-18 WHT-RED		
36	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-18 WHT-RED-BRN		
37	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-18 WHT-RED-VIO		
38	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-18 WHT-VIO		
39	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-18 WHT-YEL		
40	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 BRN		
41	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 ORN		
42	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 RED		
43	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT		
44	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BLK		
45	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BLK-BRN		
46	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BLK-GY		
47	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BLK-ORN		
48	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BLK-VIO		
49	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BLK-YEL		
50	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BLU-BRN		
51	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BLU-GY		
52	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BLU-VIO		
53	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BRN		

BULK-2

SECTION II

TM11-6130-356-34P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
54	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BRN-BLU		
55	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BRN-GRN		
56	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BRN-ORN		
57	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BRN-VIO		
58	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-BRN-YEL		
59	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-GRN-BLU		
60	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-GRN-GY		
61	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-GRN-VIO		
62	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-GRN		
63	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-GY		
64	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-ORN		
65	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-ORN-GRN		
66	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-ORN-VIO		
67	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-ORN-YEL		
68	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-RED		
69	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-RED-BLK		
70	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-RED-BLU		
71	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-RED-GRN		
72	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-RED-GY		
73	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-RED-ORN		
74	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-RED-VIO		
75	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-RED-YEL		
76	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-YEL		
77	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-YEL-BLU		
78	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-YEL-GY		
79	XBFZZ	81349	MIL-W-16878/2	WIRE,ELECTRICAL	V
			C-20 WHT-YEL-VIO		

BULK-3

SECTION II

TM11-6130-356-34P

(1) ITEM NO	(2) SMR CODE	(3) FSCM	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
80	XBFZZ	81349	MIL-W-16878/2 C-20 WHT-VIO-GY	WIRE,ELECTRICAL	V
81	XBFZZ	81349	QQ-B-575 1/16	BRAID,WIRE	V
82	XBFZZ	71984	RTV-732	ADHESIVE	V
83	XBFZZ	80063	SM-B-583349-066	WIRE,ELECTRICAL	V
84	XBFZZ	80063	SM-B-583349-066	WIRE,ELECTRICAL	V
85	XBFZZ	80063	SM-B-583349-068	WIRE,ELECTRICAL	V
86	XBFZZ	80063	SM-B-583349-070	WIRE,ELECTRICAL	V
87	XBFZZ	80063	SM-B-583349-072	WIRE,ELECTRICAL	V
88	XBFZZ	81349	SN60WRMAP2	SOLDER,TIN ALLOY	V
89	XBFZZ	81349	SN60WRMAP3	SOLDER,TIN ALLOY	V
90	XBFZZ	81349	SN60WRMAP5	SOLDER,TIN ALLOY	V
91	XBFZZ	90484	TT-A-14 NATURAL	INSUL SLV,ELEC	V
92	XBFZZ	90484	TT-A-16 NATURAL	INSUL SLV,ELEC	V
93	XBFZZ	90484	TT-A-18 NATURAL	INSUL SLV,ELEC	V
94	XBFZZ	90484	TT-A-20 NATURAL	INSUL SLV,ELEC	V
95	XBFZZ	90484	TT-A-22 NATURAL	INSUL SLV,ELEC	V
96	XBFZZ	90484	TT-A-8 NATURAL	INSUL SLV,ELEC	V
97	XBFZZ	72818	VR-52047	INSUL VARNISH,ELEC	V
98	XBFZZ	80063	SM-B-595362	ADHESIVE	V
99	XBFZZ	71984	DC340-50Z	SILICONE COMPOUND	V
100	XBFZZ	81349	QQ-A-250/1,N00- N14,0.020THK	ALUMINUM ALLOY SH	V
101	XBFZZ	81349	QQ-A-250/8,5052- H32,0.12THK	ALUMINUM ALLOY BAR	V
102	XBFZZ	81349	MILW530E TYPE2A,CLASS4	WEBBING,TEXTILE	V
103	XBFZZ	10001	679688	RUBBER SH,CELLULAR	V
104	XBFZZ	81349	MIL-I-23053/5 CL 1,0.375 ID YEL	INSUL SLV,ELEC	V
105	XBOZZ	81349	C0-03M0F(3/18)03 40	CABLE,POWER,ELECTRI	V

END OF FIGURE

BULK-4

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5910-00-007-2003	5	7	5320-00-117-6950	1	91
5910-00-007-3974	5	7A		1	95
5355-00-020-3511	1	18		2	4
5961-00-022-5670	4	19	5905-00-118-4559	5	27
5910-00-024-7546	4	6	5905-00-119-8768	5	59
5950-00-031-3779	5	15	5905-00-120-9154	5	28
5310-00-050-9105	3	29	5915-00-125-1364	1	38
5340-00-051-5473	4	11	5905-00-131-9729	5	39
5305-00-054-5637	4	7	5905-00-136-3891	5	32
5305-00-054-5649	1	28	5905-00-141-0591	5	55
	3	14	5940-00-143-4780	1	75
5305-00-054-6652	1	2	5910-00-144-4383	5	2
	1	40		5	3
	3	16	6240-00-155-7836	1	15
5961-00-059-3051	5	70	5905-00-175-8667	3	8
5305-00-059-3657	1	69	6210-00-176-4928	1	14
5961-00-068-1985	5	19	5910-00-185-9045	5	6
5961-00-081-4816	1	26	5310-00-192-0397	2	3
5961-00-081-6103	5	72	5961-00-192-6107	5	68
5905-00-081-7348	3	4	5310-00-208-3786	6	7
5940-00-082-4814	1	34	5905-00-211-1318	6	4
	6	6	5310-00-211-9164	2	2
5940-00-082-4896	5	75	5310-00-236-6595	2	9
5961-00-087-6047	1	98	5905-00-242-2415	6	10
	5	9	5305-00-253-5604	1	21
5905-00-099-9596	5	48	5940-00-283-5280	1	74
5905-00-101-1630	5	54	2920-00-299-0094	3	30
5905-00-104-8330	4	16	5905-00-306-2402	6	8
5905-00-104-8336	4	13	5905-00-369-6932	5	56
5905-00-104-8343	1	51	5905-00-400-4528	5	42
5905-00-104-8370	5	61	5935-00-400-9028	1	54
5961-00-104-8378	5	23		3	11
5961-00-104-8426	5	16	5905-00-466-1416	1	24
5905-00-106-1278	5	31	5961-00-479-6862	5	71
5905-00-106-1356	5	34	5905-00-485-4554	5	33
5905-00-106-9351	4	17	5905-00-486-6763	1	17
5905-00-106-9356	5	58	5945-00-494-4806	1	81
5905-00-110-0388	5	57	5905-00-513-2874	5	30
5905-00-110-0992	5	35	5930-00-539-7013	1	11
5905-00-110-7620	5	40	5961-00-565-5092	4	4
5905-00-111-1682	5	60	5310-00-595-6761	4	8
5905-00-111-4738	5	38	5930-00-615-7880	1	12
5905-00-111-4845	5	44	5310-00-616-3555	1	59
5905-00-111-8372	5	36		3	2
5910-00-113-5499	5	1	5310-00-622-9531	1	3
5905-00-114-0708	5	63		3	17
5905-00-114-0711	5	29	5310-00-631-1294	1	63
5905-00-115-3560	5	45	5340-00-631-7894	3	36
5905-00-116-8554	5	41	5930-00-655-1581	1	16
5320-00-117-6950	1	47	5310-00-680-6336	1	9

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5310-00-680-6336	3	5	5340-00-949-3754	1	82
5305-00-727-8831	1	56		3	19
	3	13	5340-00-964-2555	3	27
5905-00-763-8970	4	22	5310-00-973-8660	1	60
5310-00-782-1349	1	30		3	25
	5	13	5905-00-982-3324	5	50
5910-00-804-7566	1	84	5905-00-982-3329	5	49
5310-00-810-7785	3	7	5961-00-985-4900	3	28
5940-00-813-0698	1	73		4	15
5961-00-814-8753	1	67	5961-00-985-8929	5	18
5905-00-814-9680	1	65	5305-00-990-6381	1	58
5310-00-817-9056	6	1		3	1
5961-00-843-9086	4	21	5999-00-992-5541	1	36
5961-00-847-5508	5	69	5305-00-995-6843	3	33
5961-00-852-0719	4	18	5935-01-005-3579	7	2
5961-00-853-2601	5	20	5915-01-023-0300	1	85
5999-00-871-9538	5	65	5310-01-037-1232	2	1
5961-00-878-4287	5	72A	5999-01-043-6494	5	21
5961-00-879-3091	5	67	5910-01-056-5015	5	4
5905-00-879-6335	4	3	5340-01-069-0711	1	42
5310-00-880-5978	3	23	5905-01-081-3616	5	51
5310-00-896-1599	1	48	6625-01-101-9293	1	10
	2	15	6130-01-101-9305	1	32
5935-00-901-8871	7	1	6130-01-101-9306	3	15
5961-00-914-9740	5	8	5935-01-108-4486	1	5A
5961-00-925-3777	4	14		8	1
	5	22	5935-01-149-3012	1	5B
5910-00-926-2332	1	78	5905-01-149-5107	4	12
5310-00-928-2690	4	9		5	37
	6	2	5945-01-170-6307	5	10
5961-00-929-1600	4	1	5905-01-172-2438	5	43
5310-00-929-6395	1	41	5935-01-176-8988	1	39
	3	18	5905-01-177-9465	4	5
5310-00-933-8118	1	29	5905-01-184-5258	5	52
	3	6	5905-01-187-7790	5	46
	5	12	5307-01-188-0391	2	12
5310-00-933-8119	3	22	5307-01-199-5373	2	13
5310-00-933-8120	1	70		3	38
5310-00-934-9748	1	57		3	39
	3	9	5307-01-203-2197	2	14
	5	11		3	40
5310-00-934-9759	3	21	5910-01-219-4856	4	18A
5310-00-934-9761	1	61	5995-01-237-1352	1	5
	3	26			
5961-00-935-4912	1	68			
5961-00-938-1135	5	9A			
5945-00-938-1296	5	14			
5310-00-938-2013	4	10			
5961-00-949-1432	5	24			
5961-00-949-1440	5	17			

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

		PART NUMBER INDEX		
FSCM	PART NUMBER	STOCK NUMBER	FIG.	ITEM
81541	AP1-1-5-2-1122		1	89
81541	AP12-1-4-2-752		1	87
09026	BR7X-15KD5-115V		3	20
09026	BR7X-300D2-26V	2920-00-299-0094	3	30
46384	BS-440-3	5310-01-037-1232	2	1
46384	BS-632-2	5310-00-896-1599	1	48
			2	15
46384	BS-632-3	5310-00-211-9164	2	2
46384	BS0S-440-20	5310-00-236-6595	2	9
46384	BS0S-440-28	5310-00-192-0397	2	3
71468	CA51509-13	5935-01-149-3012	1	5B
81349	CE71C102H	5910-00-926-2332	1	78
81349	CK70AW102M	5910-00-804-7566	1	84
81349	CMR05F910G0DR	5910-01-056-5015	5	4
81349	CQR09AIKG123K3K		3	13A
81349	CU17BR271UP1		1	35
81349	C0-02MDF/2/14/0400		8	8
71102	C0-03M0F(3/18)0340		7	3
			BULK	107
71102	C0-03M0FC3/18)0340		BULK	1
57945	C5067126-02	5995-01-237-1352	1	5
57945	C5067133-101		3	31A
57945	C5067133-102		1	38A
57945	C5067138-01		8	6
71984	DC340-50Z		BULK	101
46384	FHS-4-40-4		2	6
46384	FHS-4-40-5		2	8
46384	FHS-4-40-8		3	35
46384	FHS-6-32-6		2	11
			3	41
46384	FHS-632-8X	5307-01-199-5373	3	38
07263	HL29762		5	64
81349	JAN1N3024B	5961-00-847-5508	5	69
81349	JAN1N3037B	5961-00-852-0719	4	18
81349	JAN1N3051B	5961-00-843-9086	4	21
81349	JAN1N3890	5961-00-935-4912	1	68
81349	JAN1N4148	5961-00-938-1135	5	9A
81349	JAN1N4246	5961-00-914-9740	5	8
81349	JAN1N4942	5961-00-565-5092	4	4
81349	JAN1N4944	5961-00-929-1600	4	1
81349	JAN1N4958	5961-00-479-6862	5	71
81349	JAN1N4969	5961-00-192-6107	5	68
81349	JAN1N645	5961-00-087-6047	1	98
			5	9
81349	JAN1N647	5961-00-985-4900	3	28
			4	15
81349	JAN1N755A	5961-00-879-3091	5	67
81349	JAN1N823	5961-00-081-6103	5	72

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FSCM	PART NUMBER	PART NUMBER INDEX		ITEM
		STOCK NUMBER	FIG.	
81349	JAN1N970B	5961-00-878-4287	5	72A
81349	JAN2N1485	5961-00-081-4816	1	26
81349	JAN2N1893	5961-00-853-2601	5	20
81349	JAN2N2219A	5961-00-949-1432	5	24
81349	JAN2N2324	5961-00-985-8929	5	18
81349	JAN2N2905A	5961-00-949-1440	5	17
81349	JAN2N2907A	5961-00-925-3777	4	14
			5	22
81349	JAN2N2920	5961-00-104-8378	5	23
81349	JAN2N3439L	5961-00-022-5670	4	19
81349	JAN2N3823	5961-00-104-8426	5	16
03854	LACQUER STIK WHT		BULK	3
81349	LC35/N2		1	13
81349	LH89/1	6210-00-176-4928	1	14
04713	MH745-7-16	5961-00-814-8753	1	67
81349	MIL-A-46146 TYPE II, GRADE B1		BULK	4
81349	MIL-I-23053/5 CL 1,.250 ID BLACK		BULK	7
81349	MIL-I-23053/5 CL 1,0.375 ID YEL		BULK	106
81349	MIL-I-23053/5 CL 1,0.75 ID BLACK		BULK	6
81349	MIL-I-23053/5 CL 1,1.00 ID BLACK		BULK	5
81349	MIL-I-23053/6 CL 1,.250 ID BLACK		BULK	8
81349	MIL-I-23053/6-30 6-0		8	2
81349	MIL-I-631 TYPE F		BULK	9
81349	MIL-P-15024/8		8	7
81349	MIL-R-3065 GRADE SC515A,C2F7Z		BULK	10
81349	MIL-T-43435A TYPE I SIZE2FINISHB		BULK	11
81349	MIL-W-16878/2 C 20 WHT-BRN-GRN		BULK	56
81349	MIL-W-16878/2 C-14 WHT-BLK		BULK	12
81349	MIL-W-16878/2 C-14 WHT-RED-BRN		BULK	13
81349	MIL-W-16878/2 C-14 WHT-RED-GRN		BULK	14
81349	MIL-W-16878/2 C-14 WHT-RED-ORN		BULK	15
81349	MIL-W-16878/2 C-14 WHT-RED-YEL		BULK	16
81349	MIL-W-16878/2 C-16 BLK		BULK	17
81349	MIL-W-16878/2 C-16 BRN		BULK	18

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FSCM	PART NUMBER	PART NUMBER INDEX	
		STOCK NUMBER	ITEM
81349	MIL-W-16878/2 C-16 GY	BULK	19
81349	MIL-W-16878/2 C-16 WHT-BLK	BULK	20
81349	MIL-W-16878/2 C-16 WHT-BLK-GY	BULK	22
81349	MIL-W-16878/2 C-16 WHT-BLK-RED	BULK	21
81349	MIL-W-16878/2 C-16 WHT-BRN	BULK	23
81349	MIL-W-16878/2 C-16 WHT-GRN-BLU	BULK	24
81349	MIL-W-16878/2 C-16 WHT-ORN-GY	BULK	25
81349	MIL-W-16878/2 C-16 WHT-RED	BULK	26
81349	MIL-W-16878/2 C-16 WHT-RED-BLU	BULK	27
81349	MIL-W-16878/2 C-16 WHT-YEL-BLU	BULK	28
81349	MIL-W-16878/2 C-18 BLK	BULK	29
81349	MIL-W-16878/2 C-18 BRN	BULK	30
81349	MIL-W-16878/2 C-18 GRN	BULK	31
81349	MIL-W-16878/2 C-18 RED	BULK	32
81349	MIL-W-16878/2 C-18 WHT-BLU	BULK	33
81349	MIL-W-16878/2 C-18 WHT-GRN	BULK	34
81349	MIL-W-16878/2 C-18 WHT-RED	BULK	35
81349	MIL-W-16878/2 C-18 WHT-RED-BRN	BULK	36
81349	MIL-W-16878/2 C-18 WHT-RED-VIO	BULK	37
81349	MIL-W-16878/2 C-18 WHT-VIO	BULK	38
81349	MIL-W-16878/2 C-18 WHT-YEL	BULK	39
81349	MIL-W-16878/2 C-20 BRN	BULK	40
81349	MIL-W-16878/2 C-20 ORN	BULK	41
81349	MIL-W-16878/2 C-20 RED	BULK	42
81349	MIL-W-16878/2 C-20 WHT	BULK	43
81349	MIL-W-16878/2 C-20 WHT-BLK	BULK	44

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FSCM	PART NUMBER	PART NUMBER INDEX	
		STOCK NUMBER	ITEM
81349	MIL-W-16878/2 C-20 WHT-BLK-BRN	BULK	45
81349	MIL-W-16878/2 C-20 WHT-BLK-GY	BULK	46
81349	MIL-W-16878/2 C-20 WHT-BLK-ORN	BULK	47
81349	MIL-W-16878/2 C-20 WHT-BLK-RED	BULK	48
81349	MIL-W-16878/2 C-20 WHT-BLK-VIO	BULK	49
81349	MIL-W-16878/2 C-20 WHT-BLK-YEL	BULK	50
81349	MIL-W-16878/2 C-20 WHT-BLU-BRN	BULK	51
81349	MIL-W-16878/2 C-20 WHT-BLU-GY	BULK	52
81349	MIL-W-16878/2 C-20 WHT-BLU-VIO	BULK	53
81349	MIL-W-16878/2 C-20 WHT-BRN	BULK	54
81349	MIL-W-16878/2 C-20 WHT-BRN-GY	BULK	57
81349	MIL-W-16878/2 C-20 WHT-BRN-ORN	BULK	58
81349	MIL-W-16878/2 C-20 WHT-BRN-VIO	BULK	59
81349	MIL-W-16878/2 C-20 WHT-BRN-YEL	BULK	60
81349	MIL-W-16878/2 C-20 WHT-GRN	BULK	64
81349	MIL-W-16878/2 C-20 WHT-GRN-GY	BULK	62
81349	MIL-W-16878/2 C-20 WHT-GY	BULK	65
81349	MIL-W-16878/2 C-20 WHT-ORN	BULK	66
81349	MIL-W-16878/2 C-20 WHT-ORN-GRN	BULK	67
81349	MIL-W-16878/2 C-20 WHT-ORN-VIO	BULK	68
81349	MIL-W-16878/2 C-20 WHT-ORN-YEL	BULK	69
81349	MIL-W-16878/2 C-20 WHT-RED	BULK	70
81349	MIL-W-16878/2 C-20 WHT-RED-BLK	BULK	71
81349	MIL-W-16878/2 C-20 WHT-RED-BLU	BULK	72
81349	MIL-W-16878/2 C-20 WHT-RED-GRN	BULK	73
81349	MIL-W-16878/2 C-20 WHT-RED-ORN	BULK	75

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FSCM	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
			STOCK NUMBER		
81349	MIL-W-16878/2 C-20 WHT-RED-VIO			BULK	76
81349	MIL-W-16878/2 C-0 WHT-VIO-GY			BULK	82
81349	MIL-W-16878/2 C-20 UHT-YEL-BLU			BULK	79
81349	MIL-W-16878/2 C-20 WHT-YEL-GY			BULK	80
81349	MIL-W-16878/2 C-20 WHT-YEL-VIO			BULK	81
81349	MIL-W-16878/2 C-20WHT-BRN-BLU			BULK	55
81349	MIL-W-16878/2 C-20WHT-GRN-BLU			BULK	61
81349	MIL-W-16878/2 C-20WHT-GRN-VIO			BULK	63
81349	MIL-W-16878/2 C-20WHT-RED-GY			BULK	74
81349	MIL-W-16878/2 C-20WHT-RED-YEL			BULK	77
81349	MIL-W-16878/2 C-20WHT-YEL			BULK	78
81249	MILS22473GRADECV			BULK	2
81349	MILW530ETYPE2A, CLASS4			BULK	104
96906	MS0035431-8			1	66
96906	MS15795-802	5310-00-595-6761		4	8
96906	M515795-804	5310-00-782-1349		1	30
				5	13
96906	MS15795-807	5310-00-880-5978		3	23
96906	MS16995-19	5305-00-990-6381		1	58
				3	1
96906	MS20426AD4-5	5320-00-117-6950		1	47
				1	91
				1	95
				2	4
96906	MS21209-C0415	5340-00-631-7894		3	36
96906	MS21318-2	5305-00-253-5604		1	21
96906	MS25036-101	5940-00-813-0698		1	73
96906	MS25036-106	5940-00-283-5280		1	74
96906	MS25036-108	5940-00-143-4780		1	75
96906	MS25068-23	5930-00-655-1581		1	16
96906	MS25237-327	6240-00-155-7836		1	15
96906	MS3116F12-3S	5935-00-901-8871		7	1
96906	MS3116J14-5P	5935-01-108-4486		1	5A
96906	MS3474W12-3P	5935-01-176-8988		1	39
96906	MS3476W14-5P	5935-01-108-4486		8	1
96906	MS35059-26	5930-00-615-7880		1	12
96906	MS35333-71	5310-00-616-3555		1	5
				3	2
96906	MS35338-134	5310-00-928-2690		4	9

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FSCM	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
			STOCK NUMBER		
96906	MS35338-134		5310-00-928-2690	6	2
96906	MS35338-135		5310-00-933-8118	1	29
				3	6
				5	12
96906	MS35338-136		5310-00-929-6395	1	41
				3	18
96906	MS35338-137		5310-00-933-8119	3	22
96906	MS35338-138		5310-00-933-8120	1	70
96906	MS35649-224		5310-00-938-2013	4	10
96906	MS35649-244		5310-00-934-9748	1	57
				3	9
				5	11
96906	MS35649-264		5310-00-934-9761	1	61
				3	26
96906	MS35649-284		5310-00-934-9759	3	21
81349	MS39014/01-1593			4	14A
96906	MS51957-15		5305-00-054-5649	1	28
				3	14
96906	MS51957-28		5305-00-054-6652	1	2
				1	40
				3	16
96906	MS51957-3		5305-00-054-5637	4	7
96906	MS51958-61		5305-00-059-3657	1	69
96906	MS51959-19		5305-00-727-8831	1	56
				3	13
96906	MS75085-19		5950-00-031-3779	5	15
96906	MS75085-7			1	83
96906	MS91528-1P4B		5355-00-020-3511	1	18
81349	M24066/2-110		5340-00-051-5473	4	11
81349	M28777/5-1			7	3A
81349	M38527/8-01P			1	55
				3	3
81349	M39003/01-2991		5910-00-007-3974	5	7A
81349	M39003/01-3000		5910-00-185-9045	5	6
81349	M39003/01-3009		5910-00-007-2003	5	7
81349	M39003/01-3026		5910-00-144-4383	5	2
81349	M39003/01-3027		5910-00-144-4383	5	3
81349	M39003/01-3064			5	5
81349	M39014/02-1310		5910-01-219-4856	4	18A
81349	M39014/02-1350		5910-00-113-5499	5	1
81349	M39015/1-003PP		5905-00-101-1630	5	54
81349	M39015/1-005PP		5905-00-099-9596	5	48
81349	M39016/109P		5945-01-170-6307	5	10
81349	M39018/03-124			1	52
81349	M39022/01-1673		5910-00-024-7546	4	6
81349	M5423/02-01		5930-00-539-7013	1	11
81349	M5515/30-6			4	2
81349	M5757/13-040		5945-00-938-1296	5	14
81349	M5757/28-001		5945-00-494-4806	1	81
81349	M63540/1-14C		5307-01-199-5373	2	13
				3	39

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FSCM	PART NUMBER	PART NUMBER INDEX		ITEM
		STOCK NUMBER	FIG.	
81349	M63540/1-16C	5307-01-203-2197	2	14
			3	40
81349	M63540/1-8C	5307-01-188-0391	2	12
80205	NAS1397P6N	5340-00-964-2555	3	27
80205	NA5620-6	5310-00-622-9531	1	3
			3	17
07886	NCS-4S-3-32		3	37
94990	NJ10000		1	53
81349	QQ-A-250/1,N00-N 14,0.020THK		BULK	102
81349	QQ-A-250/8,5052- H32,0.12THK		BULK	103
81349	QQ-B-575 1/16		BULK	83
81349	RA20TASB252A		1	19
81349	RCR05G201JS	5905-00-466-1416	1	24
81349	RCR07G102JS	5905-00-110-7620	5	40
81349	RCR07G104JS	5905-00-110-0388	5	57
81349	RCR07GI05JS	5905-00-116-8554	5	41
81349	RCR07G113JS	5905-00-369-6932	5	56
81349	RCR07G123JS	5905-00-106-1278	5	31
81349	RCR07G124JS	5905-00-400-4528	5	42
81349	RCR07G152JS	5905-00-106-1356	5	34
81349	RCR07G163JS	5905-00-111-1682	5	60
81349	RCR07G183JS	5905-00-115-3560	5	45
81349	RCR07G201JS	5905-00-111-4845	5	44
81349	RCR07G202JS	5905-00-114-0708	5	63
81349	RCR07G203JS	5905-00-106-9356	5	58
81349	RCR07G302JS	5905-00-131-9729	5	39
81349	RCR07G333JS	5905-00-118-4559	5	27
81349	RCR07G361JS	5905-00-104-8370	5	61
81349	RCR07G471JS	5905-00-120-9154	5	28
81349	RCR07G472JS	5905-00-114-0711	5	29
81349	RCR07G621JS	5905-00-136-3891	5	32
81349	RCR07G7513JS		5	26
81349	RCR07G821JS	5905-00-119-8768	5	59
81349	RCR07G911JS	5905-00-485-4554	5	33
81349	RCR076362JS		5	25
81349	RCR20G103JS	5905-00-141-0591	5	55
81349	RCR20G104JS	5905-00-104-8336	4	13
81349	RCR20G152JS	5905-00-111-4738	5	38
81349	RCR20G273JS	5905-00-106-9351	4	17
81349	RCR20G333JS	5905-00-104-8330	4	16
81349	RCR20G514JS		1	86A
81349	RCR32GI00JS	5905-00-104-8343	1	51
81349	RCR32G222JS	5905-00-111-8372	5	36
81349	RCR32G511JS	5905-00-110-0992	5	35
81349	RCR42G302JS	5905-00-763-8970	4	22
81349	RER65FR200R	5905-00-242-2415	6	10
81349	RER65F1R00R	5905-00-211-1318	6	4
81349	RER70FR200R	5905-00-306-2402	6	8
81349	RER70F2R00R	5905-00-175-8667	3	8

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FSCM	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
		STOCK NUMBER			
81349	RE65GR050			6	9
81349	RE65GR450			6	3
81349	RE65G2R20			6	5
19130	RNC-112	5915-00-125-1364		1	38
71984	RTV-732			BULK	84
81349	RV6TAYSA102A	5905-00-486-6763		1	17
81349	RWR80S1001FS	5905-00-513-2874		5	30
81349	RWR80S2R00FS	5905-01-172-2438		5	43
81349	RWR80S2210FR			5	62
81349	RWR80S2211FS	5905-01-184-5258		5	52
81349	RWR89S3011FS	5905-01-177-9465		4	5
81349	RWR89S3321FS	5905-01-081-3616		5	51
81349	RWR89S6190FS	5905-01-187-7790		5	46
81349	RW67V1R0	5905-00-081-7348		3	4
81349	RW67V100	5905-00-814-9680		1	65
81349	RW69V221	5905-00-982-3329		5	49
81349	RW69V561	5905-00-982-3324		5	50
81349	RW79U5601F			5	53
81349	RW79U8601F			5	47
82942	R431N			1	6
97539	S/8-32 X 1/4 IN			1	25
98003	SC-B-83314-2-SS1 30	5340-01-069-0711		1	42
80063	SCL-6028/1			1	8
80063	SCL-6028/4			8	10
80063	SCL-6028/5			8	9
80063	SCL-6028/8			8	11
81349	SE14XC01	5940-00-082-4896		5	75
81349	SE206D02	5940-00-082-4814		1	34
				6	6
80063	SM-A-595326			1	72
80063	SM-B-416109-1	5310-00-973-8660		1	60
				3	25
80063	SM-B-500790			1	31
80063	SM-B-583235-010			8	3
80063	SM-B-583349-066			8	4
				BULK	85
				BULK	86
80063	SM-B-583349-068			BULK	87
80063	SM-B-583349-070			BULK	88
80063	SM-B-583349-072			BULK	89
80063	SM-B-595287			1	4
80063	SM-B-595305			1	96
80063	SM-B-595362			BULK	100
80063	SM-C-595301			1	88
80063	SM-C-595302			1	43
80063	SM-C-595303			1	79
80063	SM-C-595304			1	94
80063	SM-C-595306			1	76
80063	SM-C-595307			1	93
80063	SM-C-595309			6	11

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FSCM	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
			STOCK NUMBER		
80063	SM-C-595312			1	99
80063	SM-C-595314			1	1
80063	SM-C-595315			1	33
80063	SM-C-595318			1	20
80063	SM-D-595291			1	22
80063	SM-D-595292			2	10
80063	SM-D-595293			3	32
80063	SM-D-595294			3	42
80063	SM-D-595295			1	44
80063	SM-D-595295-1			1	50
80063	SM-D-595295-2			1	45
80063	SM-D-595295-3			1	49
80063	SM-D-595296	6130-01-101-9306		3	15
80063	SM-D-595297			4	23
80063	SM-D-595298			1	37
80063	SM-D-59599	6130-01-101-9305		1	32
80063	SM-D-595300			5	76
80063	SM-D-595308			1	62
80063	SM-D-595311			1	90
80063	SM-D-595316			1	7
81349	SN60WRMAP2			BULK	90
81349	SN60WRMAP3			BULK	91
81349	SN60WRMAP5			BULK	92
90484	TT-A-14 NATURAL			BULK	93
90484	TT-A-16 NATURAL			BULK	94
90484	TT-A-18 NATURAL			BULK	95
90484	TT-A-20 NATURAL			BULK	96
90484	TT-A-22 NATURAL			BULK	97
90484	TT-A-8 NATURAL			BULK	98
17658	VN67AB			5	18A
72818	VR-52047			BULK	99
12436	V00580-002			5	66
08715	W-7926			1	64
08715	W-8020			1	77
08715	W-8100			1	86
08715	W-8147			3	31
08715	W-8148			3	24
56118	WA904-10	5310-00-631-1294		1	63
81348	WC596-13-3	5935-01-005-3579		7	2
12881	07-0101-0004	5999-00-992-5541		1	36
06424	0770-9			1	71
24444	1N4060A	5961-0U-059-3051		5	70
18310	10-455-4-01			8	5
99378	100-200-13-19			1	46
				1	92
				2	5
99378	100-200-18-8			1	97
				2	7
16845	1000-483-23	5905-01-149-5107		4	12
				5	37
13103	1109A			1	27

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FSCM	PART NUMBER	PART NUMBER INDEX		FIG.	ITEM
			STOCK NUMBER		
78022	12-910-00-103		5310-00-680-6336	1	9
				3	5
71279	160-2381-01			1	34A
97852	2SST		5310-00-817-9056	6	1
83330	2322		5310-00-050-9105	3	29
83330	2324		5340-00-949-3754	1	82
				3	19
56289	243E2035			3	10A
			5905-00-879-6335	4	3
59433	321261		5961-00-068-1985	5	19
81073	44MS45-4-1-5N			1	23
96238	54000027-000		5999-00-871-9538	5	65
94833	54642			3	34
16688	597429		6625-01-101-9293	1	10
08742	61-639-000		5999-01-043-6494	5	21
12969	679-5			1	80
10001	679688			BULK	105
32559	701-130			5	73
82577	717899-038		5310-00-208-3786	6	7
13103	7717-86-DAP			4	20
				5	74
91506	8080-101		5935-00-400-9028	1	54
				3	11
12436	810002-819			3	12
10001	869790PC2		5310-00-810-7785	3	7
72982	9004-103-1005		5915-01-023-0300	1	85
87557	9333C0802-29		5305-00-995-6843	3	33

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR.
General, United States Army
Chief of Staff

Official:

R.L. DILWORTH
Brigadier General, United States Army
The Adjutant General

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*U.S.GOVERNMENT PRINTING OFFICE: 1991 - 281-486/42697

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THE METRIC SYSTEM AND EQUIVALENTS

WEIGHT MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches
 1 Kilometer = 1000 Meters = 0.621 Miles

WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces
 1 Kilogram = 1000 Grams = 2.2 lb.
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$
 212° Fahrenheit is equivalent to 100° Celsius
 90° Fahrenheit is equivalent to 32.2° Celsius
 32° Fahrenheit is equivalent to 0° Celsius
 $9/5^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
its	Liters	0.473
arts	Liters	0.946
allons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
ers	Gallons	0.264
ms	Ounces	0.035
ograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pounds-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
ometers per Liter	Miles per Gallon	2.354
ometers per Hour	Miles per Hour	0.621



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