

**GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)  
FOR**

**TEST SET, TELEPHONE TS-3853/G  
(NSN 6625-01-088-6713)  
AND  
INDICATOR, DIGITAL DISPLAY ID-2233/U**

**DEPARTMENTS OF THE ARMY, THE NAVY, AND THE AIR FORCE**

**13 AUGUST 1982**

TECHNICAL MANUAL  
No. 11-5895-1081-40P  
Technical Manual  
E2137-bvBV-PLL-040/5103 TS3953  
Technical Order  
No. TO 31S5-2G-234

DEPARTMENTS OF THE ARMY,

THE NAVY, AND THE AIR FORCE

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**AND**

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Current as of 12 March 1981**

**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 back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703.

For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, T.O. 00-5-1. Forward direct to prime ALC/MST.

For Navy, mail comments to the Commander, Naval Electronics Systems Command, ATTN: ELEX 45053 (O.H.), Washington, DC 20360.

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

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**SECTION I  
INTRODUCTION**

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**1. Scope**

This manual lists spares and repair parts; special tools, special test, measurement, and diagnostic equipment required for performance of general support maintenance of the TS-3853/G. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

**2. Genera**

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

*a. Section II. Repair Parts List.* A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes arts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the arts in each group listed in figure and item number sequence.

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

*c. Section IV. National Stock Number and Part Number Index.* A list, in National item identification number (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:

<i>Code</i>	<i>Definition</i>
PA	-Item procured and stocked for anticipated or known usage.

<i>Code</i>	<i>Definition</i>
XA	-Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB	-Item is not procured or stocked. If not available through salvage, requisition.

**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:

<i>Code</i>	<i>Application/Explanation</i>
H	-Support item is removed, replaced, used at the general support level.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

<i>Code</i>	<i>Application/Explanation</i>
H	-The lowest maintenance level capable of complete repair of the support item is the general support level.
D	-The lowest maintenance level capable of complete repair of the support item is the depot level.
Z	-Nonreparable. No repair is authorized.

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

*Recoverability codes*

*Definition*

Z -Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.

H -Reparable item. When uneconomically reparable, condemn and dispose at the general support level.

D-Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

*c. National Stock Number.* Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

*d. Federal Supply Code for Manufacturer (FSCM).* The FSCM is a 5-digit numeric code listed in SB 708-4142 which is used to identify the manufacturer, distributor, or Government agency, etc.

*e. 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.

*f. Description.* Indicates the Federal item name and, if required, a minimum description to identify the item.

*g. Unit of Measure (UIM).* Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

*h. Quantity Incorporated in Unit.* Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

**4. Special Information**

a. The following publication pertains to the TS-3853/G and its components: TM 11-5895-1081-14, Test Set, Telephone TS-3853/G (To be published)

b. National stock numbers (NSN's) that are missing from P source coded items Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MM, Fort Monmouth, NJ 07703 fr the par required to support your equipment.

**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 fr functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs. (3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

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

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

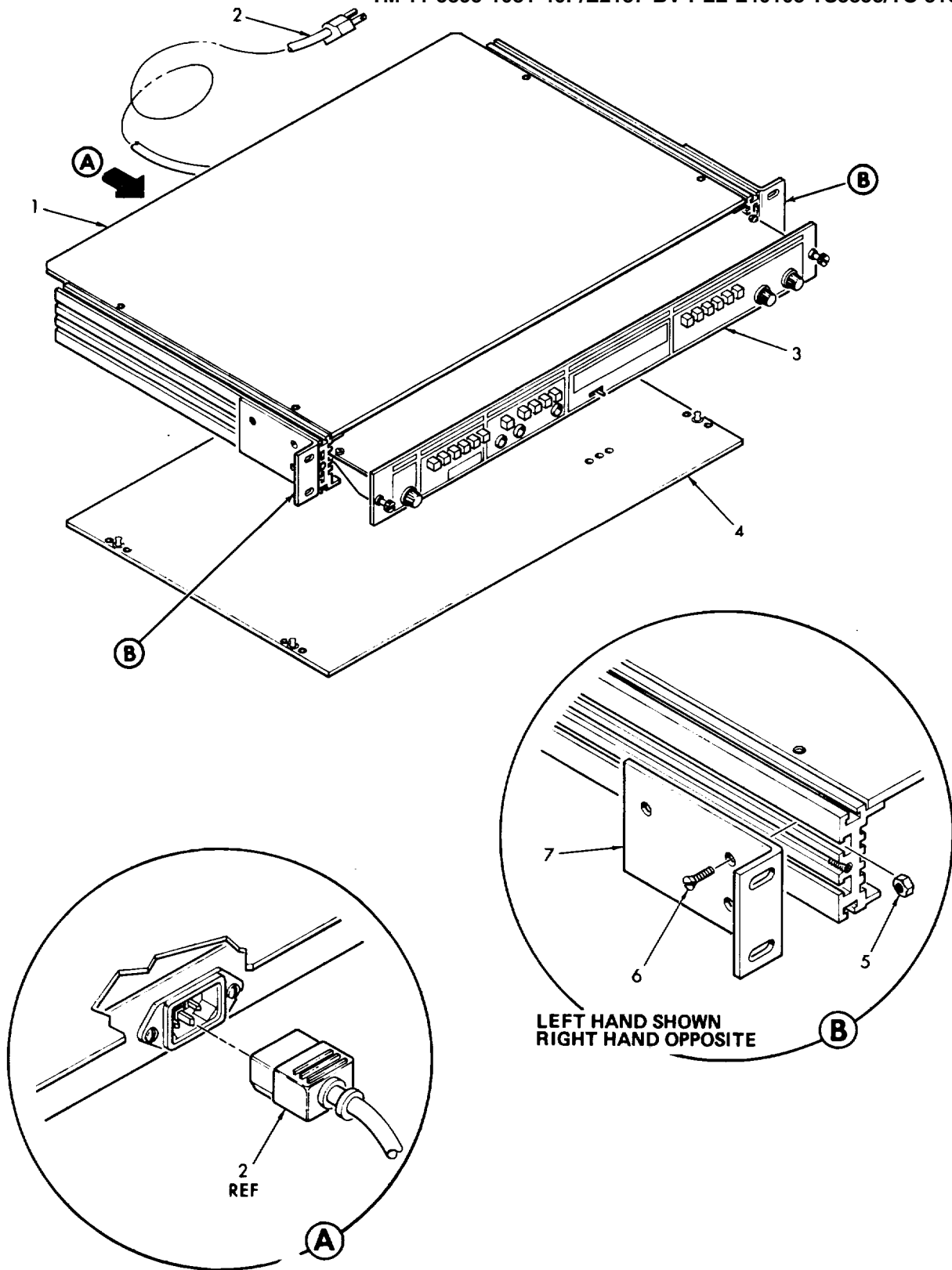
(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

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

**6. Abbreviations**

Not applicable.

(Next printed page is 4)



EL KWO01

Figure 1. Test Set, Telephone, TS-3853-G

SECTION II

TM 11-5895-1081-40P/E2137-BV-PLL-040/5103 TS3853/TO 31S5-2G-234

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 01 TEST SET TELEPHONE, TS-3853/G		
1	1	XAHHH		50137	P1122-014-02	CHASSIS ASSY .....	EA	1
1	2	PAHZZ	6150-01-004-8773	1642iB	1750	CABLE ALSSEMBLY,POWER .....	EA	1
1	3	PAHDD		50137	P1122-002-02	PANEL,,BLANKI.....	EA	1
1	4	XAHZZ		50137	P1122-035-01	COVER,BOTTOM .....	E A	1
1	5	PAHZZ	5310-00-934-9761	96906	MS35649-264	NUT,PLAIN.HEXAGON.....	EA	6
1	6	PAHZZ	5305-00-071-1319	96906	MS51960-61	SCRE,MACHINE.....	EA	6
1	7	XBHZZ		50137	10001-053-02	BRACKET.ANGLE .....	EA	2
					<b>5/(6 blank)</b>			

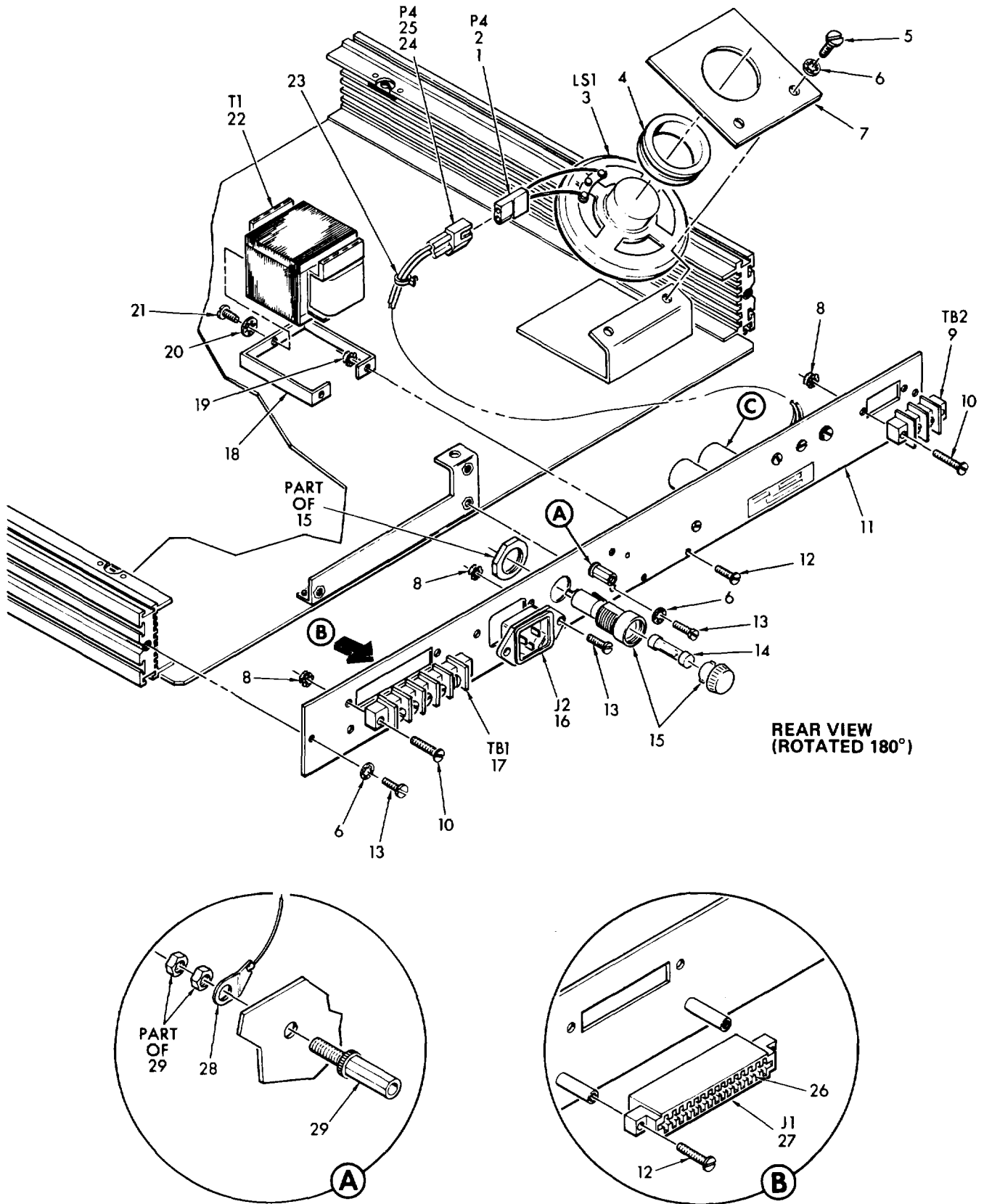
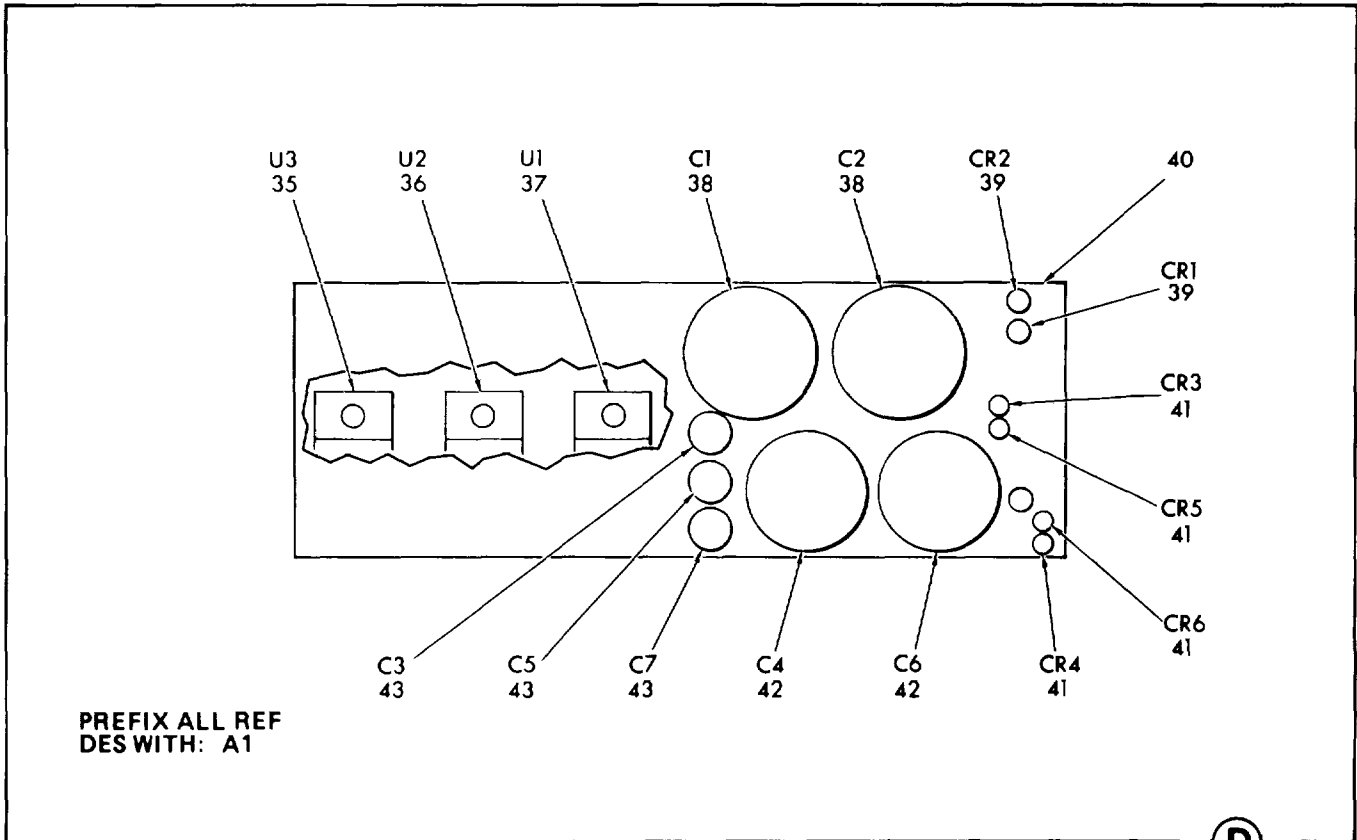
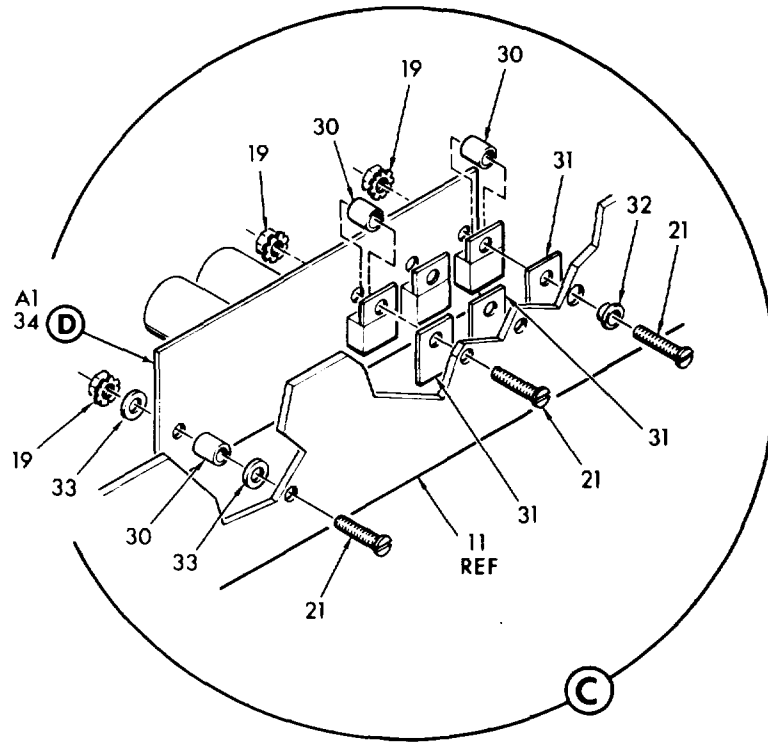


Figure 2. Chassis Assembly, P1122-014-02 (Sheet 1 of 2)



PREFIX ALL REF  
DES WITH: A1

EL6KW003

Figure 2. Chassis Assembly, P1122-014-02 (Sheet 2 of 2)



SECTION II

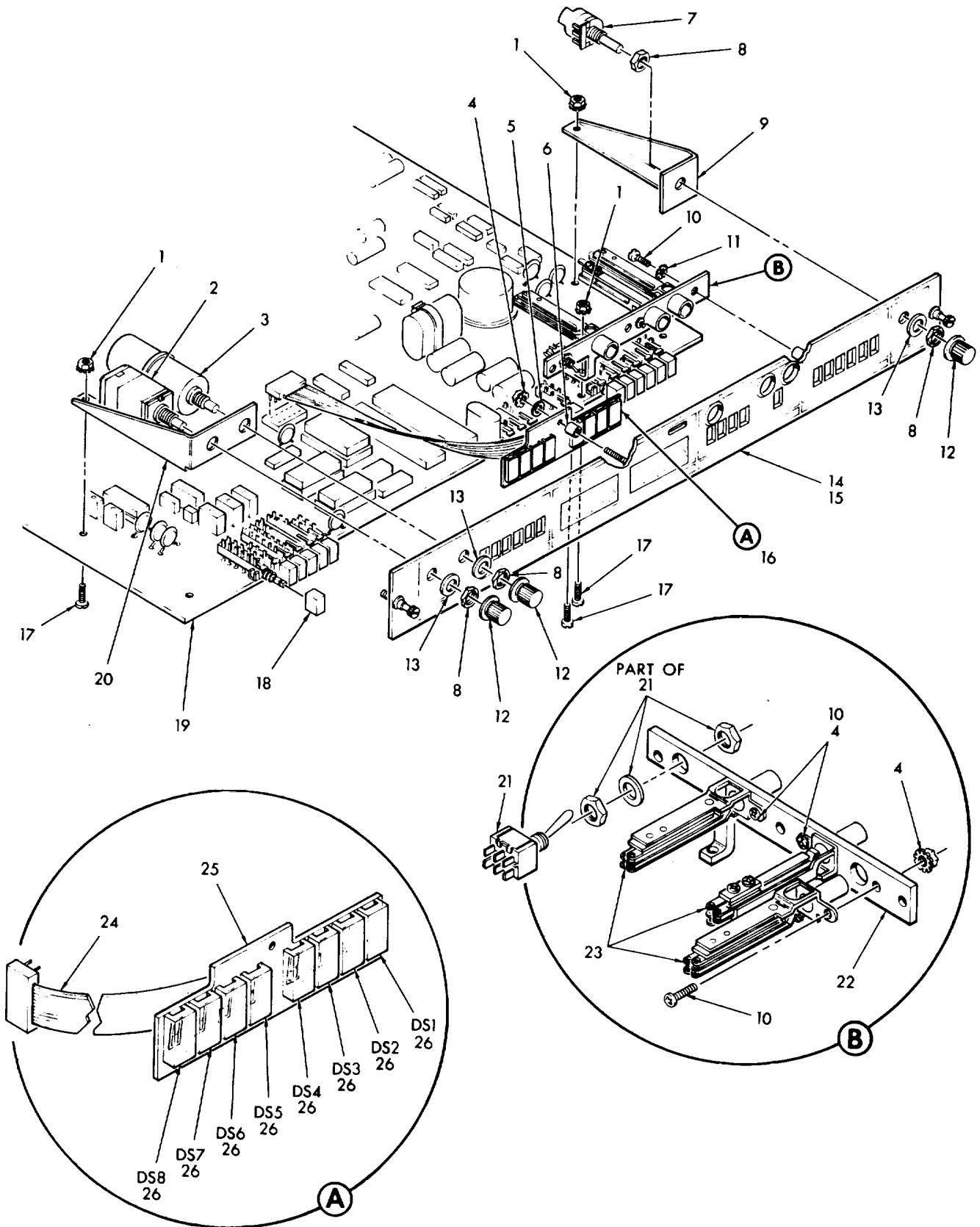
TM 11-5895-1081-40P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 0101 CHASSIS ASSEMBLY,P1122-014-02		
2	1	PAHZZ	5999-00-338-9879	27264	02-06-1103	CONTACT,ELECTRICAL .....	EA	2
2	2	Z XBHZZ		27264	03-06-1023	CONNECTOR,RECEPTACL .....	EA	1
2	3	PAHZZ		54473	EAS-8P01S-T	LOUDSPEAKER,ELECTR.....	EA	1
2	4	XBHZZ	5325-00-276-6091	88044	AN931-11-16	GROMMET,NONMETALLIC.....	EA	1
2	5	PAHZZ	5305-00-054-6650	96906	MS51957-26	SCREW,MACHINE.....	EA	2
2	6	PAHZZ	5310-00-616-3555	96906	MS35333-71	MASHER,LOCK.....	EA	2
2	7	XBHZZ		50137	P1122-017-01	PLATE,MTG .....	EA	1
2	8	PAHZZ	5310-00-063-7360	78189	511-061800-00	NUT,PLAIN,ASSEMBLED .....	EA	2
2	9	XBHZZ		18583	GFT-2	TERMINAL BLOCK .....	EA	1
2	10	PAHZZ	5305-00-054-6655	96906	MS51957-1	SCREW,MACHINE.....	EA	2
2	11	XAHZZ		50137	P1122-037-02	PANEL,REAR.....	EA	2
2	12	Z PAHZZ	5305-00-054-5649	96906	MS51957-15	SCREW,MACHINE.....	EA	2
2	13	PAHZZ	5305-00-054-6652	96906	MS51957-28	SCREW,MACHINE.....	EA	4
2	14	XBHZZ	5920-00-504-8634	75915	313-250	FUSE,CARTRIDGE .....	EA	1
2	15	XBHZZ	5920-00-892-9311	81349	FHN26G[	FUSE HOLDER,EXTRACTO.....	EA	1
2	16	XBHZ	5935-00-233-6728	16428	17252	CONECTOR,RECEPTACL.....	EA	1
2	17	XBHZZ		18583	GFT-5	TERHINAL BLOCK.....	EA	1
2	18	XBHZZ		50137	P1122-020-01	BRACKET,TRANSFORMER .....	EA	1
2	19	PAHZZ	5310-00-836-3520	78189	51511-041800-00	NUT,PLAIN,ASSEMBLED .....	EA	2
2	20	XBHZZ		96906	MS6333-70	WASHER,LOCK .....	EA	1
2	21	PIHZZ	5305-00-054-6652	96906	MS51957-18	SCREW,MACHINE.....	EA	1
2	22	XBHZZ		2833	PCT6931	TRANSFORMER,POWER .....	EA	1
2	23	XBHZZ		06383	PLC1M-S4	STRAP,TIEDOWN,ELECT .....	EA	19
2	24	ZI XBHZZ	5999-00-338-9875	27264	02-06-2103	CONTACT,ELECTRICAL .....	EA	2
2	25	XBHZZ		27264	03-06-2023	CONNECTOR,PLUG,LEL .....	EA	1
2	26	XBHZZ		00779	583649-7	CONTACT,ELECT .....	EA	30
2	27	XBHZZ		00779	583859-7	CONNECTOR,RECEPTACL.....	EA	1
2	28	PAHZZ	5940-00-815-2093	96906	MS77068-3	TERMINAL, LUG .....	EA	1
2	29	XHZIZ	5940-00-321-4984	83330	137	POST,BINDING,ELECTR.....	EA	1
2	30	XBHZZ		83330	4000	SPACER,NYLON.....	EA	4
2	31	XBHZZ		55285	7403-09FR-52	INSULATOR .....	EA	3
2	32	PAHZZ	5970-00-809-7088	99974	7274771	INSULATOR,,BUSHING.....	EA	1
2	33	PAHZZ	5310-00-716-5612	96906	MS51859-2	WASHER,FLAT .....	EA	3
2	34	XAHHH		50137	P1122-015-01	CIRCUIT CD ASSY .....	EA	1
2	35	PAHZZ		07263	UA79L5UC	MICROCIRCUIT, LINEA.....	EA	1
2	36	PAHZZ	5962-00-365-5977	07263	7805UC	MICROCIRCUIT,LINEAR .....	EA	1
2	37	PAHZZ	5962-00-299-8041	07263	7815UC	CIRCUIT,LINEAR .....	EA	1
2	38	XBHZZ		54473	ECE-AI6V222U	CAPACITOR.FXD,ELECT .....	EA	2
2	39	XBHZZ	5961 -00-064-3254	19315	1889406-2	SEMICONDUCTCR DEVIC.....	EA	2

SECTION II

TM 11-5895-1081-40P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
2	40	XAHZZ	5961-00-921-3781	50137	P1122-016-01	PRINTED WIRING BD .....	EA	1
2	41	PAHZZ		80131	1N4001	SEICONDUCTER DEVIC .....	EA	4
2	42	XBHZZ		54473	ECE-A35V4TOLU	CAPACITOR.FXD.ELECT.....	EA	2
2	43	XBHZZ		54473	ECE-A25ViOL	CAPACITOR.FIXED,ELE.....	EA	3
					<b>10/(11 blank)</b>			



EL6KW004

Figure 3. Panel Assembly, Front, P1122-002-02

SECTION II

TM 11-5895-1081-40P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 0102 PANEL ASSY,FRONT,P1122-002-02		
3	1	PAHZZ	5310-00-063-7360	78189	511-061800-00	NUT PLAIN,ASSEMBLED.....	EA	2
3	2	XBHZZ		73138	72B6RIOKL-25	RESISTOR,VAR.CMPSN.....	EA	1
3	3	PAHZZ	5905-00-537-6742	73138	81 06	RESISTOR,FIXED,COMP.....	EA	1
3	4	PAHZZ	53L0-00-836-3520	78189	511-041800-00	NUT,PLAIN,ASSEMBLES.....	EA	1
3	5	PAHZ	5310-00-595-6211	96906	MS17951-803	WASHER,FLAT.....	EA	1
3	6	XBHZZ		83330	4000	SPACER,NYLON.....	EA	1
3	7	PAHZZ		50137	971600080	SWITCH,RESISTOR AS.....	EA	1
3	8	PAHZZ	5310-00-138-9806	96906	MS25082-C20	NUT,PLAIN.HEXAGON.....	EA	2
3	9	XBHZZ		50137	P1122-O19-09	BRACKET. SUPPORT.....	EA	1
3	10	PAHZZ	5305-00-054-6652	96906	MS51957-28	SCREW,MACHINE.....	EA	3
3	11	PAHZZ	5310-00-209-L366	96906	MS35335-58	WASHER,LOCK.....	EA	3
3	12	XBHZZ		08730	106-2-8	KNOB.....	EA	3
3	13	PAHZZ	5310-00-180-0277	96906	MS35333-76	WASHER,LOCK.....	EA	1
3	14	XAHZZ		50137	P1122-005-01	SUB--PANEL FRONT.....	EA	1
3	15	XBHZZ		50.3T	P1122-007-01	OVERLAY.....	EA	1
3	16	XAHHH		50137	P1120-031-01	DISPLAY BD ASSY.....	EA	1
3	17	PAHZZ	5305-00-054-6651	96906	MS.51957-27	SCEW,MACHINE.....	EA	1
3	18	XBHZZ		31918	FSCBLK	BUTTON,PUSH.....	EA	17
3	19	XAHDD		50137	P1122-003-02	CIRCUIT CD ASSY.....	EA	1
3	20	XBHZZ		50137	P1122-009-01	BRACKET, SUPORT.....	EA	1
3	21	PAHZZ	5930-00-063-6820	09353	7201SYZQ	SWITCH.TOGGLE.....	EA	1
3	22	XBHZZ		50137	P1122-008-01	PLATE,MTG.....	EA	1
3	23	PAHZZ	5935-D00-19-3079	70674	PJ339	JACK,TELEPHONE.....	EA	3
3	24	XBHZZ		50137	P1120-016-01	CABLE ASSEMBLY.....	EA	1
3	25	XBHZZ		50137	P1120-032-OI	PRINTED WIRING BD.....	EA	1
3	26	XB HZZ		50521	MAN4610A	LIGHT EMITTING DIO.....	EA	8
					<b>13/(14 blank)</b>			

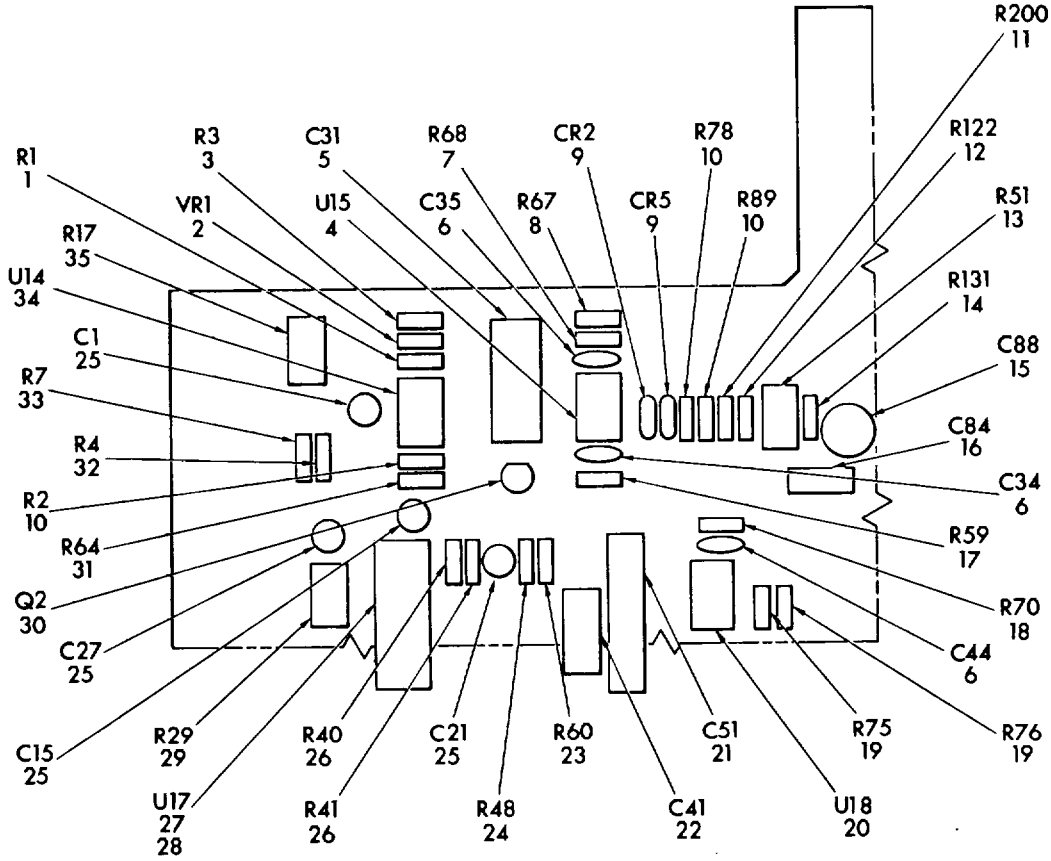
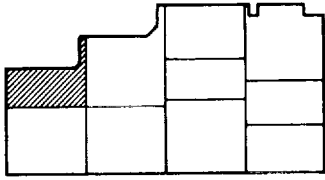


Figure 4. Circuit Card Assembly, P1122-003-02 (Sheet 1 of 10)

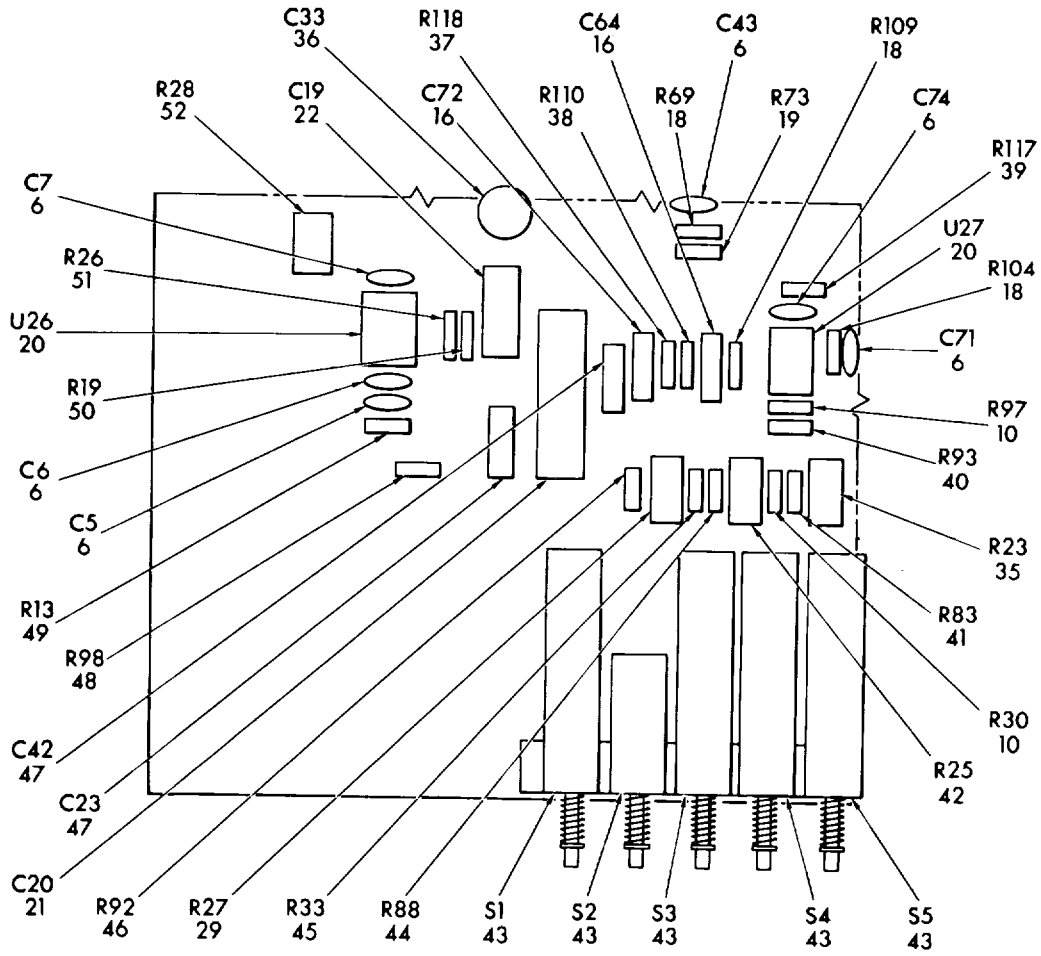
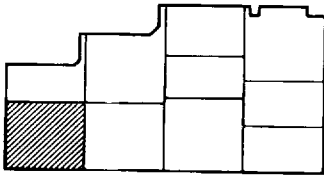


Figure 4. Circuit Card Assembly, P1122-003-02 (Sheet 2 of 10)

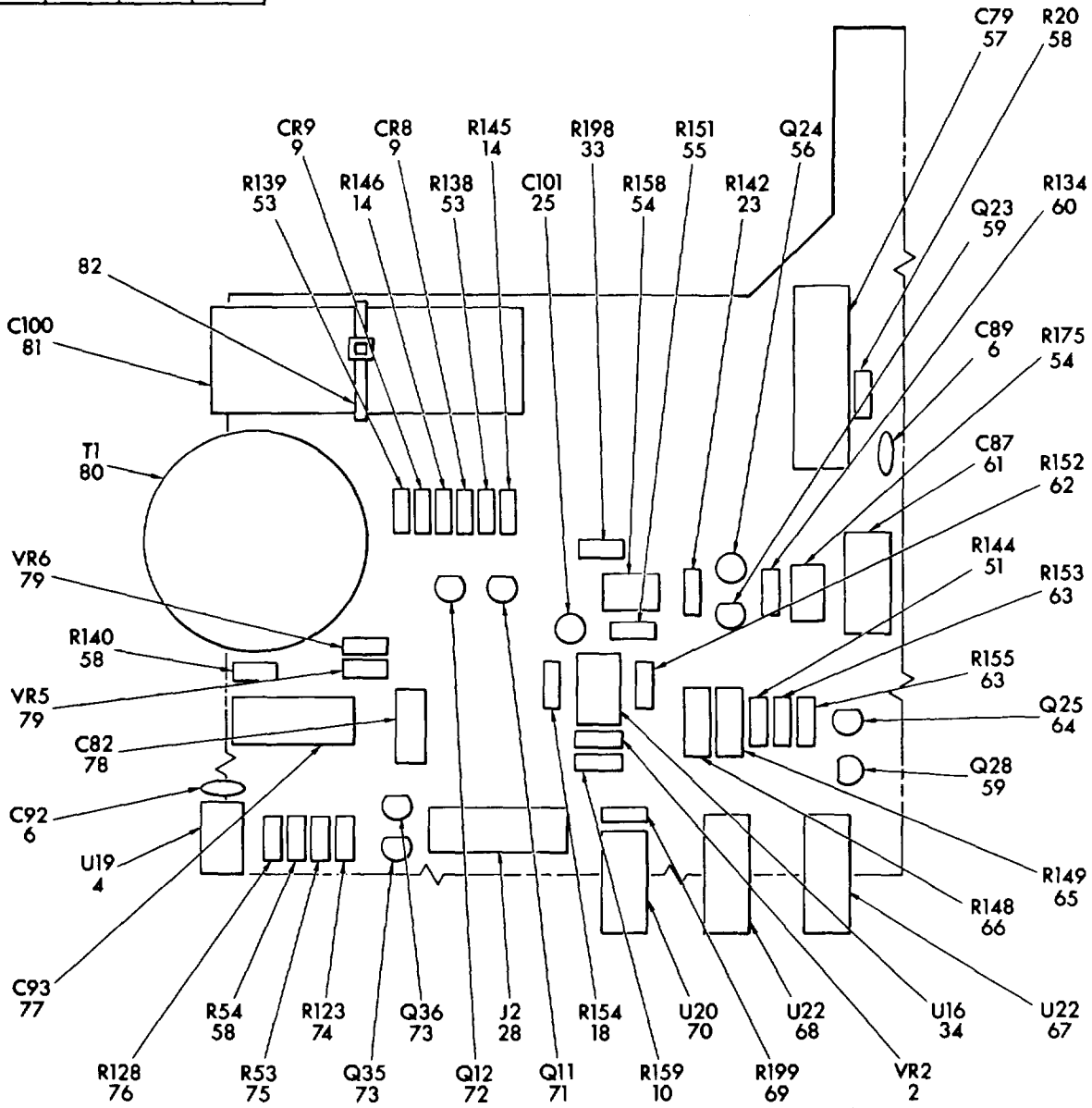
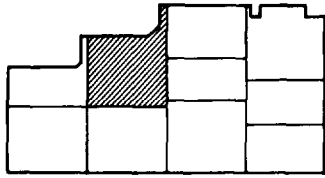


Figure 4. Circuit Card Assembly, P1122-003-02 (Sheet 3 of 10)

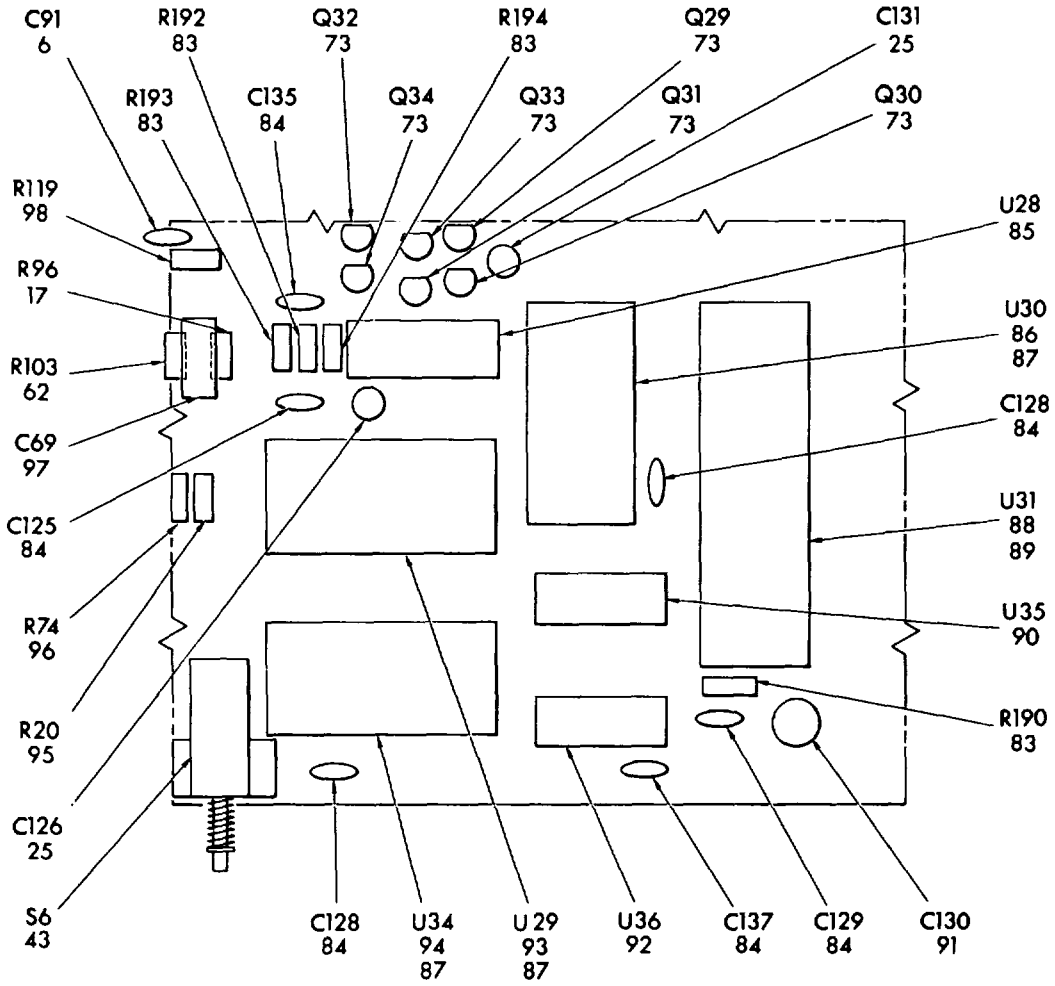
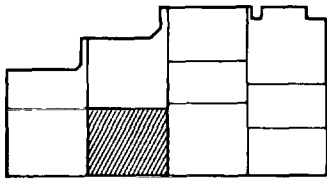


Figure 4. Circuit Card Assembly, P1122-003-02 (Sheet 4 of 10)



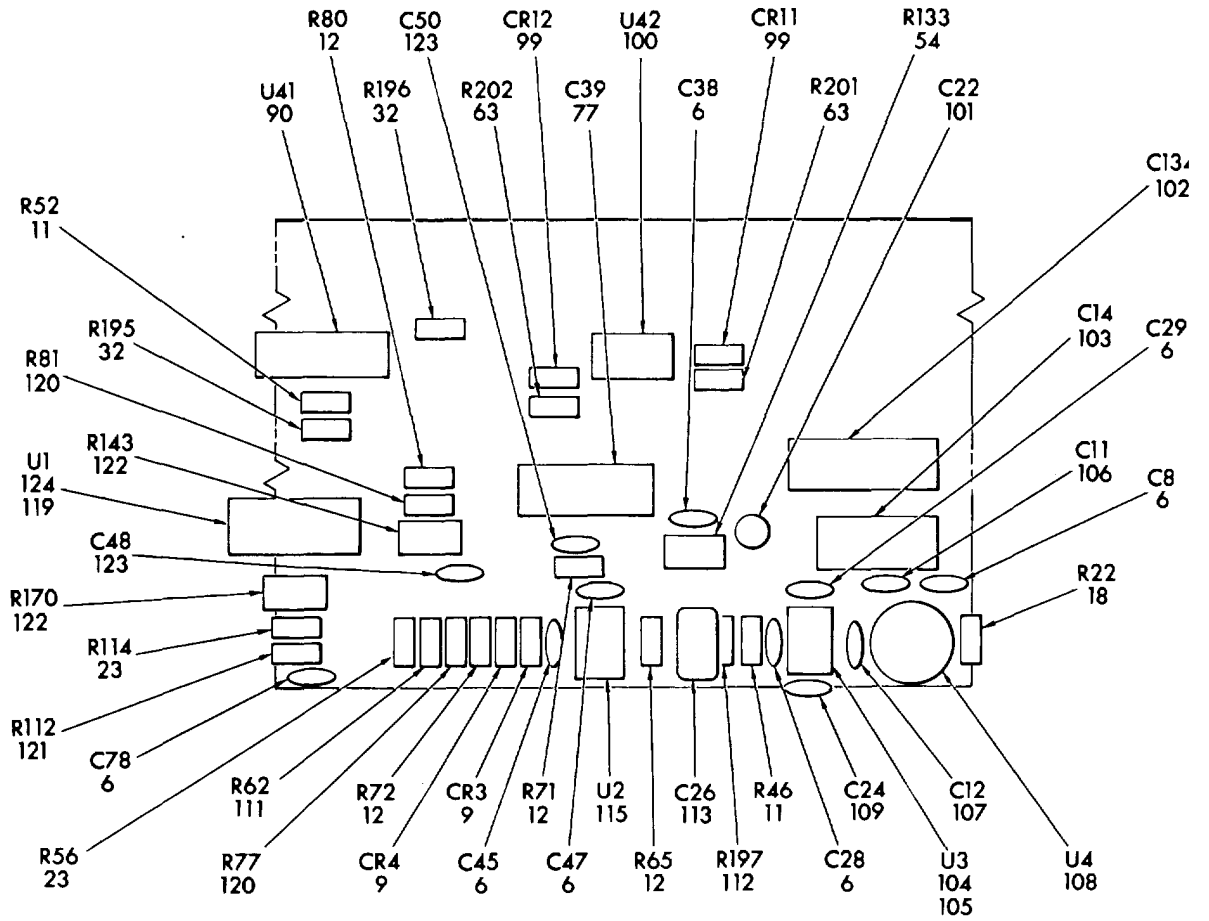
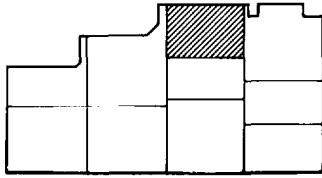


Figure 4. Circuit Card Assembly, P1122-003-02 (Sheet 5 of 10)

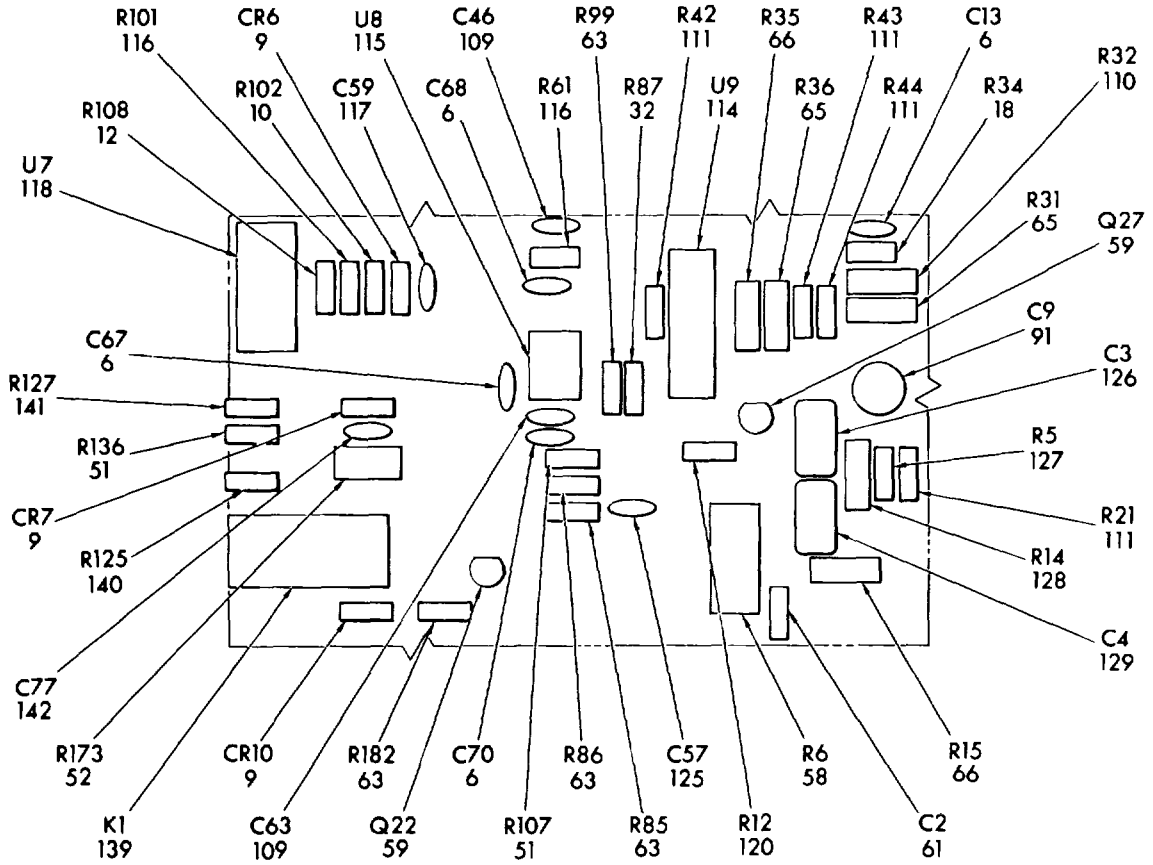
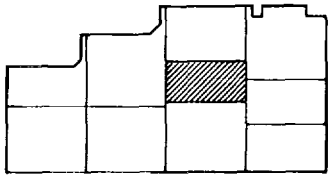


Figure 4. Circuit Card Assembly, P1122-003-02 Sheet 6 of 10)

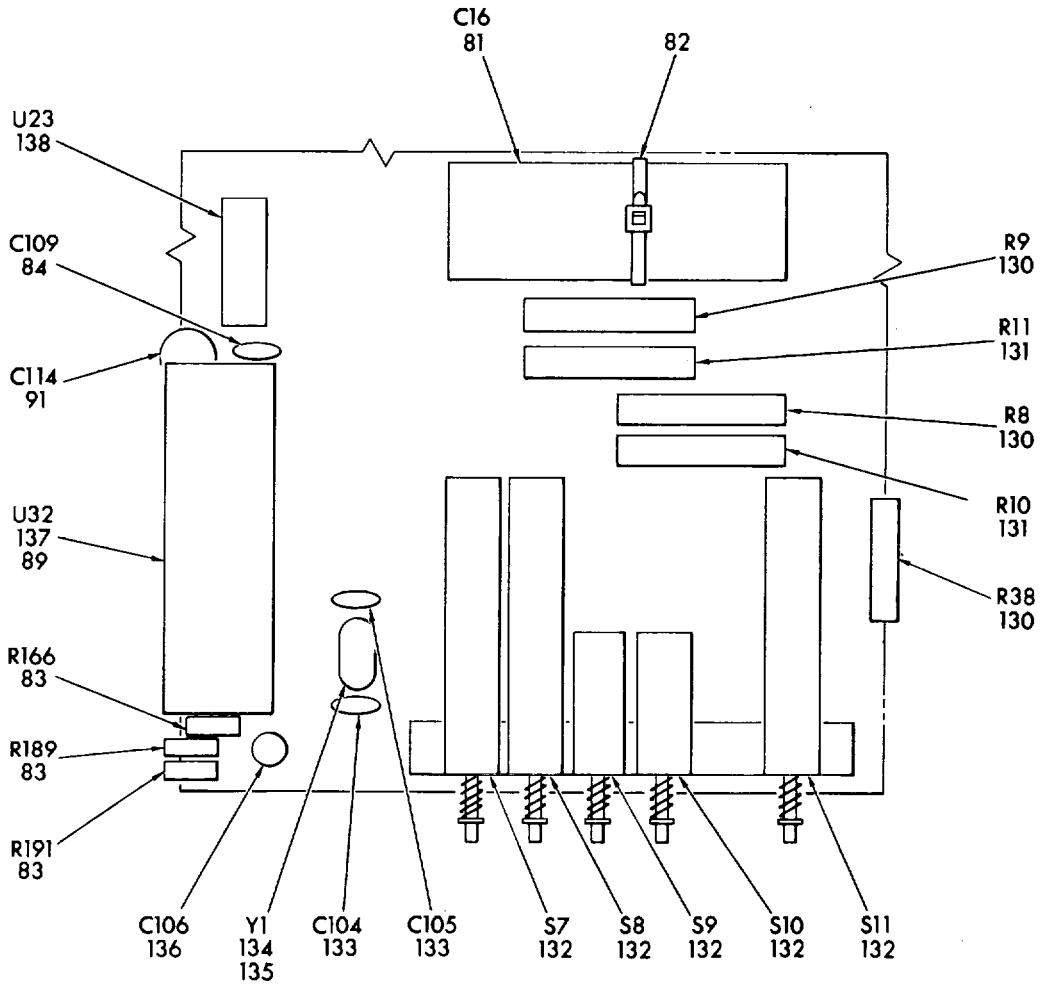
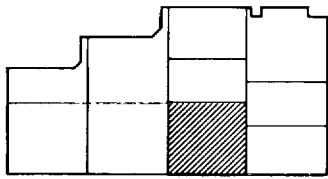


Figure 4. Circuit Card Assembly, P1122-003-02 (Sheet 7 of 10)

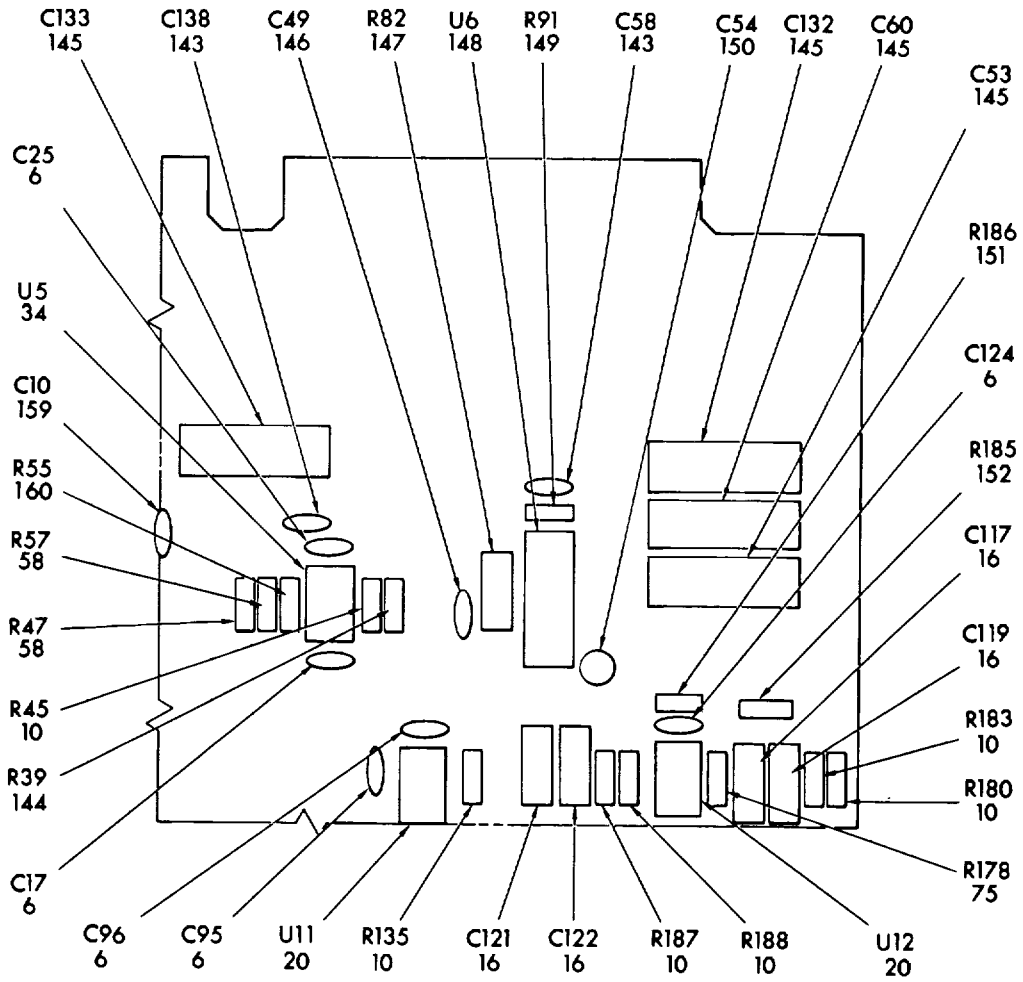
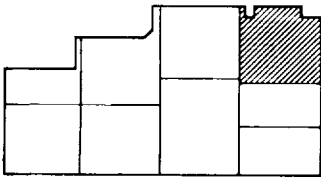


Figure 4. Circuit Card Assembly, P1122-003-02 (Sheet 8 of 10)

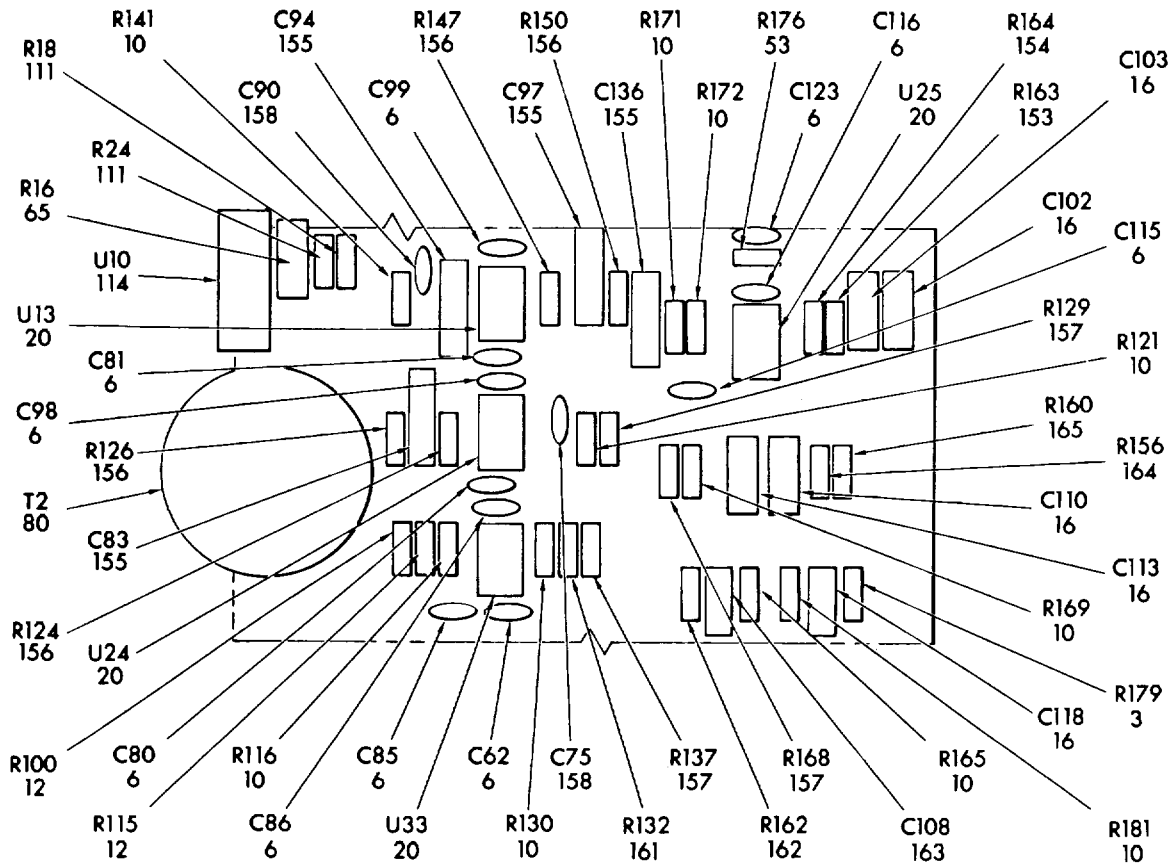
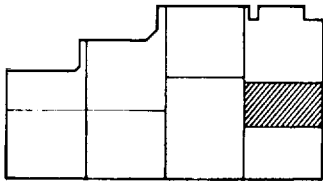


Figure 4. Circuit Card Assembly, P1122-003-02 (Sheet 9 of 10)

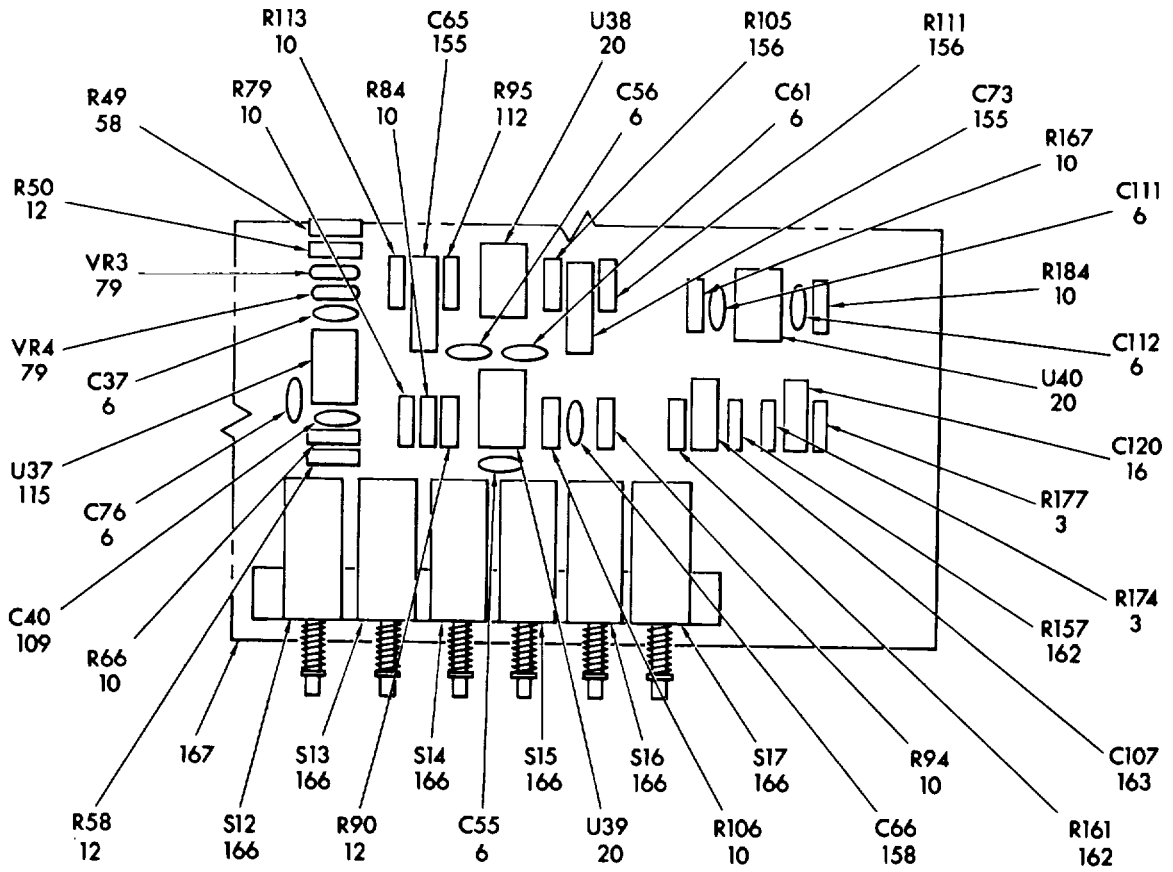
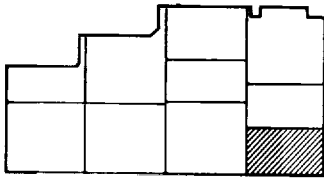


Figure 4. Circuit Card Assembly, P1122-003-02 (Sheet 10 of 10)

## SECTION II

TM 11-5895-1081-40P/E2137-BV-PLL-040/5103 TS3853/T0 31S5-2G-234

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 010201 CIRCUIT CARD ASSEMBLY, P1122-003-02		
4	1	PAHZZ	5905-00-432-0425	81349	RC55K6040FS	RESISTOR, FIXED, FILM.....	EA	1
4	2	PAHZZ	5961-00-923-3940	81349	JANIN825	SEMICONDUCTOR, DEVIC.....	EA	2
4	3	PAHHZ	5905-00-432-6389	81349	RNC55K7501FS	RESISTOR, FIXED, FILM.....	EA	4
4	4	XBHZZ		01295	TL082CJG	MICROCIRCUIT, LINEAR.....	EA	2
4	5	XBHZZ		55112	60HI15J100	CAPACITOR, FXD, ELEC.....	EA	1
4	6	PAHZZ	590-00-325-7132	71590	UK25-503	CAPACITOR, FIXED, CER.....	EA	45
4	7	PAHZZ	5905-00-250-5839	81349	RNC55K2492FS	RESISTOR, FIXED, FILM.....	EA	1
4	8	PAHZZ	5905-00-250-5986	81349	RNC55K492F	RESISTOR, FIXED, FILM.....	EA	1
4	9	PAHZ	5961-00-938-1L35	81349	JAN1N4148	SEMICONDUCTOR DEVIC.....	EA	9
4	10	PAHZZ	5905-00-432-0402	81349	RNC55K2002FS	RESISTOR, FIXED, FILM.....	EA	30
4	11	PAHZ	5905-00-432-0381	81349	RNC55K1001FS	RESISTOR, FIXED, FILM.....	EA	3
4	12	PAHZZ	5905-00-479-3990	81349	RNC55KLOOZFS	RESISTOR, FIXED, FILM.....	EA	11
4	13	XBHZZ		73138	68WR501	RESISTOR, VARIABLE.....	EA	1
4	14	PAHZZ	5905-00-432-0380	81349	RNC55KLOOFS	RESISTOR, FIXED, FILM.....	EA	3
4	15	XBHZ		56289	196D227X9004PE4	CAPACITOR, FIXED, ELE.....	EA	1
4	16	XBHZ		27556	BV28013 F	CAPACITOR, FIXED, ELE.....	EA	13
4	17	PAHZZ	5905-00-431-7830	81349	RNC55K422LFS	RESISTOR, FIXED, ELE.....	EA	2
4	18	PAHZZ	5905-00-104-8368	81349	RCO7G470JS	RESISTOR, FIXED, COMP.....	EA	7
4	19	PAHZZ	5905-00-432-0430	81349	RNC55K8061FS	RESISTOR, FIXED, FILM.....	EA	3
4	20	XBHZZ	5962-00-72-5583	27014	LM145N	MICROCIRCUIT, LINEAR.....	EA	12
4	21	XBHZZ		27556	8V28334F	CAPACITOR, FXD, ELECT.....	EA	2
4	22	XBHZZ		27556	8V28473F	CAPACITOR, FXD, ELECT.....	EA	2
4	23	PAHZZ	5905-00-110-0388	81349	RCR07GL04JS	RESISTOR, FXD, COMP.....	EA	4
4	24	PAHZZ	5905-00-250-6220	81349	RC55K752FS	RESISTOR, FIXED, FILM.....	EA	1
4	25	PAHZ	5910-00-432-6965	56289	196D106X9020JA1	CAPACITOR, FIXED, ELE.....	EA	7
4	26	PAHZZ	5905-00-432-0422	81349	RNC55K5LIIFS	RESISTOR, FIXED, FILM.....	EA	2
4	27	XBHZZ		52063	XR2206P	MICROCIRCUIT, LINEAR.....	EA	1
4	28	XBHZZ		00779	640358-1	SOCKET, MICROCIRCUIT.....	EA	3
4	29	XBHZZ		01121	MT2W102	RESISTOR, VARIABLE, N.....	EA	2
4	30	PAHZZ	5961-00-926-0237	81349	JAN2N2369A	TRANSISTOR.....	EA	1
4	31	XBHZZ	5905-00-46-4722	81349	RNC55K113FS	RESISTOR, FIXED, FILM.....	EA	1
4	32	PAHZZ	5905-00-141-1183	81349	RCR07GO1JS	RESISTOR, FIXED, COMP.....	EA	4
4	33	PAHZZ	5905-00-135-6046	81349	RCRO7G.681JS	RESISTOR, FIXED, COMP.....	EA	2
4	34	XBHZZ		07263	UA741ETC	MICROCIRCUIT, LINEAR.....	EA	3
4	35	XBHZZ		01121	MT2W103	RESISTOR, VARIABLE.....	EA	2
4	36	PAHZZ	5910-01-027-8978	56289	196D476X9020PE4	CAPACITOR, FIXED, ELE.....	EA	1
4	37	PAHZZ	5905-00-432-6377	81349	RNC55K2321FS	RESISTOR, FIXED, FILM.....	EA	1
4	38	PAHZ	5905-00-481-1327	81349	RNC55K103FS	RESISTOR, FIXED, FILM.....	EA	1

SECTION II

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
4	39	PAHIZ	5905-00-758-3115	81349	RNC55K2003FS	RESISTOR, FIXED, FILM.....	EA	1
4	40	PAHZZ	5905-00-259-4589	81349	RNC55K590OFS	RESISTOR, FIXED, FILM.....	EA	1
4	41	PAHZZ	5905-00-259-460	81349	RNC55K11FS	RESISTOR, FIXED, FILM.....	EA	1
4	42	XBHZZ		01112	MT2a202	AESSTUR,VAIABLE . .a .....	EA	1
4	43	PAHZZ		50137	97i600063	SWITCH ASSEMBLY .....	EA	1
4	44	PAHZZ	5905-00-506-6397	81349	RNC55K4871FS	RESISTOR, FIXED, FILM.....	EA	1
4	45	PAHZZ	5905-00-432-0426	81349	R/C55K6491FS	RESISTOR, FIXED, FILM.....	EA	1
4	46	PAHZZ	5905-00-432-0387	81349	RNC55KI332FS	RESISTOR, FIXED, FILM.....	EA	1
4	47	XBHZZ		27556	8V2A103J	CAPACITOR, FIXED, ELECT.....	EA	2
4	48	XBHZZ	5905-0-307-3812	81349	RNC55K37FS	RESISTOR, FIXED, FILM.....	EA	1
4	49	PAHZZ	5905-00-451-7275	81349	RNC55K6811FS	RESISTOR, FIXED, FILM.....	EA	1
4	50	PAHZZ	5905-00-2[-8L89	81349	RNC55K1742FS	RESISTOR, FIXED, FILM.....	EA	1
4	51	PAHZZ	595-00-106-9356	81349	RCR0G203JS	RESISTOR, FIXED, COMP .....	EA	4
4	52	XBHZZ		01121	MT2W203	RESISTOR, VARIABLE .....	EA	2
4	53	PAHZZ	5905-00-431-516	81349	RNC55KO402FS	RESISTOR, FIXED, FILM.....	EA	3
4	54	XBHZZ		01121	HT2.500	RESISTOR, VARIABLE .....	EA	3
4	55	PAHZ	5905-00-432-0420	81349	RC55K4 99OFS	RESISTOR, FIXED, FILM.....	EA	1
4	56	PAHZ	596L-00-110-9356	8013	2N4391	TRANSISTOR .....	EA	1
4	57	PAHZZ	5910-00-001-725	27556	ZA2C105J	CAPACITOR, FIXED, PLA .....	EA	1
4	58	PAHZZ	5905-00-208-4293	81349	RKC55KI00i3FS	RESISTOR, FIXED, FILM.....	EA	7
4	59	XBHZZ		07263	PE6020	TRANSISTOR .....	EA	4
4	60	PAHZZ	5905-00-721-37	81349	RNC55 S3832F	RESISTOR, FIXED, FILM.....	EA	1
4	61	PAHZZ	PAHZZ	27556	BV2B224F	CAPACITOR, FIXED, EL.....	EA	2
4	62	PAHZZ	5905-00-431-7825	81349	RNC55KI212LFS	RESISTOR, FIXED, FILM.....	EA	2
4	63	PAHZZ	5905-00-106-3666	81349	RCR07G103JS	RESISTOR, FIXED, COM .....	EA	8
4	64	PAHZZ	5961-00-935-5085	80131	ZN4356	TRANSISTOR .....	EA	1
4	65	XBHZZ		14298 2	SE1-8-11110HMSBC	RESISTOR, FIXED, FILM.....	EA	4
4	66	PAHZZ	5905-01-022-2380	81349	RNC60K1002FS	RESISTOR, FIXED, FILM.....	EA	3
4	67	PAHZZ	5905-00-548-0907	73138	898-3RI0K	RESISTOR, NETWORK, FI.....	EA	1
4	68	PAHZZ	5962-00-200-L990	02735	CA308I	MICROCIRCUIT, LINEAR .....	EA	1
4	69	PAHZZ	5905-00-119-8812	81349	RCR07G121JS	RESISTOR, FIXED, COMP .....	EA	1
4	70	PADZZ		34649	D2716	MICROCIRCUIT, DOGOTA;.....	EA	1
4	71	XBHZZ		80131	2N5210	TRANSISTOR .....	EA	1
4	72	PAHZZ	5961-0-404-5537	80131	2N5087	TRANSISTOR .....	EA	1
4	73	PAHZZ	5961-00-146-8292	0T713	MPSA12	TRANSISTOR .....	EA	8
4	74	PAHZZ	5905-00-425-1911	81349	RNC55K1211FS	RESISTOR, FIXED, FILM.....	EA	1
4	75	PAHZ	5905-00-432-0401	81349	RNC55K2001FS	RESISTOR, FIXED, FILM.....	EA	2
4	76	PHZZ	5905-00-432-0410	81349	RNC55K800FS	RESISTOR, FIXED, FILM.....	E.A	1
4	477	XBHZZ		29309	NA-3-35-6-8N	CAPACITOR, FIXED, ELECT.....	EA	2



## SECTION II

TM 11-5895-1081-40P/E2137-BV-PLL-040/5103 TS3853/T0 31S5-2G-234

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
4	78	XBHZZ	5910-00-925-3682	14655	CD15FD471G03	CAPACITOR, FIXED.....	EA	1
4	79	PAHZZ	596L-00-932-4026	80131	1N4736A	SEMICONDUCTOR, DEVIC .....	EA	4
4	80	XBHZZ		50137	97i90050	TRANSFORMER .....	E A	2
4	81	XBHZZ		27556	ZAZCL06	CAPACITOR, FIXED, ELECT .....	EA	2
4	82	XBHZZ	5975-01-044-3379	06383	PLT1M	STRAP, TIEDOWN, ELECT.....	EA	2
4	83	PAHZZ	5905-00-t4-0717	81349	RCR07G473JS	RESISTOR, FIXED, COMP.....	EA	7
4	84	PAHZZ	59L0-00-225-7329	71590	UK10-104	CAPACITOR, FIXED, CER .....	EA	1
4	85	XBHZZ		02735	CD40288F	MICROCIRCUIT, DIG .....	EA	1
4	86	XBHZZ		34649	2716	MICROCIRCUIT, MEMORY.....	EA	1
4	87	XBHZZ		00779	640361-1	SOCKET, MICROCIRCUIT .....	EA	3
4	88	XBHZZ		346459	08279	MICROCIRCUIT, CPU .....	EA	1
4	89	XBHZZ		T3803	C93-40-02	SOCKET.PLUG-IN ELEC .....	EA	2
4	90	XBHZZ		02735	CD00ILBF	MICROCIRCUIT, DGTL .....	EA	2
4	91	PAHZZ	5910-I-042-7567	56289	196D107X9010PE4	CAPACITOR, FIXED, ELE .....	EA	3
4	92	XBHZZ	5962-0L-033-2279	02735	CD4013B0/3	MICROCIRCUIT, DIGITAL.....	EA	1
4	93	XBHZZ	5962-01-024-0985	34649	C82L2	MICROCIRCUIT, DIGITAL.....	EA	1
4	94	XBHZZ		34649	8253	MICROCIRCUIT, CPU .....	EA	1
4	95	PAHZZ	5905-00-250-6007	81349	R55K4532FS	RESISTOR FIXED, FILM .....	EA	1
4	96	PAHZZ	5905-01-018-4514	81349	RNC55K1004FS	RESISTOR, FIXED, FILM.....	EA	1
4	97	XBHZZ	5910-01-068-2674	81349	CMR05E750J0DM	CAPACITOR, FIXED, MICA.....	EA	1
4	98	PAHZZ	5905-00-273-9828	81349	RNC55K6341FS	RESISTOR, FIXEO FILM.....	EA	1
4	99	PAHZZ	5961-00-723-3602	81349	JANIN3612	SEMICONDUCTOR, DEVIC .....	EA	2
4	100	XBHZZ	5962-00-487-8547	00295	RM4X36J-00	MICROCIRCUIT, LINEAR.....	EA	1
4	101	PAHZZ	59L0-00-58L-7132	56289	906D686X9006KAI	CAPACITOR, FIXD, ELE .....	EA	1
4	102	XBHZZ		25088	000	CAPACITOR, FIXED; ELE.....	EA	1
4	103	XBHZZ		27556	ZA2446J	CAPACITOR, FIXED, MYLAR .....	EA	1
4	104	XBHZZ		01295	TLO81CJG	MICROCIRCUIT,LINEAR.....	EA	1
4	105	XBHZZ		00779	640357-	SOCKET, MICROCIRCUIT .....	EA	2
4	106	PAHZZ	5910-00-299-2276	28480	0160-2496	CAPACITOR, FIXED, CER .....	EA	1
4	107	XBHZZ	5910-00-24-65L3	71590	DD102	CAPACITOR, FIXED, CER .....	EA	1
4	108	XBHZZ		07263	UA715HC	MICROCIRCUIT, LINEAR.....	EA	1
4	109	XBHZZ	590t-00-556-96L2	006S6	BCD1-1-3R3P	CAPACITOR, FIXED, CER .....	EA	4
4	110	XBHZZ	5905-00-189-2456	81349	RNC60K1103FS	RESISTOR, FIXED, FILM .....	EA	1
4	111	PAHZZ	5905-00-11t-4845	81349	RCROT20 JS	RESISTOR, FIXED, COMP.....	EA	7
4	112	PAHZZ	5905-00-431-7817	81349	RNC55KLO72FS	RESISTOR, FIXED, FILM .....	EA	2
4	113	XBHZZ	5910-01-043-6892	81349	CHRO5FIOIOODR	CAPACITOR, FIXED, MIC .....	EA	1
4	114	XBHZZ		17856	CG20ICJ	MICROCIRCUIT, DIGITAL.....	EA	2
4	115	XBHZZ		07263	UA748TC	MICROCIRCUIT, LINEAR.....	EA	3
4	116	PAHZZ	5905-00-140-7143	81349	RNC55K332IFS	RESISTR, FIXED, FILM.....	EA	2

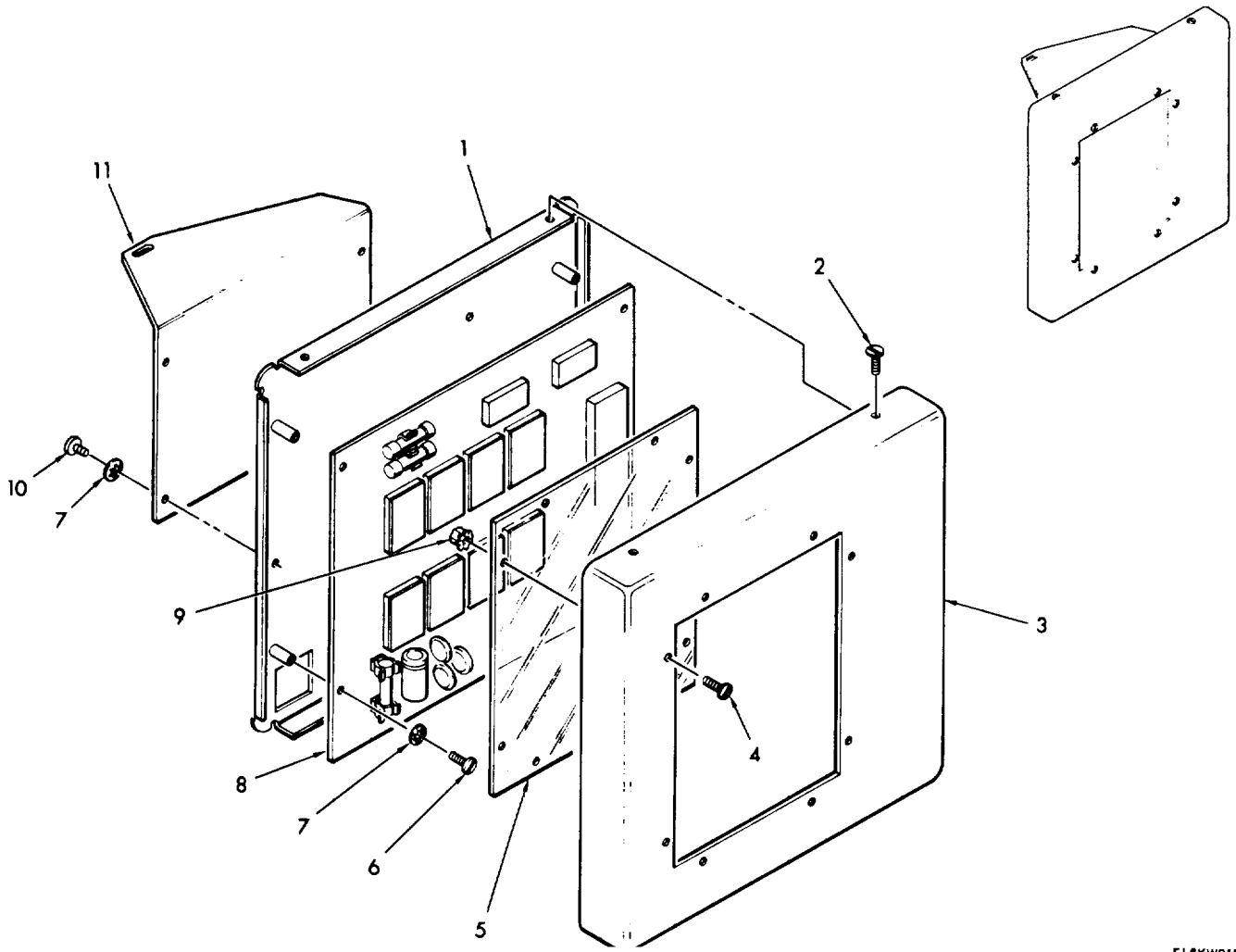
## SECTION II

TM 11-5895-1081-40P/E2137-BV-PLL-040/5103 TS3853/T0 31S5-2G-234

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
4	117	XBHZZ	95910-00-06-8562	06141	0158-3-01-004	CAPACITOR, FIXED, CER .....	EA	1
4	118	XBHZZ	5962-00-487-8547	01295	RM4136J-00	MICROCIRCUIT, LINEAR .....	EA	1
4	119	PAHZI	5935-00-568-2849	00179	583640-1	SOCKET, PLUG-IN, ELEC .....	EA	1
4	120	PAHZ	5905-00-432-0421	81349	RNC55K499IFS	RESISTOR, FIXED, FILM .....	EA	3
4	121	XBHZ	5905-00-116-2394	81349	RCR07G511JS	RESISTOR, FIXED, COMP .....	EA	1
4	122	XBHZZ		73138	688R104	RESISTOR, VARIABLE .....	EA	2
4	123	PAHZZ	5910-00-811-2368	71590	01050	CAPACITOR, FIXED, CER .....	EA	2
4	124	PAHZZ	5962-00-412-1023	02735	CA3046	MICROCIRCUIT, LINEAR .....	EA	1
4	125	XBHZZ	5910-00-782-1635	18876	10051114-045	CAPACITOR, FIXED, CER .....	EA	1
4	126	PAHZ	591L-01-053-6833	81349	CMR057C100D0DR	CAPACITOR, FIXED, MIC .....	EA	1
4	127	PAHZZ	5905-00-L36-3890	81349	RCR07G513JS	RESISTOR, FIXED, COMP .....	EA	1
4	128	PAHZ	590-00-137-0804	81349	RNC60KI003FS	RESISTOR, FIXED, FILM .....	EA	1
4	129	PAHZZ		81349	CMR05E820JODM	CAPACITOR, FIXED, MICA .....	EA	1
4	130	XBHZZ		81349	RWR74N50008M	RESISTOR, FIXED, FILM .....	EA	3
4	131	XBHZZ		81349	RWR74N9000BH	RESISTOR, FIXED, FILM .....	EA	2
4	132	PAHZZ		50137	9718600064	SWITCH ASSEMBLY .....	EA	1
4	133	PAHZZ	1910--00-005-3468	81349	CMR05E220J0DM	CAPACITOR, FIXED, MIC .....	EA	2
4	134	XBHZZ		75378	MP030	CRYSTAL, QUARTZ .....	EA	1
4	135	XBHZZ		50137	4-18	WASHER, NYLON .....	EA	2
4	136	PAHZZ	5910-00-199-7595	56289	1960105X9035HA1	CAPACITOR, FIXED, ELE .....	EA	1
4	137	XBHZZ		34649	8035-8	MICROCIRCUIT, CPU .....	EA	1
4	138	XBHZZ		02735	CD4D258F	MICROCIRCUIT, DGTL .....	EA	1
4	139	PAHZZ	5945-00-896-765L	31951	101-001-12	RELAY, REED .....	EA	1
4	140	PAHZZ	5905-00-481-I332	81349	RCN55K9092FS	RESISTOR, FIXED, FILM .....	EA	1
4	141	PAHZZ	5905-00-142-09T5	81349	RNC55K3L02FS	RESISTOR, FIXED, FILM .....	EA	1
4	142	PAHZZ	5910-00-344-1923	71590	00330	CAPACITOR, FIXED, CER .....	EA	1
4	143	PAHZZ	5910-00-782-7614	56289	HY550	CAPACITOR, FIXED, CER .....	EA	2
4	144	PAHZZ	5905-00-432-6376	81349	RNC5K210OFS	RESISTOR, FIXED, FILM .....	EA	1
4	145	XBHZZ		74840	25T20C	CAPACITOR, FIXED, ELECT .....	EA	4
4	146	XBHZZ	5910-01-031-047	81349	CMR05F331G0DR	CAPACITOR, FIXED, MIC .....	EA	1
4	147	PAHZZ	8905-00-113-4856	81349	RCRZOG20JS	RESISTOR, FIXED, COMP .....	EA	1
4	148	PAHZZ	5962-0-006-7938	27014	LM80N	MICROCIRCUIT, LINEAR .....	EA	1
4	149	PAHZZ	5905-00-107-0656	81349	RCR07G00JS	RESISTOR, FIXED, COMP .....	EA	1
4	150	XBHZZ	91D-01-013-7090	56289	1960474X9035HA1	CAPACITOR, FIXED, ELE .....	EA	1
4	151	PAHZZ	905-00-196-6868	81349	RNC55KI302FS	RESISTOR, FIXED, FILM .....	EA	1
4	152	PAHZZ	5905-00-264-4148	81349	RNC55K5761FS	RESISTOR, FIXED, FILM .....	EA	1
4	153	PAHZZ	5905-00-412-0819	81349	RNC5SK3L62FS	RESISTOR, FIXED, FILM .....	EA	1
4	154	PAHZZ	5905-00-432-048	81349	RNC55KO22FS	RESISTOR, FIXED, FILM .....	EA	1
4	155	XBHZZ		27556	BVB8333JF	CAPACITOR, FIXED, ELECT .....	EA	1
41	56	PAHZZ	5905-00-112-0985	81349	RNC55K4S75IFS	RESISTOR, FIXED, FILM .....	EA	6

SECTION II

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
4	157	PAHZZ	5905-00-451-2231	81349	RNC55K2152FS	RESISTOR, FIXED, FILM.....	EA	3
4	158	XBHZZ	5910-00-983-5388	71590	DD100	CAPACITOR, FXD, CERAM.....	EA	3
4	159	PAHZZ	5910-00-053-1469	71590	DD222	CAPACITOR, FXD, CERAM.....	EA	1
4	160	PAHZ	5905-00-208-4786	81349	RNC55K4321FS	RESISTOR, FIXED, FILM.....	EA	1
4	161	PAHZZ	5905-00-3TL-9627	81349	RNC55K4422FS	RESISTOR, FIXED, FILM.....	EA	1
4	162	PAHZZ	5905-00-004-61L8	81349	RNC55K502FS	RESISTOR, FIXED, FILM.....	EA	3
4	163	XBHZZ		27556	BV2B1O2F	CAPACITOR, FXD, ELEC.....	EA	2
4	164	PAHZZ		81349	RNC55K913FS	RESISTOR, FIXED, FILM.....	EA	1
4	165	PHZZ	5905-00-260-2622	81349	RNC55K6982FS	RESISTOR, FIXED, FILM.....	EA	1
4	166	PAHZZ		50137	971600065	SWIICH ASSEMBLY.....	EA	1
4	167	XAHZZ		50137	PT1122-004-02	PRINTED WIRING BD.....	EA	1
<b>29</b>								



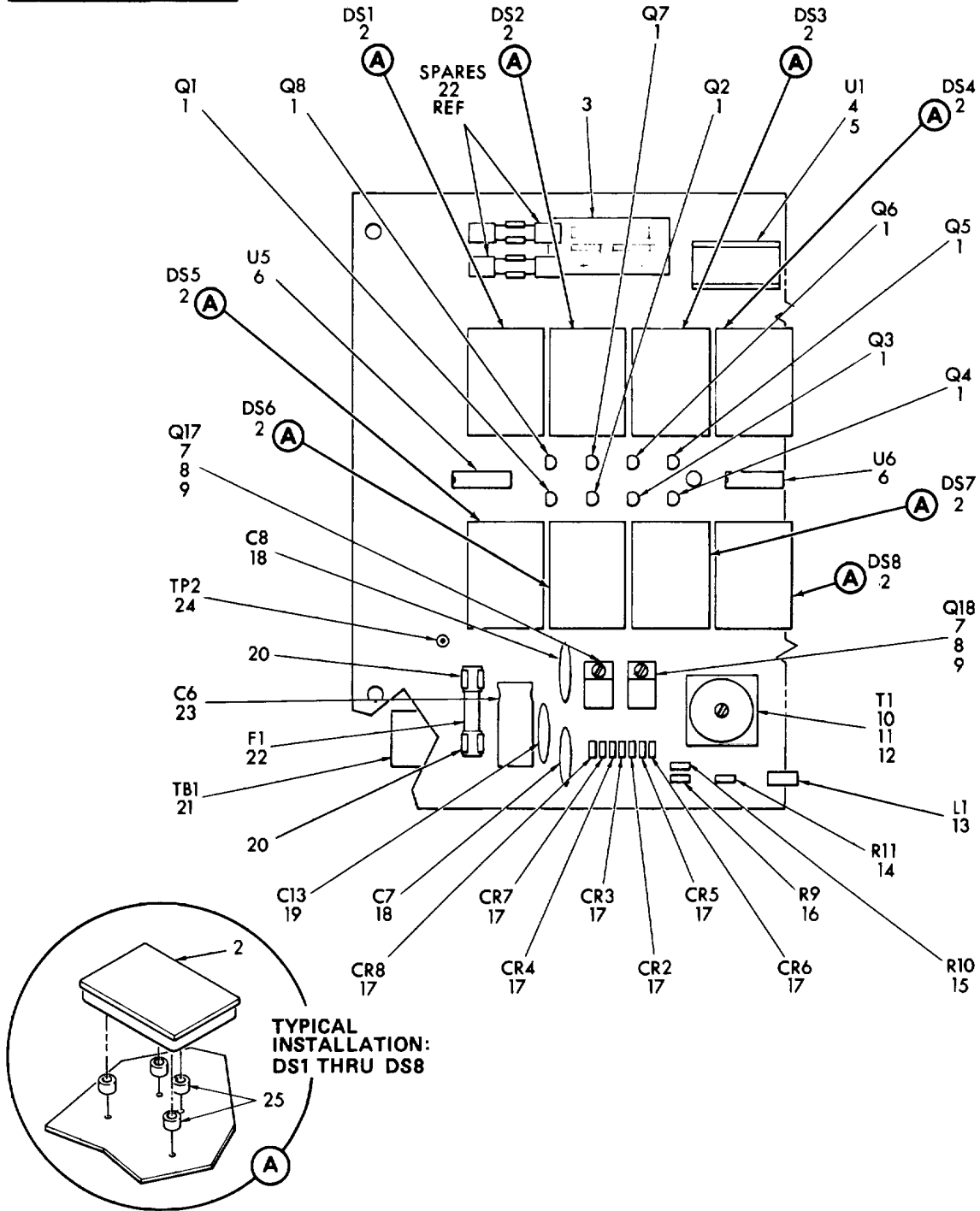
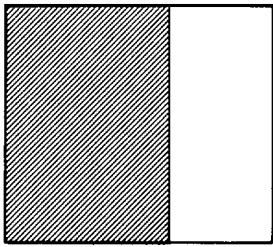
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Figure 5. Indicator, Digital Display, ID-2233/U

SECTION II

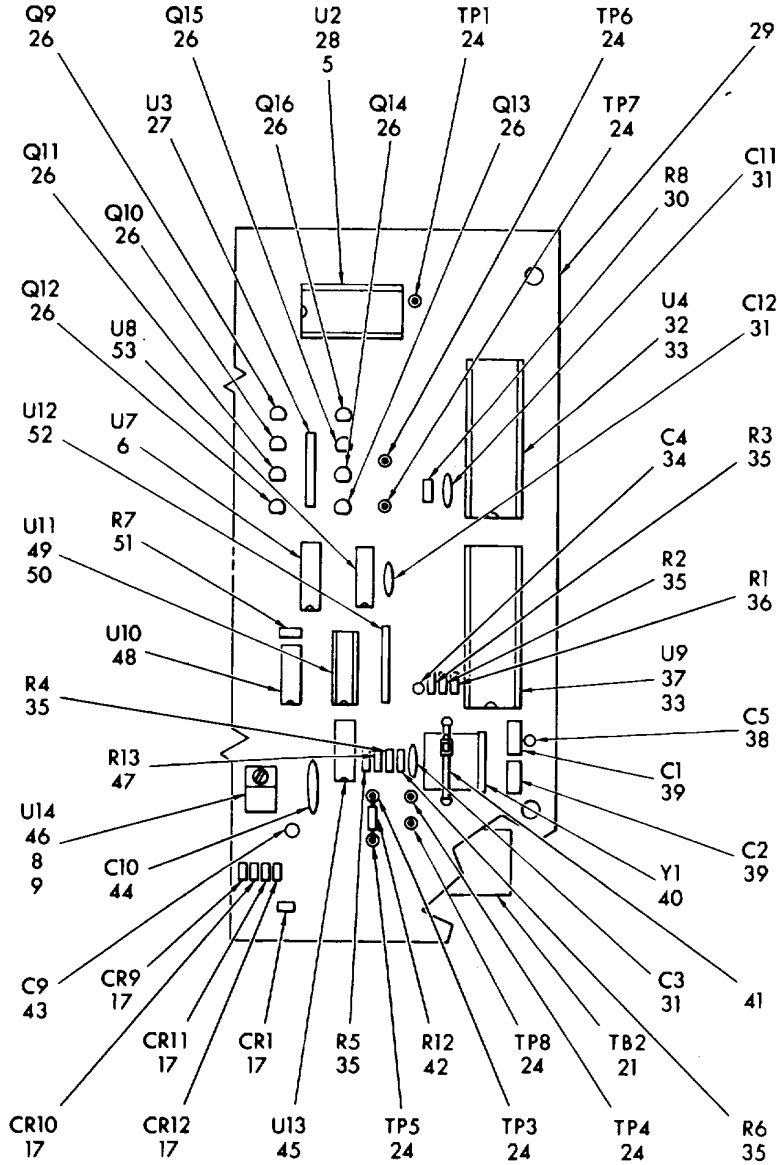
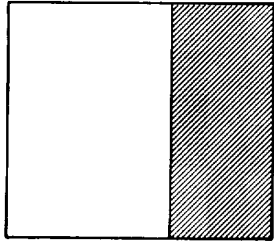
TM 11-5895-1081-40P/E2137-BV-PLL-040/5103 TS3853/T0 31S5-2G-234

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 02 INDICATOR, DIGITAL DISPLAY ID-2233/U		
5	1	XAHZL		50137	F11Z22022S	CHASSIS,ELEC EQPT.....	EA	1
5	2	PAHZZ	5305-00-054 -6652	96906	MS51957-28	SCREW, MACHINE .....	EA	4
5	3	XAHZZ		50137	F12202501	COVER.....	EA	1
5	4	PAHZZ	5305-00-054-6652	96906	MS51957-28	SCREW, MACHINE .....	EA	8
5	5	XBHZZ		50137	F11400901	WINDOW .....	EA	1
5	6	PAHZZ	5305-00-S05-6649	96906	MSS1957-25	SCREW, MACHINE .....	EA	5
5	7	PAHZZ	5310-00-616-3555	96906	AS35333-71	WASHER, LOCK.....	E A	5
5	8	XAHHH		50137	P1122-0Z2-0	CIRCUIT CD ASSY .....	E A	1
5	9	PAHZZ:	53L0-00-06J-7360	78189	511-061800-00	NUT, PLAIN, ASSEMBLED.....	EA	8
5	10	PAHZZ	5305-00-054-6649	96906	NS5195T-25	SCREW, MACHINE .....	EA	4
5	11	XSHZZ		50137	F1001O5402	BRACKET, MOUNTING .....	EA	1
					<b>31/(32 blank)</b>			



EL6KW016

Figure 6. Circuit Card Assembly, P1122-022-01 (Sheet 1 of 2)



EL6KW017

Figure 6. Circuit Card Assembly, P1122-02201 (Sheet 2 of 2)

## SECTION II

TM 11-5895-1081-40P/E2137-BV-PLL-040/5103 TS3853/T0 31S5-2G-234

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP 0201 CIRCUIT CARD ASSEMBLY, P1122-022 -01		
6	1	XBHZZ		O4713	MPA93	TRANSISTOR .....	EA	8
6	2	PAHZZ		73138	SP101	DISPLAY, PROGRAMMED .....	EA	6
6	3	XBHZZ		50137	P1145-121-01	LABEL, WARNING .....	EA	1
6	4	PAHZZ	5962-01-037-7671	34649	P8112	MICROCIRCUIT,DIGITAL .....	EA	1
6	5	XBHZZ		00179	640361-1	SOCKET, MICROCIRCUIT .....	EA	2
6	6	XBHZZ		73138	898-3-R2-2	RESISTOR NETWORK.....	EA	3
6	7	PAHZZ	5961-01-012-4268	01295	TIP47	TRANSISTOR .....	EA	2
6	8	PAHZZ	5310-00-836-3520	78189	511-O41800-00	NUT, PLAIN, ASSEMBLED.....	EA	3
6	9	PAHZZ	5305-00-05-O0510	96906	NS51958-13	SCREW, MACHINE .....	EA	3
6	10	XBHZZ		50137	971900060	TRANSFORMER.....	EA	1
6	11	PAHZZ	5310-00-063-7360	78189	511-061800-00	NUT ,PLAIN, ASSEMBLED.....	EA	1
6	12	PAHZZ	5305-00-TOI-505	96906	HS51958-33	SCREW, MACHINE .....	EA	1
6	13	PAHZZ	5950-00 -833-7820	72259	WEE470	COIL, RADIO FREQUENCY .....	EA	1
6	14	PAHZZ	5905-0t-138-7008	81349	RNC55H8252FS	RESISTOR, FIXED, FILM I .....	EA	1
6	15	PAHZZ	5905-00-111-4727	81349	RCRO7G2t2JS	RESISTOR, FIXED, COMP .....	EA	1
6	16	PAHZZ	5905-00-106-9356	81349	RCK07G03JS	RESISTOR, FIXED, COMP .....	EA	1
6	17	PAHZZ	5961-00-723-3602	8139	JANN3612	SEMICONDUCTOR DEVIC.....	EA	12
6	18	PAHZZ	5910-00-T84-0696	56289	5GAPLO	CAPACITOR FIXED, CER.....	EA	2
6	19	PAHZZ	5910-00-989-9450	56289	33C4186	CAPACITOR, FIXED ,CER.....	EA	2
6	20	PAHZZ	5999-00-2i4-16B9	15915	L02068	CLIP, ELECTRICAL .....	EA	2
6	21	XBHZZ		52458	20220 2-07	TERMINAL BLOCK .....	EA	2
6	22	PAHZZ	5920-00-280-4181	75915	312-250	FUSE, CARTRIDGE.....	EA	1
6	23	PAZZ		7840	476TTA100A	CAPACITOR, FIXED ,EL.....	EA	1
6	24	XBHZZ		00779	86147-2	TERMINAL, STANDOFF .....	EA	8
6	25	XBHZZ		83330	4000	SPACER, NYLON .....	EA	32
6	26	XBHZZ		00195		ST5058 TRANSISTOR .....	EA	8
6	27	XBHZZ		73138	785-I-RK	RESISTOR NETWORK, FI.....	EA	1
6	28	XBHZZ		34649	D3624A	MICROCIRCUIT ,PROM .....	EA	1
6	29	XAHZZ		50137	PLL22-023-01	PRINTED WIRING BD .....	EA	1
6	30	PAHZZ	5905-00-141-0717	81349	RCRO7G473JS	RESISIOR FIXED, COMP .....	EA	1
6	31	PAHZ	5910-00-225-7329	71590	UK10-104	CAPACITOR, FIXED, CER.....	EA	3
6	32	XBHZZ	5962-01-078-0468	14936	AY-3-10150	MICROCIRCUIT,DGTL I.....	EA	1
6	33	XBHZZ		73803	C93-40-02	SOCKET, PLUG-IN-ELEC.....	EA	2
6	34	PAHZZ	5910-00-199-7595	56289	96DL05X9035HAI	CAPACITOR ,FIX, ELE .....	EA	1
6	35	PAHZZ	5905-00-106-3666	81349	RC507G103JS	RESISTOR, FIXED ,COMP .....	EA	5
6	36	PAHZ	5905-00-110-7620	81349	RCRO OG102JS	RESISTOR, FIXED, COMP .....	EA	1
6	37	XBHZZ		34649	08035-	MICROCIRCUIT, ROM.....	EA	1
6	38	PAHZZ	59L0-00-361-8665	56289	196ZSX9025HAL	CAPACITOR, FIXED, ELE .....	EA	1



SECTION II

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
6	39	PAHZZ	591 0-00-005-3468	81349	CHR05EZ20 JOD	CAPACIT, FIXED, MIC .....	EA	2
6	40	XBHZZ		00809	A330FM-25	CRYSTAL .....	EA	1
6	41	XBZZ	5975-01-044-3379	06383	PLT1M	STRAP, TIEDOWN, ELEC.....	EA	1
6	42	PAHZZ		81349	RCR07GSATJS	RESISTOR ,FIXED, COM.....	EA	1
6	43	PAHZZ	5910-00-432-6965	50289	96106X902OJAL	CAPACITOR, FIXED, ELE.....	EA	1
6	44	PAHZZ	5910-00-782-7614	56289	HS 550	CAPACITOR, FIXED, CER.....	EA	1
6	45	XBHZZ		27014	LM399N	MICROCIRCUIT, LINEAR.....	EA	1
6	46	PAHZZ	5962-00-365-5977	07263	7805UC	MICROCIRCUIT, LINEAR.....	EA	1
6	47	PAHZZ	5905-00-116-8555	81349	KCROctG53JS	RESISTOR, FIXED, COMP .....	EA	1
6	48	XBHZZ		73138	989-3R75	RESISTOR, NETWORK, FI.....	EA	1
6	49	XBHZZ		56289	UHP482	MICROCIRCUIT, INTFC.....	EA	1
6	50	XBHZZ		01295	C84-18-02	SOCKET, MICROCIRCUIT.....	EA	1
6	51	PAHZZ	5905-00-L06-9357	81349	RCR07G750JS	RESISTOR, FIXED, COM.....	EA	1
6	52	XRHZZ		73138	785-1-RI	RESISTOR NETWORK, FI.....	EA	1
6	53	XBHZZ	596Z-01-304-8505	01295	57 SN74141N	MICROCIRCUIT ,DIGITA.....	EA	1

## SECTION IV

TM 11-5895-1081-40P/E2137-BV-PLL-040/5103 TS3853/T0 31S5-2G-234  
NATIONAL STOCK AND PART NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5910-00-001-7251	4	57	5325-00-276-6091	2	4
5905-00-004-6118	4	162	5920-00-1280-4181	6	22
5910-00-005-3468	4	133	5910-00-299-2276	4	106
5910-00-005-3468	6	39	962-00-299-8041	2	17
5910-00-053-1469	4	159	905-J0-J17-3812	4	48
5305-00-054-5649	12		5905-J-31T-9627	4	161
5305-00-054-6649	5	6	1940-00-Ja1-4984	2	29
5305-00-054-6649	5	10	110-00-325-F7132	4	6
5305-00-054-6650	2	5	599-00-336-9875	2	24
5305-00-054-6651	3	17	999-00-338-9879	2	1
5305-00-054-6652	2	13	910-00-34-1923	4	142
5305-00-054-6652	2	21	50-00-361-8665	6	38
5305-00-054-6652	3	10	5962-00-365-5977	2	36
5305-00-054-6652	5	2	5962-00-J65-5977	6	46
5305-00-054-6652	5	4	5961-00-c4-5537	4	172
5305-00-054-6655	2	10	5905-0-41-C819	4	153
5305-00-057-0510	6	9	5964-00-412-1023	4	124
5930-00-063-6820	3	21	1905-00-425-1911	4	74
5310-00-063-7360	2	8	5C5-0-0-41-5161	4	53
5310-00-063-7360	3	1	5905-00-431-7817	4	112
5310-00-063-7360	5	9	5905-00-431-7825	4	62
5310-00-063-7360	6	11	1S05-J0-4c-1830	4	17
5961-00-064-3254	2	39	5905-00-432-0380	4	14
590-00-068-8562	4	117	5S05-00-412-0381	4	11
5305-00-071-1319	1	6	5905-00-432-0387	4	6
5905-00-104-8368	4	18	5905-00-432-0401	4	75
5905-00-104-3666	4	63	5905-00-32-0402	4	10
5905-00-106-3666	6	35	5905-00-432-0410	4	76
5905-00-106-9356	4	51	5905-00-4-32-0418	4	154
5905-00-106-9356	6	16	59c5-00-432-0420	4	55
5905-00-106-9357	6	51	5905-00-432-0421	4	120
5905-00-107-0656	4	149	1905-00-432-0422	4	26
5905-00-110-0388	4	23	5905-00-43-0425	4	1
5905-00-110-7620	6	36	5905-00-432-0426	4	45
5961-00-110-9356	4	56	5905-00-432-0C430	4	19
5905-00-111-4727	6	15	905-00-43-6316	4	144
5905-00-111-4845	4	111	L905-00-43Z-6377	4	37
5905-00-112-0985	4	156	5905-0-432-6389	4	3
5905-00-113-4856	4	147	510-00-432-6965	4	25
5905-00-116-2394	4	121	110A-00-432-6965	6	43
5905-00-116-8555	6	47	1905-00-451-2231	4	157
5905-00-119-812	4	69	5905-0-451-7275	4	49
5905-00-135-6046	4	33	905-00-479-3990	4	12
5905-00-136-3890	4	127	5905-00-981-1327	4	38
5905-00-137-0804	4	128	1905-00-481-1332	4	140
5905-00-138-7008	6	14	5S62-00-487-8547	4	100
5310-00-138-9806	3	8	1942-00-4-1-8474	4	118
5905-00-140-7143	4	116	1920-0-4-87-634	2	14
5905-00-141-0717	4	83	0sc5-0-4163S1	4	44
5905-00-141-0717	6	30	5905-00-5-11674	2	3
5905-00-141-1183	4	32	0SC5-00-548-0907	4	67
5905-00-142-0957	4	141	5910-00-554-9612	4	109
5905-00-146-4122	4	31	5935-00-568-2849	4	101
5941-00-144-8292	4	73	9190-00-581-1152	4	11
5962-00-172-5583	4	20	310-00-595-6211	3	5
5310-00-180-0277	3	13	5310-00-616-3555	27	6
5905-00-189-2456	4	110	5J10-00-414-3511	5	7
5935-00-194-3079	3	23	505-00-7101-5051	6	12
5905-00-196-6868	4	151	5310-00-114-5612	2	33
5910-00-199-7595	4	136	1905-00-1-1-3717	4	60
5910-00-199-7595	6	34	5961-00-723-3602	4	99
5962-00-200-1990	4	68	5961-00-723-3602	6	17
5905-00-200-4293	4	58	5905-00-758-3115	4	39
5905-00-208-4786	4	160	5910-00-782-1635	4	125
5310-00-209-1366	3	11	5510-00-782-7614	4	143
5905-00-211-1889	4	50	0190-00-782-7614	6	44
5999-00-214-1689	4	20	5910-00-784-0696	6	18
5910-00-225-7329	4	84	5970-00-809-7088	2	32
5910-00-225-7329	6	31	5910-00-811-2368	4	123
5935-30-233-672	2	16	5940-00-81-2093	2	28
5910-00-241-6513	4	107	5950-00-836-7820	6	13
5905-00-250-5839	4	7	5310-00-836-3520	2	19
5905-00-250-5986	4	8	5310-00-85-3520	3	4
5905-00-250-6007	4	95	5310-00-83-3520	6	8
5905-00-250-6220	4	24	5320-00-12-9311	2	15
5905-00-259-4589	4	40	45-00-8-96-7651	4	139
5905-00-259-4640	4	41	191-00-921-3781	2	41
5905-00-260-2622	4	165	1961-00-92-3940	4	2
5905-00-264-4148	4	152	910-00-91-3682	4	78
5905-00-273-9828	4	98	5961-00-92-0237	4	30

## SECTION IV

TM 11-5895-1081-40P/E2137-BV-PLL-040/5103 TS3853/T0 31S5-2G-234  
NATIONAL STOCK AND PART NUMBER INDEX

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM
5961-00-93-4026	4	79	5962-01-024-0985	4	93
5310-00-934-9761	1	5	5910-01-027-8978	4	36
5961-00-935-5085	4	64	5910-01-031-0447	4	146
5961-00-938-1135	4	9	5962-00-033-2279	4	92
5910-00-983-5388	4	158	5962-01-03 176711	6	4
5910-00-989-9450	6	19	5910-01-042-7567	4	91
5962-01-004-8505	6	53	5910-01-043-6892	4	113
6150-01-004-8773	1	2	5915-0 044-33 79	4	82
5962-01-006-7938	4	148	5975-01-044-3379	6	41
5961-01-012-4268	6	7	F110-01-U53-6833	4	26
59 10-01-01L3-7090	4	150	5S10-0-.068-2674	4	97
5905-01-018-4514	4	96	I962-01-78-04668	6	32
5905-01-022-2380	4	66			

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.	FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
88044	AN931-11-16	2	4	27014	LM399N	6	45
14936	AY-3-10150	6	32	50521	MAN4610A	3	26
00809	A833FMD-25	6	40	04713	UPSA12	4	73
01295	A5T50586	6	26	04713	MPSA J	6	1
00656	BCDI-1-3R3P	4	109	75378	MPOJO	4	134
27556	BV2A103J	4	47	96906	MSL5195-803	3	5
27556	8 V2Bio2F	4	163	96906	NS25082-C20	3	8
27556	BV28103F	4	16	96906	NS35333-71	2	6
27556	BV2224F	4	61	96906	M53536J-71	5	7
21556	BV28333F	4	155	96906	M535331-76	3	13
27556	V2B 334F	4	21	96906	MS35315-58	3	11
27556	BV28473F	4	22	96906	MS35649-264	1	5
25088	841283/470/16/81000	4	102	96906	MS36333-70	2	20
02735	CA3046	4	124	96906	MS51859-2	2	33
02735	CA3081	4	68	96906	MS51957-15	2	12
14655	C015FD471G03	4	78	96906	MS51957-18	2	21
02735	C040018BF	4	90	96906	MS51957-25	5	6
02735	C0401380/3	4	92	96906	MS51957-25	5	10
02735	CD40258F	4	138	96906	MS51957-26	2	5
02735	C040288F	4	85	96906	MS51957-27	3	17
81349	C MR C5C1000ODR	4	126	96906	5MS51957-28	2	13
81349	CNMR05E220JODM	4	133	96906	5MS51951-28	3	10
81349	CMR05E220JODM	6	39	96906	MS5157-28	5	2
81349	CMR05I750JODM	4	97	96906	MS51951-28	5	4
81349	COR 05E820JODM	4	129	96906	MS51951-31	2	10
81349	CMRO05FOIGOOR	4	113	96906	MS51958-13	6	9
81349	CMR 05F331GODR	4	146	96906	MS51958-33	6	12
34649	C8212	4	93	96906	MS51960-61	1	6
01295	C84-18-02	6	50	96906	NMS7706-3	2	28
73803	C93-40-02	4	89	01121	MT2 102	4	29
73803	C 93-40-02	6	33	01121	MT2W1O3	4	35
71590	00050	4	123	01121	MT2W203	4	42
T1590	00100	4	158	01121	MTW203	4	5
71590	00102	4	107	01121	MT2W502	4	54
11590	oa222	4	159	29309	NA-3-35-46-	4	1
71590	00330	4	142	28331	PCT6931	2	22
11856	DG20OCJ	4	114	07263	PE6020	4	59
34649	D2716	4	70	70674	PJ339	3	23
34649	Q3624A	6	28	06383	PLCIK-S4	2	23
4649	D8035-8	6	37	06383	PLTLI	4	82
34649	D8279	4	88	06383	PLTIM	6	1
54473	EAS-PO1S-T	2	3	50137	PT11122-004-02	4	167
54473	ECE-A16V222U	2	38	50137	P1120-014-01	3	24
54473	ECE-A25VIOL	2	43	50137	P1120-031-01	3	16
54473	ECE-A35V470LU	2	42	50137	P110-032-01	3	25
81349	FHNZIG1	2	15	50137	P 1122-002-02	1	3
31918	FSCBLK	3	18	50137	PL1122-00-02	3	19
50137	F100105402	5	11	50137	P1122-005-01	3	1i
50137	F112202402	5	1	50137	P1122-OI-o01	3	15
50137	F114006901	3	5	50137	P1U22-008-01	3	22
50137	F12202501	5	3	50137	P1122-009-01	3	20
18583	GFT-2	2	9	50137	P1122-014-02	1	1
18583	GFT-5	2	17	50137	P 122-015-01	2	34
56289	HY550	4	143	50137	P 112 016-01	2	40
56289	HY550	6	44	50137	P1122-17-01	2	7
81349	JANIN3612	4	99	50137	P112-L019-01	3	9
81349	JAN1N3612	6	17	50137	P L1122-020-01	2	18
81349	JANIN4148	4	9	50137	P1122-022-01	5	8
81349	JANtiN825	4	2	50137	P1122-003-C1	6	29
81349	JAN2N2369A 4		30	50137	PIIZ-035-01	1	4
27014	LM1458N	4	20	50137	P112-'037-02	2	11
21014	LM380N	4	148	50137	P1145112-01	6	3

STOCK NUMBER	FIG.	ITEM	STOCK NUMBER	FIG.	ITEM			
34649		P8212	4	4	81349	RWR749N5000BM	4	1*0
81549		RCR07GSATJS	6	42	81349	RWR749000BM	4	131
81349		RCR07GLOOJS	4	149	14298	SEL-8-11LOHMSBC2	4	b5
81349		RCR07GIOIJS	4	32	01295	SN74141N	6	53
81349		RCR07G102JS	6	36	73138	SPFO1	6	2
81349		RCR07G103OJS	4	63	01295	TIP47	6	7
81349		RCR07G103JS	6	35	01295	TLO82CJG	4	104
81349		RCR07G104JS	4	23	01295	TLO82CJG	4	1
81349		RCR07GL21 JS	4	69	01263	UAI5IHC	4	108
81349		RCR07G1153JS	6	47	07263	UA1741TC	4	34
81349		RCR07GO201JS	4	111	07263	UA748IC	4	115
81349		RCR07G203JS	4	51	07263	UA7915JC	2	35
81349		RCR07G203OJS	6	16	56289	UHP482	6	49
81349		RCR07G272JS	6	15	71590	UKIO-104	4	84
81349		RCR07G470JS	4	18	71590	UKIO-104	6	31
81349		ICR07G473JS	4	83	71590	UK25-503	4	6
81349		RCR07G473JS	6	30	72259	WEE470	6	13
81349		RCR07G511JS	4	121	52063	XR2206P	4	27
81349		RCR07G513JS	4	127	27556	LZACU5J	4	57
81349		RCR07G681JS	4	33	27556	ZA2CL 06 4	4	81
81349		RCR07G750JS	6	51	21556	ZA2446J	4	103
81349		RCR20G200JS	4	147	06141	015-01-0 044	4	117
01295		RM4136J-00	4	100	28480	0160-2496	4	106
01295		RM4136J-00	4	118	21264	02-0611U3	2	1
R1349		RNC 55H8252F S	6	14	27264	02-06-2L03	2	24
81349		RNCs5K1000F S	4	14	21264	03-06-1O2	2	2
81349		RNC55K100IFS	4	11	27264	03-06-2023	2	25
81349		RNC SKIOOL2F S	4	12	80131	IN4001	2	41
81349		RNC 55IOO3FS	4	58	80131	LN4136A 4	4	79
81349		RNC 55K1004F S	4	96	50137	C001-053-02	1	7
81349		RNC 55KIO72F S	4	112	88176	100 1 1-045	4	125
81349		RNC 55K103F S	4	38	31951	101-001-12	4	139
81349		RNCSSK1211FS	4	74	08730	1014-2-B	3	12
81349		RNC55K112F S	4	62	15915	102068	6	20
81349		RNC55K1302FS	4	151	8333U	137	2	29
81349		RNC 55K1332F S	4	46	16428	11250	1	2
81349		RNC 55K1371F S	4	48	16428	17252	2	16
81349		RNC55K1402FS	4	53	19315	1889406-2	2	39
81349		RNC55K1502F S	4	162	56289	196D 105X9035HA1	6	136
81349		RNC 55K1 742FS	4	50	56289	1964105X90353HA	6	34
- 81349		RNC55K1911FS	4	41	56289	196D1046X902JA1	4	25
81349		RNC55K193FS	4	164	54289	196010C49020JAI	4	4
81349		RNC 55K200F S	4	75	56289	1961017X901OPE4	4	91
81349		RNC 55K2002F S	4	10	56289	1960225X9025HAL	6	38
81349		RNC 55K2003F S	4	39	56289	196D22 X9004PE4	4	15
81349		RNC 55K21001FS	4	144	56289	196U474X9035HA11	4	150
81349		RNC 55K2152F S	4	157	54289	96U476X902OPE 4	4	36
81349		RNC55K2321F S	4	37	66289	196U680X MO16KA1	4	101
81349		RNC55K2492F S	4	7	780131	2N4356	4	64
1349		RNC 55K2800F S	4	76	80131	2N4391	4	56
81349		RNC 55K3012F S	4	141	80131	2N5081	4	72
81349		RNCSSK3162FS	4	153	80131	2Nu5210	4	71
81349		RNC 55K332 IF S	4	116	52458	202202-07	6	21
81349		RNC 55K3832FS	4	60	74840	25sOLc	4	145
81349		P NC 55 K4022FS	4	154	34649	2716	4	86
81349		RNC55K4221F S	4	17	75915	312-250	0	12
81349		RNC55K4321FS	4	160	75915	313-25r	2	14
81349		RNC55K4422F S	4	161	56289	33C4186	6	19
81349		RNC55K4532F S	4	95	50137	4-18	4	135
81349		RNC 55K4751F S	4	156	83330	4000	2	30
81349		RNC 55K4752F S	4	24	83330	4C00	3	6
81349		RNC55K487IFS	4	44	83330	4000	6	2
81349		RNC55K4990FS	4	55	74840	4176TTA00A	6	23
81349		RNC55K4991F5	4	120	56289	5GAP10	6	18
81349		RNC55K4992F 5	4	8	78189	511-041800-00	2	19
81349		RNC55K5111FS	4	26	78189	51 -041800-OC	3	4
81349		RNC55K513F S	4	31	78189	511-041800-00	4	8
81349		RNC 55K5761F S	4	152	71889	511-11800-00	2	8
81349		RNC 55K5900F S	4	40	78189	511-061800-UC	3	1
81349		RNC55K6040F5	4	1	18189	511-064100-CC	5	9
81349		RNC55K3641F 5	4	98	78189	511-0 1800-CC	6	11
81349		RNC55K6491FS	4	45	00779	583640-1	4	119
81349		RNC55K68 IF	4	49	00779	583649-7	2	26
81349		RNC 55K6982F 5	4	145	00179	583859-7	2	27
81349		RNC 55K7501FS	4	3	55112	60HLOSJ05J0	4	5
81349		RNC55K8061F S	4	19	00779	640357-1	4	105
81349		RNC 55K9092F S	4	140	00779	64058-1-	4	28
81349		RNC60KIOO2FS	4	66	00779	640361-1	6	87
81349		RNC 60K1003FS	4	128	00,79	640361-1	6	5
81349		RNC 60K1 03FS	4	110	73138	8wR 104	4	122

**SECTION IV**

**TM 11-5895-1081-40P/E2137-BV-PLL-040/5103 TS3853/T0 31S5-2G-234  
NATIONAL STOCK AND PART NUMBER INDEX**

STOCK NUMBER		FIG.	ITEM	STOCK NUMBER		FIG.	ITEM
73138	68WR501	4	13	34649	8253	4	94
09353	7201SYZQ	3	21	00779	86147-2	6	24
99974	7274777	2	32	73138	898-3-R2-2	6	6
73138	7286R iOK-21	3	2	731 38	898-3R10K	4	67
55285	1403-o9FR-sZ	2	31	73L 38	899-3R75	6	48
07263	7805tR	2	36	50137	9L1600063	4	43
07263	7805UC	6	46	50137	971690064	4	132
07263	7815UC	2	37	50137	97L600065	4	10:
73138	785-1-RIK	6	27	50137	971600080	3	7
73138	785-1-RIOK	6	52	50137	9I7T00050	4	80
34649	8035-8	4	137	50137	97L900o60	6	10
73138	8106	3	3				

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN... JOT DOWN THE DOPE ABOUT IT ON THIS FORM, CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

**SOMETHING WRONG WITH THIS PUBLICATION?**

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

TM 11-5825-270-10

PUBLICATION DATE

23 Jul 81

PUBLICATION TITLE

Radio Frequency R-2176/FRN

BE EXACT... PIN-POINT WHERE IT IS

PAGE NO.

PARA-GRAPH

FIGURE NO.

TABLE NO.

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

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

DA FORM 2028-2  
1 JUL 79

PREVIOUS EDITIONS ARE OBSOLETE.

P.S.—IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

