

TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT  
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS  
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOLS)  
FOR  
DETECTING SET, INFRARED-AN/AAS-24  
(NSN 5850-00-179-8429)

This copy is a reprint which includes current  
pages from Change 1.

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LISTS  
(INCLUDING D-POI MAINTENANCE REPAIR PARTS  
AND SPECIAL TOOLS)  
FOR  
DETECTING SET, INFRARED AN/AAS-24  
(NSN 5850-00-179-8429)**

*Basic manual is current as of 19 November 1974  
Change 1 is current as of 17 August 1979*

		Page	Illus Figure	
SECTION	I.	Introduction .....	1-1	
	II.	Repair parts list .....	2-1	
		Detecting Set, Infrared AN/AAS-24 .....	2-1	1
Group	1	Receiver, Infrared R-1615/AAS-24 .....	2-1	2
		1A1 Receiver synchronization and roll compensation electronics assembly .....	2-4	3
		1A1A1 Oscillator, 36-kHz reference. ....	2-10	4
		1A1A2 Amplifier, coarse and fine synchronization No. 1 .....	2-10	5
		1A1A3 Amplifier, fine synchronization No. 2 .....	2-13	6
		1A1A4 Detector, rate assembly .....	2-15	7
		1A1A5 Detector, fine phase. ....	2-17	8
		1A1A6 Controller, receiver synchronization assembly .....	2-19	9
		1A1A7 Driver, Motor .....	2-21	10
		1A1A8 Demodulator, synchronous assembly .....	2-23	11
		1A1A9 Amplifier, roll power assembly .....	2-23	12
		1A1A10 Generator, roll limit sensor and sample pulse .....	2-26	13
		1A1A11 Detector, test lamp driver and gyro limit .....	2-28	14
		1A1A12 Receiver synchronization and roll compensation heat-sink assembly .....	2-30	15
		1A2 Receiver video preamplifier assembly .....	2-30	16
		1A2A1 Detector, code spike .....	2-33	17
		A1A2A2 thru 1A2A9 Preamplifier video channels 1 through 8 .....	2-33	18
		1A3 Refrigerator, Cryogenic Assembly HD-868/AAS-24 .....	2-36	19
		1A4 Roll compensation assembly .....	2-39	20
		1A4A5 Capacitor assembly .....	2-43	20
		1A5 Filter wheel assembly .....	2-43	21
		1A6 Cooler relay assembly .....	2-45	22
		1A6A1 Control, cooler relay .....	2-47	23
		1A7 Self-test lamp assembly .....	2-47	24
		1A8 Motor connector and mount assembly .....	2-50	25
		1B1 Motor, scan mirror drive .....	2-50	2
	2	Detecting Set MX-8357/AAS-24 .....	2-50	26
		2A1 thru 2A8 Processor, video channels 1 through 8 .....	2-53	27
		2A9 Generator, automatic gain control and nonlinear breakpoints .....	2-55	28
		2A10 Generator, gate buffer and clamp .....	2-57	29
		2A11 Logic No. 1, BIT .....	2-60	30
		2A12 Logic No. 2, BIT .....	2-60	31
		2A13 Amplifier, video summing .....	2-62	32
		2A14 Driver, data link video line .....	2-62	33
		2A15, 2A16 Detector, hot target .....	2-65	34
		2A17 Processor, hot target .....	2-67	35

\*This manual supersedes TM 11-5850-241-35P, 26 June 1971.

	<i>Page</i>	<i>Illus Figure</i>
2A18 Processor, BIT video.....	2-69	36
2A19 BIT, roll stabilization .....	2-69	37
2A21 Drivers, BIT indicators .....	2-72	38
3 Recorder Group, Infrared OA-8511/AAS-24 .....	2-72	39
3A1 Recorder Subassembly MX-8356/AAS-24 .....	2-72	40
3A1MP61 Rotating drum assembly, recorder .....	2-77	41
3A1A1 Recorder synchronization electronics assembly .....	2-77	42
3A1A1A1 Amplifier, coarse and fine phase No. 1 .....	2-81	5
3A1A1A2 Amplifier, fine phase No. 2 .....	2-81	6
3A1A1A3 Detector, rate .....	2-81	7
3A1A1A4 Detector, coarse phase.....	2-81	43
3A1A1A5 Detector, fine phase .....	2-83	8
3A1A1A6 Controller, recorder synchronization .....	2-83	44
3A1A1A7 Driver, motor.....	2-83	10
3A1A1A8 Generator, gate.....	2-83	45
3A1A2 Recorder synchronization electronics heatsink assembly .....	2-86	46
3A1A3 Light emitting diode, power supply assembly .....	2-89	47
3A1A3A1 Light emitting diode, power supply.....	2-89	48
3A1A4 Housing assembly .....	2-89	49
3A1A4A1, 3A1A4A2 Driver, light emitting diode (channels 1 through 81 .....	2-92	50
3A1A4A3 Generator, pedestal and cosine .....	2-94	51
3A1A4A4 BIT No. 1, light emitting diode driver.....	2-96	52
3A1A4A5 BIT No. 2, light emitting diode driver.....	2-98	53
3A1A4A6 BIT, vertical/horizontal monitor and film fail .....	2-98	54
3A1A4A7 Amplifier, film drive servo .....	2-103	55
3A1A4A8 Amplifier, vertical/Horizontal servo.....	2-103	66
3A1A5 Light emitting diode and vertical/horizontal mask assembly .....	2-107	57
3A1A6 Recorder light source and sensor assembly .....	2-107	68
3A1A7, 3A1A7MP1 Data annotation ADAS recording head assembly.....	2-109	59
3A1A8 Film drive and vertical/horizontal servo amplifiers heatsink assembly.....	2-109	60
3A1B1 Motor.....	2-109	61
3A2 Magazine, Film MA-26/AAS-24 .....	2-109	62
3A2A1 Logic, slack loop.....	2-116	63
3A2A8 Film drive assembly.....	2-116	64
4 Power Supply PP-6270/AAS-24 .....	2-121	65
4A1 Protector, overvoltage.....	2-123	66
4A2 BIT, power supply .....	2-125	67
4A3 Regulator, +6 and -6 Vdc.....	2-127	68
4A4 Regulator, +13 and --13 Vdc.....	2-127	69
4A5 Regulator, +13 and -13 Vdc video .....	2-130	70
4A6 Regulator, +30 and -30 vdc.....	2-132	71
4A8 Power supply heatsink assembly .....	2-134	72
4A8A1 Protector, overvoltage.....	2-134	73
4A9 Power supply transformer assembly .....	2-134	74
4A10 Power supply line filter assembly .....	2-140	75
4A11 Power supply component shelf assembly .....	2-140	76
5 Compressor, Rotary HD-841/AAS-24.....	2-140	77
6 Case Film Magazine CY-6665/AAS-24.....	2-143	1
7 Converter Subassembly MK-8358/AAS-24 .....	2-143	78
7A1 Power supply, +250 vdc.....	2-147	79
7A2 Power supply, + 150 vdc.....	2-149	80
7A3 Power supply, + 15 vdc.....	2-152	81
7A4 Power supply, --15 vdc .....	2-152	82
7A5 Power supply, lc.....	2-154	83
7A6 Power supply, storage tube filament.....	2-156	84
7A7 Protector, storage tube .....	2 156	85
7A8 Adder, Slew and FOV .....	2-159	86
7A9 Generator, write horizontal sweep .....	2-163	87
7A10 Generator, erase vertical sweep.....	2-164	88
7A1 Generator, write vertical sweep .....	2-166	89
7A12 Generator, vertical/horizontal clock pulse .....	2-168	90
7A14 Logic, BIT.....	2-170	91
7A15 Generator, dither.....	2-170	92
7A16 Logic, auxiliary deflection.....	2-173	93
7A17 Amplifier, write video.....	2-176	94
7A18 Interface, synchronization .....	2-178	95

	<i>Page</i>	<i>Illus Figure</i>
7A19 Interface, video .....	2-178	96
7A20 Simulator, gate and video .....	2-181	97
7A21 Generator, read vertical sweep.....	2-183	98
7A22 Generator, read vertical synchronization .....	2-185	99
7A23 Generator, synchronization .....	2-187	100
7A24 Oscillator, 100 kHz .....	2-187	101
7A25 Converter subassembly heat-sink assembly.....	2-190	102
7A26 Converter subassembly component tray assembly.....	2-190	103
8 Converter, Video CV-2666/AAS 24.....	2-190	104
8A1 Converter assembly.....	2-197	104
8A1A1 Gating, auxiliary deflection.....	2-197	105
8A1A2 Amplifier, auxiliary deflection .....	2-198	106
8A1A3 Switch, write cathode.....	2-200	107
8A1A4 Switch, write grid .....	2-200	108
8A1A5 Amplifier, write horizontal deflection.....	2-203	109
8A1A6 Amplifier, write vertical deflection.....	2-205	110
8A1A7 Amplifier, read vertical deflection .....	2-207	111
8A1A8 Predriver, read horizontal deflection.....	2-209	112
8A1A9 Driver, read horizontal deflection .....	2-211	113
8A1A10 Control, write focus.....	2-213	114
8A1A11 Control, read focus .....	2-215	115
8A1A12 Deflection heatsink assembly.....	2-217	116
8A1PS1 Power supply, 4.4 kv .....	2-217	117
8A1PS1A1, A2, A3 Power supply, 4.4 kv and 1 kv.....	2-217	118
8A2 Shielded tube assembly .....	2-221	119
8A2A1 Interface, write yoke.....	2-223	120
8A2A2 Collector preamplifier assembly.....	2-223	121
8A2A2A1 Preamplifier, video .....	2-223	122
8A2A3 Decelerator assembly .....	2-230	123
8A2A4 Interface, read yoke.....	2-230	124
8A2A5 60-MHz oscillator assembly .....	2-230	125
8A2A5A1 Modulator 60 MHz .....	2-230	126
8A3 If assembly .....	2-235	127
8A3A1 If amplifier .....	2-235	128
8A3A2 If detector .....	2-235	129
8A4 Storage tube bias assembly.....	2-239	130
8A4A1 Bias storage electron tube .....	2-239	131
9 Control-Indicator Group OK-138/AAS-24.....	2-239	132
9A1 Terrain Display Indicator OK 149/AAS-24 .....	2-243	132
9A1A1 Receiver Control C 8182/AAS-24 .....	2-243	133
9A1A1A1 Control diode and relay assembly.....	2-243	134
9A1A2 Control Vertical/Horizontal Signal C 8183/AAS-24 (PHY SEC CL (C)).....	2-243	135
9A1A2A Control manual vertical/horizontal signal .....	2-247	136
9A1A3 Control Indicator C-8180/AAS-24.....	2-247	137
9A1A3A1 Terminal board No. 1 assembly.....	2-250	138
9A1A3A2 Terminal board No. 2 assembly.....	2-250	139
9A1A4 Terrain Display Indicator IP-970/AAS-24.....	2-250	140
9A1A4A7 Driver, terrain display indicator horizontal deflection .....	2-255	141
9A1A4A8 Power supply, terrain display indicator horizontal deflection.....	2-258	142
9A1A4A9 Amplifier, terrain display indicator video.....	2-260	143
9A1A4A10 Generator, terrain display indicator vertical sweep .....	2-262	144
9A1A4A11 Driver, terrain display indicator vertical deflection .....	2-264	145
9A1A4A12 Power supply, terrain display indicator vertical deflection .....	2-266	146
9A1A4A13 Generator, terrain display indicator reticle.....	2-268	147
9A1A4A14 Regulator, terrain display indicator horizontal/vertical.....	2-270	148
9A1A4A16 Terrain display indicator deflection heatsink assembly .....	2-272	149
9A1A4A17 Transformer assembly.....	2-274	136
9A2 Control, Calibration Display Group OK-150/AAS 24 .....	2-274	132
9A2A1 Indicator, Calibration Display IP-969/AAS-24 .....	2-274	150
9A2A1A1 Amplifier, calibration display indicator vertical deflection.....	2-277	151
9A2A1A2 Preamplifier, calibration display indicator video.....	2-279	152
9A2A1A3 Power supply, calibration display indicator low voltage DC .....	2-279	153
9A2A1A4 Amplifier, calibration display indicator horizontal deflection.....	2-282	154
9A2A1A5 Generator, calibration display indicator sweep .....	2-285	155
9A2A1A6 Supply, calibration display indicator cathode-ray tube bias.....	2-286	156
9A2A1A7 Calibration display indicator tube assembly .....	2-286	150

	<i>Page</i>	<i>Illus Figure</i>
9A2A2 Built-In Test Control C-8181/AAS-24.....	2-286	157
9A2A2A1 Driver, film footage indicator.....	2-289	158
9A2A2A2 Dimmer, panel lamp.....	2-289	159
9A2A3 Cabinet, Electrical Equipment CY-6666/AAS-24.....	2-289	160
9A2A3A1 Component tray assembly.....	2-293	161
9A2A4 Base, Electrical Equipment Shock Mount MT-4156/AAS-24 .....	2-293	132
10 Base shock mount .....	2-293	162
11 Base shock mount .....	2-293	163
12 Base shock mount .....	2-293	164
13 Blanket Recorder Group MX-8539/AAS-24.....	2-293	165
SECTION III. Special tools list.....	3-1	
Angle position indicator model API-8025.....	3-1	166
Digital thermometer model 501 .....	3-1	167
IV. Federal stock number and part number index.....	4-1	

**SECTION I**  
**INTRODUCTION**

**1. Scope**

This manual lists repair parts, special tools; test, measurement, and diagnostic equipment (TMDE); and other support equipment required for performance of direct support, general support, and depot maintenance of the AN/AAS-24

**2. General**

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

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

*b. Section III-Special Tools List.* A list of special tools, TMDE, and support equipment authorized for the performance of maintenance.

*c. Section IV-Federal Stock Number and Part Number Index.* A list, in ascending numerical sequence, of all Federal stock numbers appearing in the listings, followed by a list, in alphanumeric sequence, of all part numbers appearing in the listings. Federal stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

**3. Explanation of Columns**

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

*a. Illustration.* This column is divided as follows:

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

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

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

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

<i>Code</i>	<i>Definition</i>
PA .....	Item procured and stocked for anticipated or known usage.
PB .....	Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity available in the supply systems.
PD .....	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.

<i>Code</i>	<i>Definition</i>
AF .....	Item to be assembled at direct support maintenance level.
AH .....	Item to be assembled at general support maintenance level.
AD .....	Item to be assembled at depot maintenance level.
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.
XD .....	A support item that is not stocked. When required, item will be procured through normal supply channels.

**NOTE**

**Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA, XD, and aircraft support items as restricted by AR 700-42.**

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of

maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code centered 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>
0.....	Support item is removed, replaced, used at the organizational level.
F.....	Support item is removed, replaced, used at the direct support level
H.....	Support item is removed, replaced, and used at the general support level
D.....	Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level

with the capability to perform complete repair (i e., all authorized maintenance functions). This position will contain one of the following maintenance codes

<i>Code</i>	<i>Application/Explanation</i>
F.....	The lowest maintenance level capable of complete repair of the support item is the direct support level.
H.....	The lowest maintenance level capable of complete repair of the support item is the general support level
D.....	The lowest maintenance level capable of complete repair of the support item is the depot level, performed by depot.
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*

<i>Code</i>	<i>Application/Explanation</i>
Z.....	Nonreparable item When unserviceable, condemn and dispose at the level indicated in position 3
H.....	Reparable item When uneconomically repairable, condemn and dispose at the general support level
D.....	Reparable item When beyond lower level repair capability, return to depot Condemnation and disposal not authorized below depot level.
L.....	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level

c. *Federal Stock Number.* Indicates the Federal stock number assigned to the item.

**received may have a different part number than the part being replaced**

**NOTE**

**For requisitioning purposes, the Federal stock number must be converted to the National stock number by adding "-00-" after the Federal stock classification (FSC) code (first four digits) For example, (FSN 6625-553-0142 converts to NSN 6625-00-553-0142**

e. *Federal Supply Code for Manufacturer (FSCM).* The FSCM is a 5-digit numeric code listed in SB 708-42 which is to identify the manufacturer, distributor, or Government agency, etc.

f. *Description.* Indicates the Federal item name and, if required, a minimum description to identify the item. The physical security classification of the item is indicated by the parenthetical entry Phy Sec C1 (C)-Confidential In the Special Tools List, the initial basis of issue (BOI) appears as the last line in the entry for each special tool and support equipment. When density of equipments supported exceeds density spread indicated in the basis of issue, the total authorization is increased accordingly.

d. *Part Number.* Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements, to identify an item or range of items

g. *Unit of Measure (U/M).* Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance

**NOTE**

**When a stock-numbered item is requisitioned, the repair part**

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 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.

**4. Special Information**

The following publications pertain to the AN/AAS-24 and Its components:

- (C) TM 11-5850-241-ESC Equipment Serviceability Criteria for Detecting Set, Infrared AN/AAS-24(U).
- (C) TM 11-5850-241-12 Operator's and Organizational Maintenance Manual Including Repair Parts and Special Tools Lists: Detecting Set, Infrared AN/AAS-24(U).
- TM 11-5850-241-34/1 DS and GS Maintenance Manual: Detecting Set, Infrared AN/AAS-24 (Volume 1 of 2).
- (C) TM 11-5850-241-34/2 DS and GS Maintenance Manual: Detecting Set, Infrared AN/AAS-24 (Volume 2 of 2) (U).
- TM 11-5850-241-50/1-1 Depot Maintenance Manual: Detecting Set, Infrared AN/AAS-24.
- TM 11-5850-241-50/1-2 Depot Maintenance Manual: Detecting Set, Infrared AN/AAS-24.
- TM 11-5850-241-50/1-3 Depot Maintenance Manual: Detecting Set, Infrared AN/AAS-24.
- (C) TM 11-5850-241-50/2 Depot Maintenance Manual: Detecting Set, Infrared AN/AAS-24(U).

**5. How to Locate Repair Parts**

*a. When Federal Stock Number or Part Number is Unknown:*

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

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

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

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

*b. When Federal Stock Number or Part Number Is Known:*

(1) *First.* Using the Index of Federal Stock Numbers and Part Numbers, find the pertinent Federal stock number or part number. This index is in

ascending FSN sequence followed by a list of part numbers in ascending alphanumeric 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)

**7. Reporting of Equipment Publication Improvements**

The reporting of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forwarded direct to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703.



SECTION II REPAIR PARTS LIST

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
1	1	PDODD	5850-460-3987	R1615/AAS-24	80058	RECEIVER, INFRARED	EA	1
1	2	PDODD	5850-466-0514	MX-8357/AAS-24	80058	DETECTING SET SUBASSEMBLY	EA	1
1	3	PDODD	5850-762-4713	OA-8511/AAS-24	80058	RECORDER GROUP, INFRARED	EA	1
1	4	PDODD	5850-466-2019	PP-6270/AAS-24	80058	POWER SUPPLY	EA	1
1	5	PDODD	5850-466-0155	HD-841/AAS-24	80058	COMPRESSOR, ROTARY	EA	1
1	6	PDODD	6760 466-2062	CY-6665/AAS-24	80058	CASE, FILM, MAGAZINE	EA	2
1	7	PDODD	5850-466-2018	MX-8358/AAS-24	80058	CONVERTER SUBASSEMBLY	EA	1
1	8	PDODD	5850-466-0153	CV-2666/AAS-24	80058	CONVERTER, VIDEO	EA	1
1	9	PDODD	5850-465-1690	OK-138/AAS-24	80058	CONTROL, INDICATOR GROUP	EA	1
1	10	PDODD	5850-402-2228	MT-4157/AAS-24	80058	BASE, SHOCK MOUNT, ELECTRICAL EQUIPMENT	EA	1
1	11	PDODD	5850-402-2227	MT-4158/AAS-24	80058	BASE, SHOCK MOUNT, ELECTRICAL EQUIPMENT	EA	1
1	12	PDODD	5850-481-3681	MT-4159/AAS-24	80058	BASE, SHOCK MOUNT, ELECTRICAL EQUIPMENT	EA	1
1	13	PDODD	5850-460-3979	MX-8539/AAS-24	80058	BLANKET, RECORDER GROUP, ELECTRICALLY HEATED GROUP: 1 RECEIVER, INFRARED R1615/AAS-24	EA	1
2	1	PBFHD	5850-252-5742	SM-E-2018852	80063	RECEIVER SYNCHRONIZATION AND ROLL STABILIZER	EA	1
2	2	PBFHD	5850-252-5762	SM-E-2018912	80063	PREAMPLIFIER SUBASSEMBLY, VIDEO	EA	1
2	3	XBFZZ		SM-C-2017434-2	80063	MOUNT, RESILIENT	EA	2
2	4	XBFZZ		SM-D-2018847	80063	BRACKET, SHOCK MOUNT, RECEIVER	EA	4
2	5	XBFZZ		SM-C-2018845	80063	COVER, ACCESS, OPTICS	EA	1
2	6	XBFZZ		SM-C-2017434-1	80063	MOUNT, RESILIENT	EA	2
2	7	XBFZZ		SM-D-2018951	80063	COVER, ACCESS	EA	1
2	8	XBFZZ		SM-C-2019521-4	80063	WASHER, LOCK	EA	4
2	9	XBFZZ		SM-C-2019528-14	80063	SCREW, MACHINE	EA	11
2	10	XBFZZ		SM-D-2018842	80063	PLATE, MOUNTING, REFRIGERATOR	EA	1
2	11	XBFZZ		SM-C-2019527-1	80063	SCREW, MACHINE	EA	1
2	12	PAFDD	5850-177-1243	HD-868/AAS-24	80058	REFRIGERATOR ASSEMBLY	EA	1
2	13	PAHZZ	5330-431-8479	SM-C-2018844	80063	SEAL, LIGHT	EA	1
2	14	XBFZZ		SM-C-2018843	80063	RETAINER, SEAL, LIGHT	EA	1
2	15	XAHZZ		SM-C-2017441-3	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
2	16	XBFZZ		SM-D-2018953	80063	SHIELD, OPTICS	EA	1
2	17	PAFDD	6615-402-9674	SM-D-2017421-1	80063	GYROSCOPE, DISPLACEMENT	EA	1
2	18	PAFDD	5850-204-2694	SM-D-2018941	80063	RELAY ASSEMBLY, REFRIGERATOR	EA	1
2	19	XBFZZ	5310-857-4959	MS21044C6	96906	NUT, SELF-LOCKING HEXAGON	EA	4
2	20	XBFZZ		SM-B-2018938	80063	WASHER, SHOCK MOUNT	EA	4
2	21	XBFZZ	5305-801-1290	MS35308-366	96906	SCREW, CAP, HEXAGON HEAD	EA	4
2	22	XBFZZ		SM-C-2018846	80063	BRACKET, METER	EA	1
2	23	PAFZZ	6645-255-1371	MS17322-6A	96906	METER, TIME TOTALIZING	EA	1
2	24	PAHHD	5850-408-2647	SM-E-2019676	80063	WIRING HARNESS, RECEIVER	EA	1
2	25	PAFDD	5850-252-5737	SM-E-2018867	80063	FILTER WHEEL ASSEMBLY, RECEIVER	EA	1
2	26	XBFZZ		SM-B-2019550	80063	SPACER	EA	15
2	27	XBFZZ		SM-C-2019312-1	80063	SHIM, CLAMP, MIRROR	EA	15

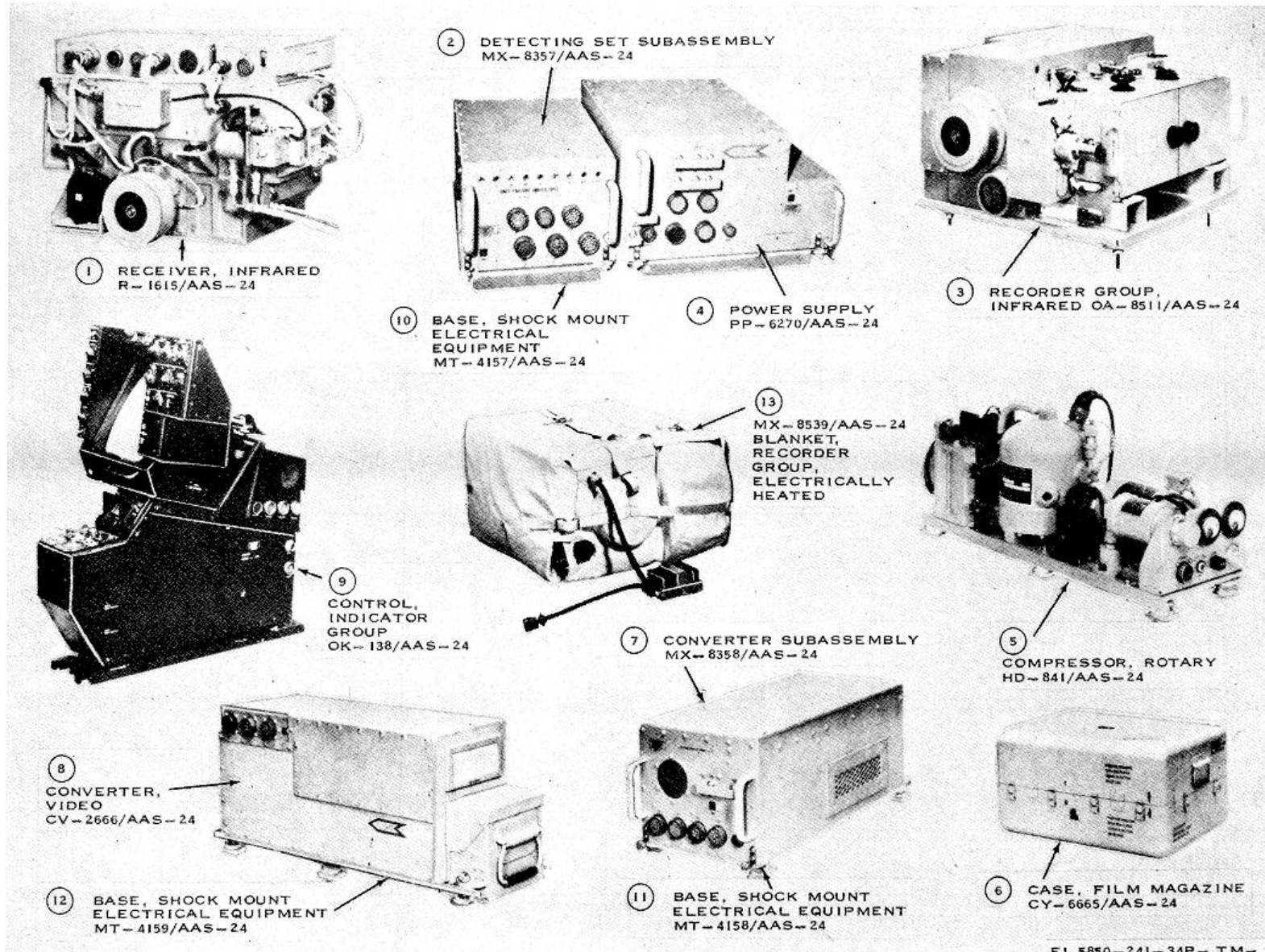


Figure 1. Detecting set, infrared AN/AAS-24.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
2	28	XBFZZ		SM-C-2019681	80063	CLAMP AND PAD ASSEMBLY, MIRROR MOUNT NO. 2	EA	1
2	29	XBFZZ		SM-C-2019680	80063	CLAMP AND PAD ASSEMBLY, MIRROR MOUNT NO. 1	EA	2
2	30	XBFZZ		MS35338-136B	96906	WASHER, LOCK	EA	4
2	31	XBFZZ	5305-988-7602	SM-C-2019523-20	80063	SCREW, CAP, SOCKET HEAD	EA	8
2	32	XBFZZ		MS16995-27B	96906	SCREW, CAP, SOCKET HEAD	EA	8
2	33	XBFZZ		SM-C-2019521-5	80063	WASHER, LOCK	EA	2
2	34	PAHDD	6650-408-5968	SM-D-2018808	80063	MIRROR, UPPER	EA	1
2	35	XBFZZ		SA-E-2018800	80063	MOUNT, MIRROR, UPPER	EA	1
2	36	PAHDD	6650-408-4967	SM-D-2018807	80063	MIRROR, LOWER	EA	1
2	37	XBFZZ		SM-C-2019679	80063	CLAMP AND PAD ASSEMBLY, MIRROR MOUNT NO. 3	EA	9
2	38	AFFHH		SM-D-2018958	80063	SELF TEST LAMP ASSEMBLY	EA	1
2	39	XBDZZ		SM-C-2018799-1	80063	HOUSING, RECEIVER	EA	1
2	40	XBFZZ		SM-C-2018812	80063	BUSHING, ADJUSTING, MIRROR	EA	9
2	41	XBFZZ		SM-B-2018813	80063	NUT, PLAIN, HEXAGON, NO. 1	EA	9
2	42	XBFZZ	5310-871-9383	SM-D-2019425-3	80063	WASHER, SWIVEL	EA	9
2	43	XBFZZ	5310-933-8119	MS35338-137	96906	WASHER, LOCK	EA	9
2	44	XBFZZ	5305-988-7605	MS16995-29	96906	SCREW, CAP, SOCKET HEAD	EA	9
2	45	XBFZZ		SM-C-2019678	80063	CLAMP AND PAD ASSEMBLY, MIRROR MOUNT NO. 4	EA	3
2	46	PAHDD	6650-408-4966	SM-D-2018805	80063	MIRROR, PORT	EA	1
2	47	XBFZZ		SM-B-2018810	80063	BUSHING, MIRROR	EA	1
2	48	XBFZZ		SM-D-2018802-1	80063	PLATE, MOUNT MIRROR, PORT	EA	1
2	49	PAHDD	6650-408-2622	SM-D-2018809	80063	MIRROR, STARBOARD	EA	1
2	50	XBFZZ		SM-D-2018801	80063	PLATE, MOUNT MIRROR, STARBOARD	EA	1
2	51	XBFZZ		SM-C-2018841	80063	COVER, MIRROR, PARABOLIDIAL	EA	1
2	52	PAHDD	5855-491-7078	SM-D-2018930	80063	MIRROR, PARABOLIDIAL	EA	1
2	53	XBFZZ		SM-D-2018804	80063	PLATE, MOUNT, MIRROR, PARABOLIDIAL	EA	1
2	54	XBFZZ		SM-D-2018822	80063	COVER, ACCESS	EA	1
2	55	PAFDD	5850-174-3505	SM-E-2018823	80063	ROLL COMPENSATION	EA	1
2	56	XBDZZ		MS35756-33	96906	KEY, WOODRUFF	EA	1
2	57	XBFZZ		SM-C-2018952	80063	PLATE, MOUNTING	EA	1
2	58	XBFZZ		MS51958-62B	96906	SCREW, MACHINE	EA	1
2	59	XBFZZ	5310-550-3715	MS35333-70	96906	WASHER, LOCK	EA	2
2	60	XBFZZ		SM-E-2018821	80063	HOUSING, CODE WHEEL	EA	1
2	61	PAFZZ	3110-138-9960	SM-D-209531-1	80063	BEARING, BALL, ANNULAR	EA	2
2	62	XBFZZ		SM-B-2019509	80063	WASHER, FLAT	EA	2
2	63	PAFZZ	4920-135-4846	SM-C-2018357-1	80063	T MOTIONAL PICKUP	EA	1
2	64	XBDZZ		SM-D-2018815	80063	BRACKET, MOTOR	EA	1
2	65	AFFFD		SM-D-2018816	80063	CONNECTOR AND MOUNT ASSEMBLY MOTOR	EA	1
2	66	XBFZZ	5315-728-9398	MS20066-10	96906	KEY, MACHINE	EA	1
2	67	PAHDD	6105-257-1112	SM-D-2018819	80063	MOTOR, DIRECT CURRENT	EA	2

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
2	68	XBFZZ		SM-B-2017886	80063	CLAMP, HUB	EA	2
2	69	PAFZZ	3010-409-0918	SM-C-2017887	80063	COUPLING, BELLOWS	EA	1
2	70	PAFZZ	5850-408-2648	SM-D-2018818	80063	DISK, PULSE	EA	1
2	71	XBFZZ		SM-C-2017959-2	80063	NUT, MODIFIED	EA	2
2	72	XBFZZ		SM-C-2018820	80063	COVER, BRACKET, MOTOR'	EA	1
2	73	PAHDD	6650-408-4972	SM-D-2018814	80063	MIRROR, SCAN	EA	1
2	74	XBDZZ		SM-C-2018837	80063	RETAINER, BEARING	EA	1
2	75	XBDZZ	5305-059-3664	MS51958-68	96906	SCREW, MACHINE	EA	4
2	76	XBFZZ	5310-933-8120	MS35338-138B	96906	WASHER, LOCK	EA	1
2	77	XBFZZ		SM-B-2018839	80063	WASHER, MOUNTING, DISK	EA	1
2	78	XBFZZ		SM-C-2018838	80063	WASHER, CLAMP, DISK	EA	1
2	79	PAFZZ	5850-252-5738	SM-D-2017963	80063	DISK, CODE	EA	2
2	80	XBFZZ		SM-D-2018840	80063	HUB, DISK, CODE	EA	1
2	81	XADZZ		SM-D-2017444-1	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
2	82	PAFZZ	5935-765-5991	MS3126F12-3S	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
2	83	PAFZZ	5935-410-9250	M24308-2-3	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
2	84	PAFZZ	5935-765-5988	MS3126F16-26S	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
2	85	PAFZZ	5935-905-9881	MS3126F12-10S	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
2	86	PAFZZ	5935-765-5989	MS3126F14-19S	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
2	87	PAFZZ	5935-726-6487	MS3126F20-41P	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
2	88	PAFZZ	5935-247-8962	MS3126F22-41P	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
2	89	PAFZZ	5935-724-7577	MS3126F14-12S	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
2	90	PAHDD	5995-480-5727	SM-D-2019622	80063	WIRING HARNESS, FILTER WHEEL BIT LIGHT	EA	1
2	91	PAFZZ	5935-490-5219	M24308-2-1	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
2	92	PAFZZ	5935-050-2525	SM-C-2019497-1	80063	CONNECTOR, CARTRIDGE LAMP	EA	1
2	93	PAFZZ	5935-766-7998	MS3122E12-10P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
						GROUP: 1A1 RECEIVER AND ROLL COMPENSATION ELECTRONICS ASSEMBLY		
3	1	PAHZZ	4140-764-3838	SM-D-2017385-1	80063	FAN, VANAXIAL	EA	1
3	2	PAFDD	5850-197-1761	SM-E-2019237	80063	HEAT SINK ASSEMBLY, ROLL COMPONENT	EA	1
3	3	PAFDD	5850-407-7049	SM-D-2018866	80063	OSCILLATOR REFERENCE 36 KHz	EA	1
3	4	PAHDD	5850-409-8100	SM-D-2017903	80063	AMPLIFIER, COARSE AND FINE PHASE SIGNAL NO. 1	EA	1
3	5	PAFDD	5850-408-2588	SM-D-2017906	80063	AMPLIFIER, FINE, PHASE SIGNAL	EA	1
3	6	PAFDD	5850-409-8117	SM-D-2017897	80063	DETECTOR ASSEMBLY, RATE	EA	1
3	7	PAFDD	5850-409-8109	SM-D-2017909	80063	DETECTOR, FINE PHASE	EA	1
3	8	PAFDD	5850-408-2587	SM-D-2018997	80063	CONTROLLER ASSEMBLY,	EA	1
3	9	PAFDD	5850-403-5818	SM-D-2017900	80063	DRIVER ASSEMBLY, MOTOR, RECEIVER AND REC	EA	1
3	10	PAFDD	5850-408-2586	SM-D-2018988	80063	DEMODULATOR, ASSEMBLY, SYNCHRONIZATION	EA	1
3	11	PAFDD	5850-403-5819	SM-D-2018979	80063	AMPLIFIER, ASSEMBLY, ROLL POWER	EA	1
3	12	PAFDD	5850-408-2589	SM-D-2018991	80063	GENERATOR, PULSE, ROLL LIMIT	EA	1
3	13	PAFDD	5850-408-2599	SM-D-2018994	80063	DRIVE, GYRO LIMIT AND TEST LAMP	EA	1
3	14	PAHZZ	5935-903-8008	MS3122E14-15S	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1

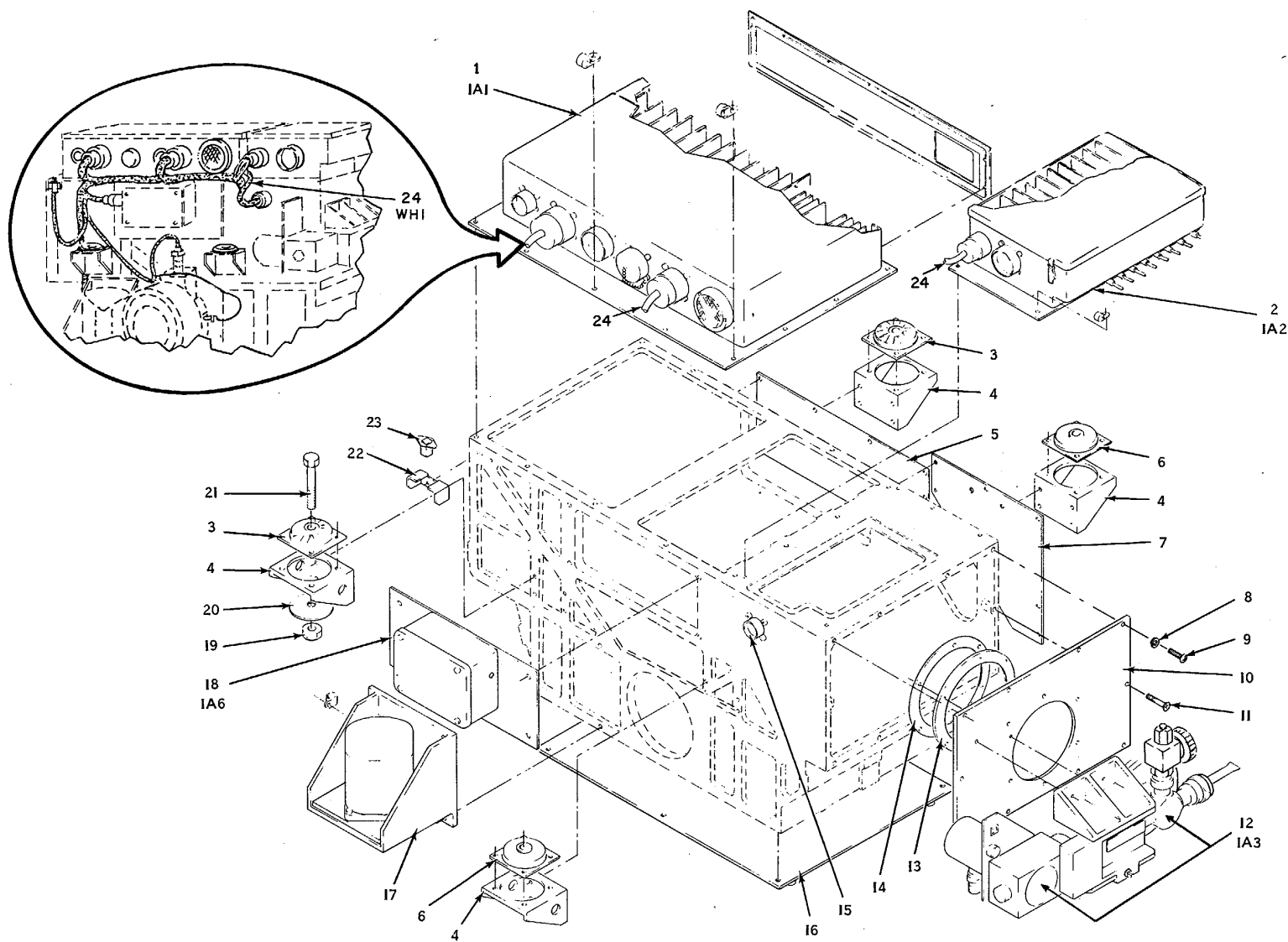
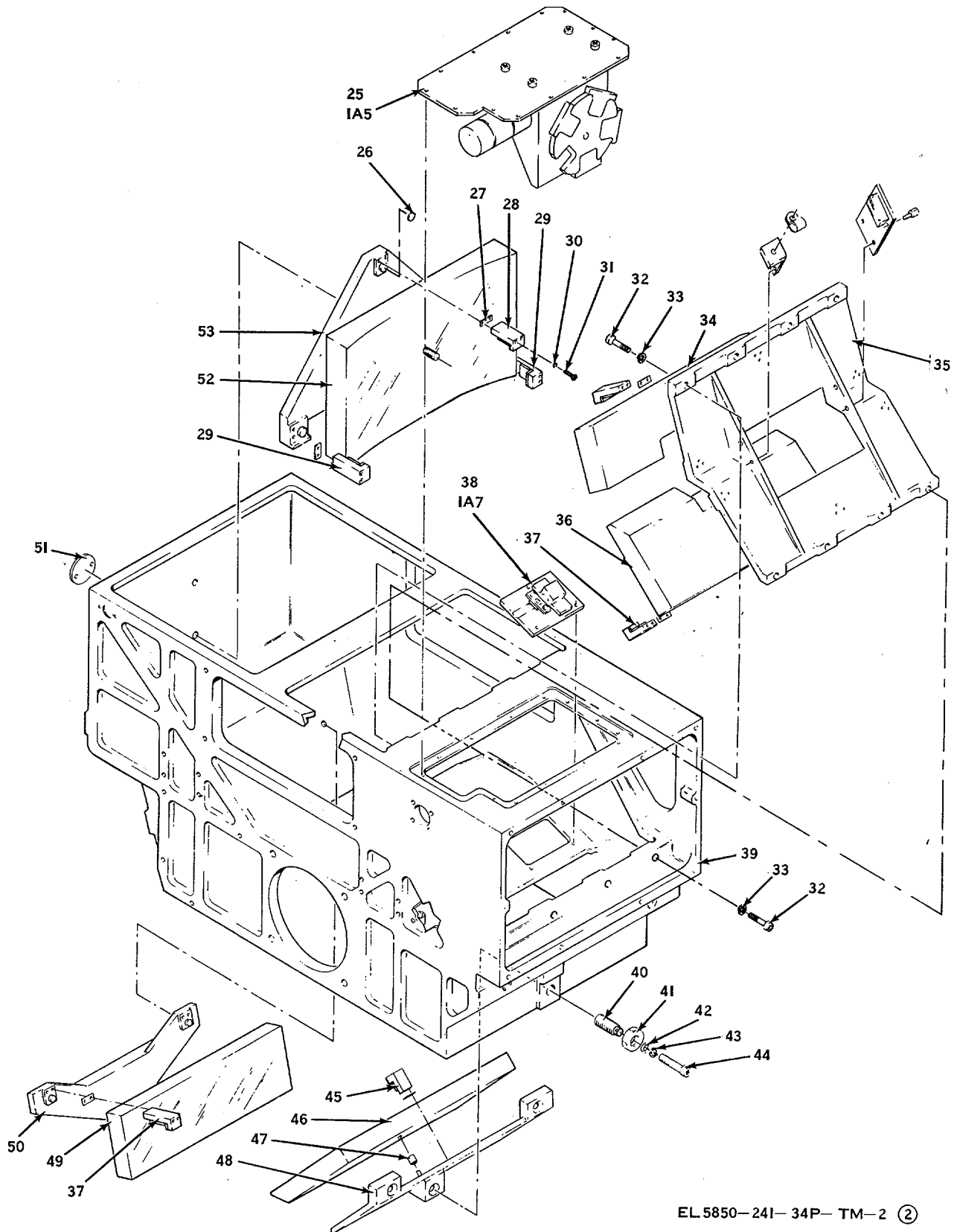


Figure 2 (1). Receiver, infrared R-1615/AAS-24 (sheet 1 of 5).



EL 5850-241-34P-TM-2 (2)

Figure 2 (2). Receiver, infrared R-1615/AAS-24 (sheet 2 of 5).

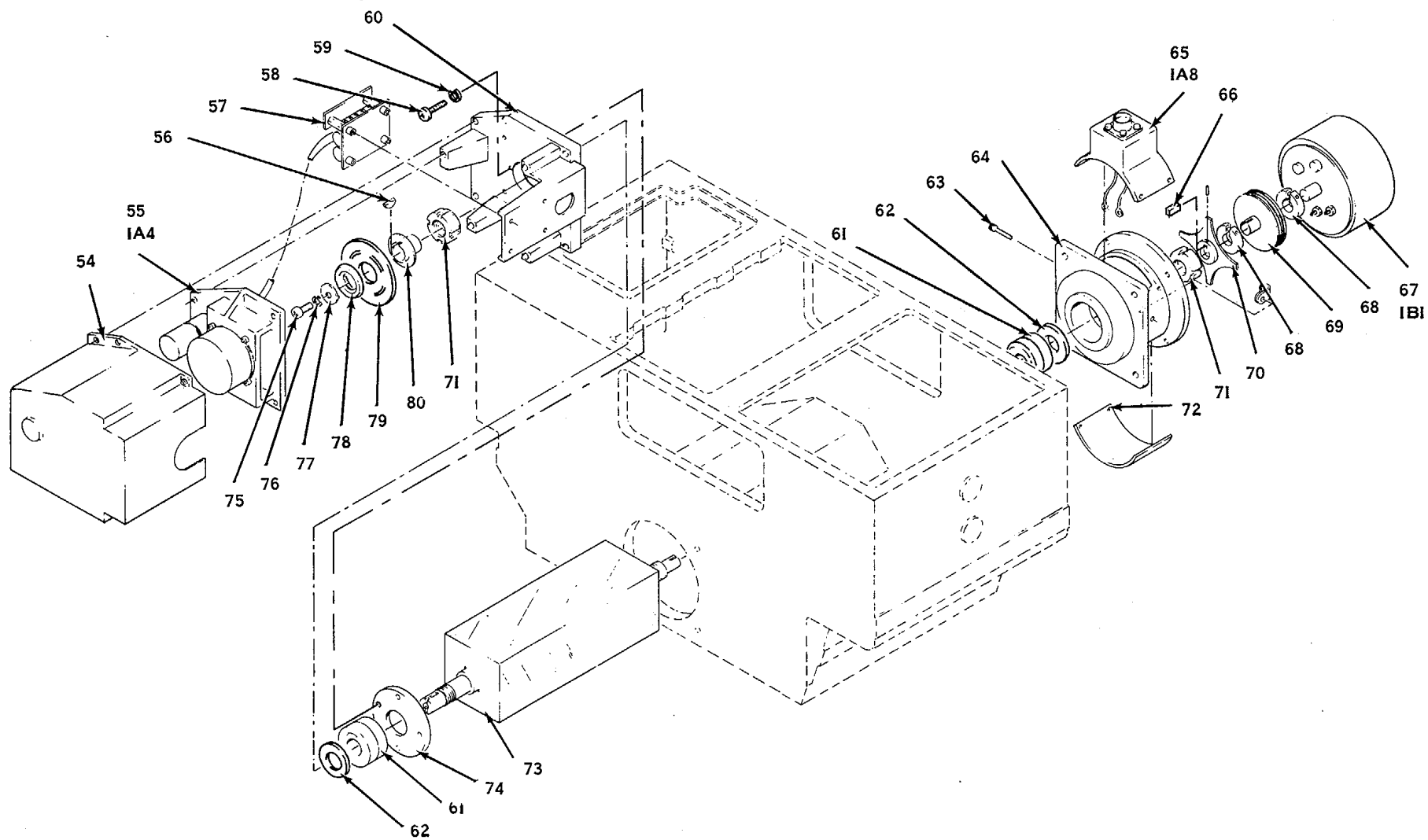


Figure 2 (3). Receiver, infrared R-1615/AAS-24 (sheet 3 of 5).

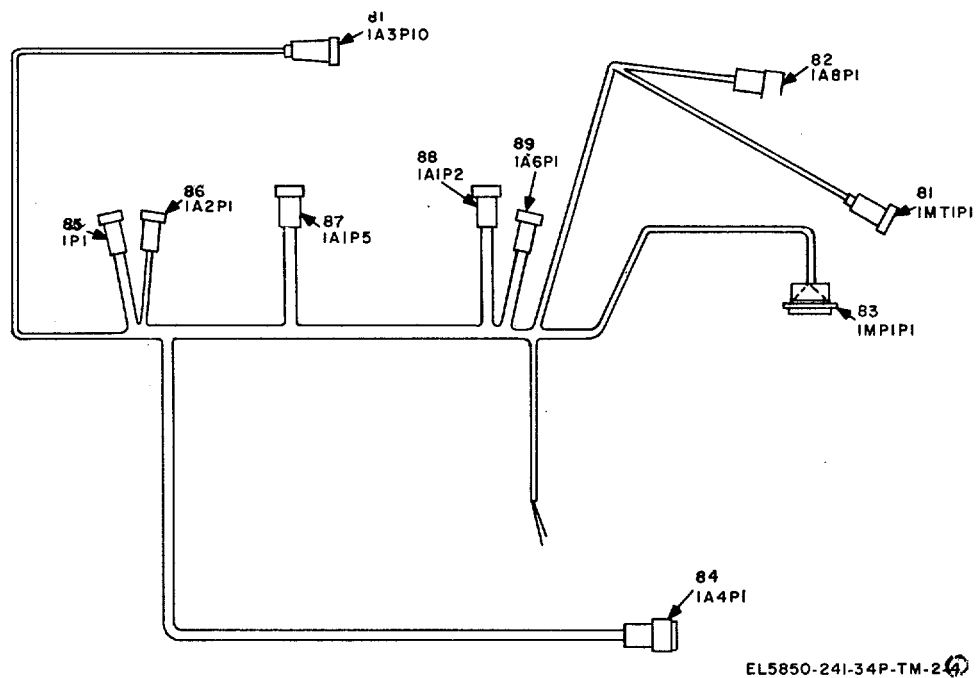


Figure 2 (4). Receiver, infrared R-1615/AAS-24 (sheet 4 of 5).



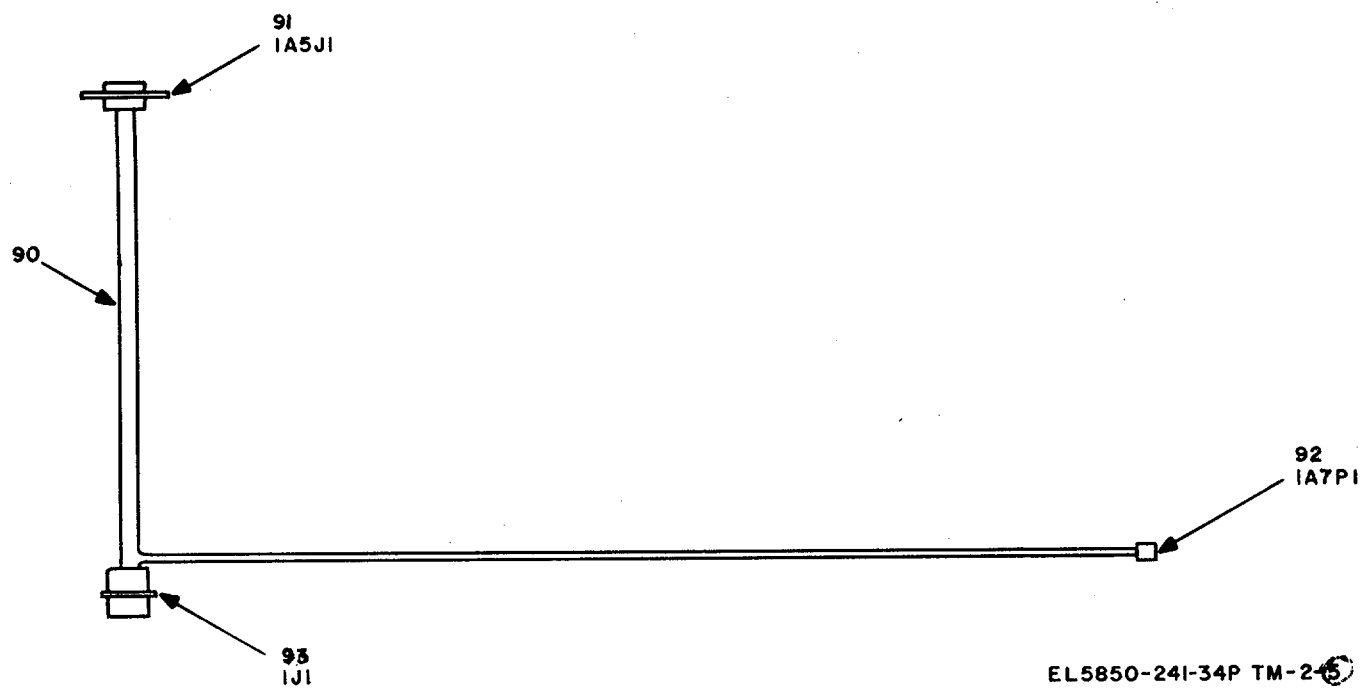


Figure 2 (5). Receiver, infrared R1615/AAS-24 (sheet 5 of 5).

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
3	15	PAHZZ	5935-988-4231	MS3122E22-41S	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
3	16	PAHZZ	5935-080-3989	MS3122E22-41P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
3	17	PAHZZ	5935-725-4471	MS3122E20-39SW	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
3	18	PAHZZ	5935-988-4231	MS3122E20-41S	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
3	19	PAHZZ	5935-436-8628	SM-D-2017400-4	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
3	20	PAHHD	5995-480-5726	SM-D-2019651	80063	WIRING HARNESS, RECEIVING, SYNCHRONIZATION ROLL	EA	1
3	21	PAHZZ	5935-432-6513	SM-C-2017494-1	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	11
3	22	PAHZZ	5940-983-6044	37TB3	81349	TERMINAL BOARD  GROUP 1A1A1 OSCILLATOR, 36 Hz REFERENCE	EA	1
4	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
4	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
4	3	PADZZ	5910-490-0397	CM05ED470J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
4	4	PADZZ	5910-456-0794	CM05ED390J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
4	5	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
4	6	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
4	7	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
4	8	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
4	9	PADZZ	5935-131-9726	1i39024-11-06	81349	JACK, TIP	EA	1
4	10	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
4	11	PADZZ	5950-921-3420	M S90537-49	96906	COIL, RADIO FREQUENCY	EA	2
4	12	PADZZ	5935-490-3743	8254308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
4	13	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
4	14	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	2
4	15	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	2
4	16	PADZZ	5905-194-1695	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	2
4	17	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	1
4	18	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	1
4	19	PADZZ	5905-452-0742	RN60D1100F	81349	RESISTOR, FIXED, FILM	EA	1
4	20	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	3
4	21	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3
4	22	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	1
4	23	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1
4	24	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	1
4	25	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	2
4	26	PADZZ	5935-990-6219	SM-D-2019448-1	80063	SOCKET, CRYSTAL	EA	1
4	27	PADZZ	5955-721-3642	CR25BU288-00KHZ	81349	CRYSTAL UNIT, QUARTZ	EA	1
4	28	PADZZ		SM-D-2017397-2	80063	INTEGRATED CIRCUIT, FLIP-FLOP	EA	3
4	29	PADZZ	5962-117-6091	SM-D-2017453-2	80063	INTEGRATED CIRCUIT, INPUT GATE  GROUP 1A1A2 AMPLIFIER, COARSE AND FINE SYNCHRONIZATION NO. 1	EA	1
5	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
5	2	PADZZ	5910-936-1332	CSR13F698KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3

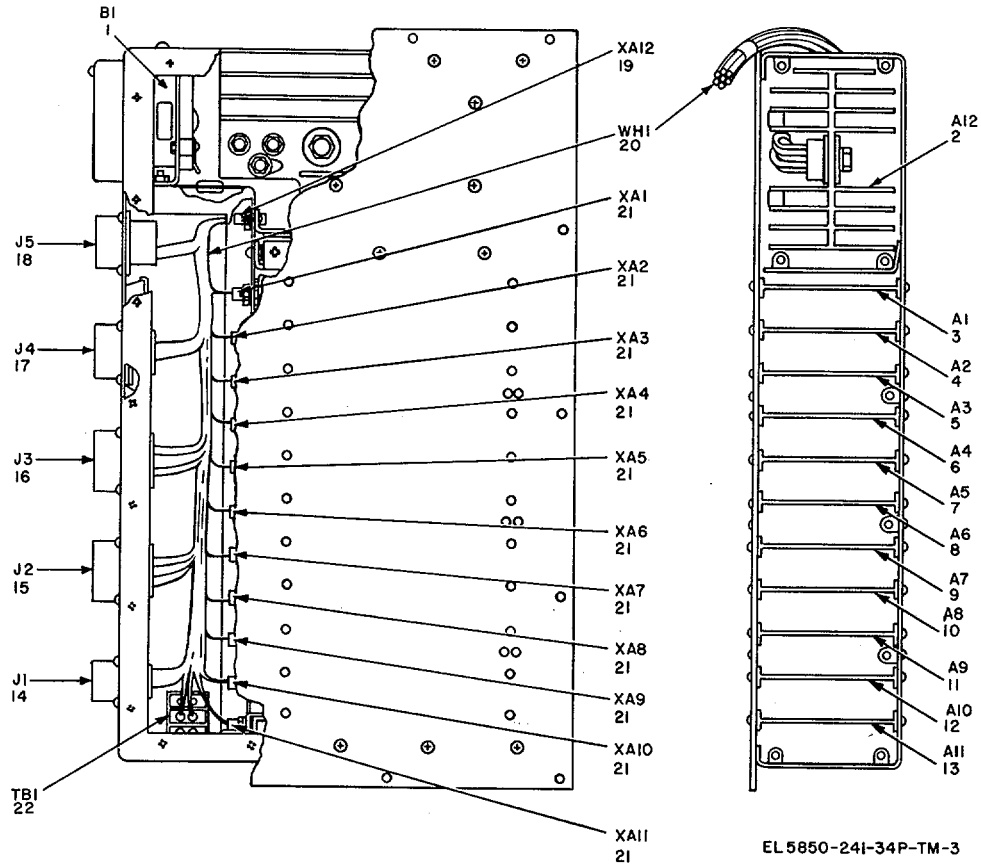
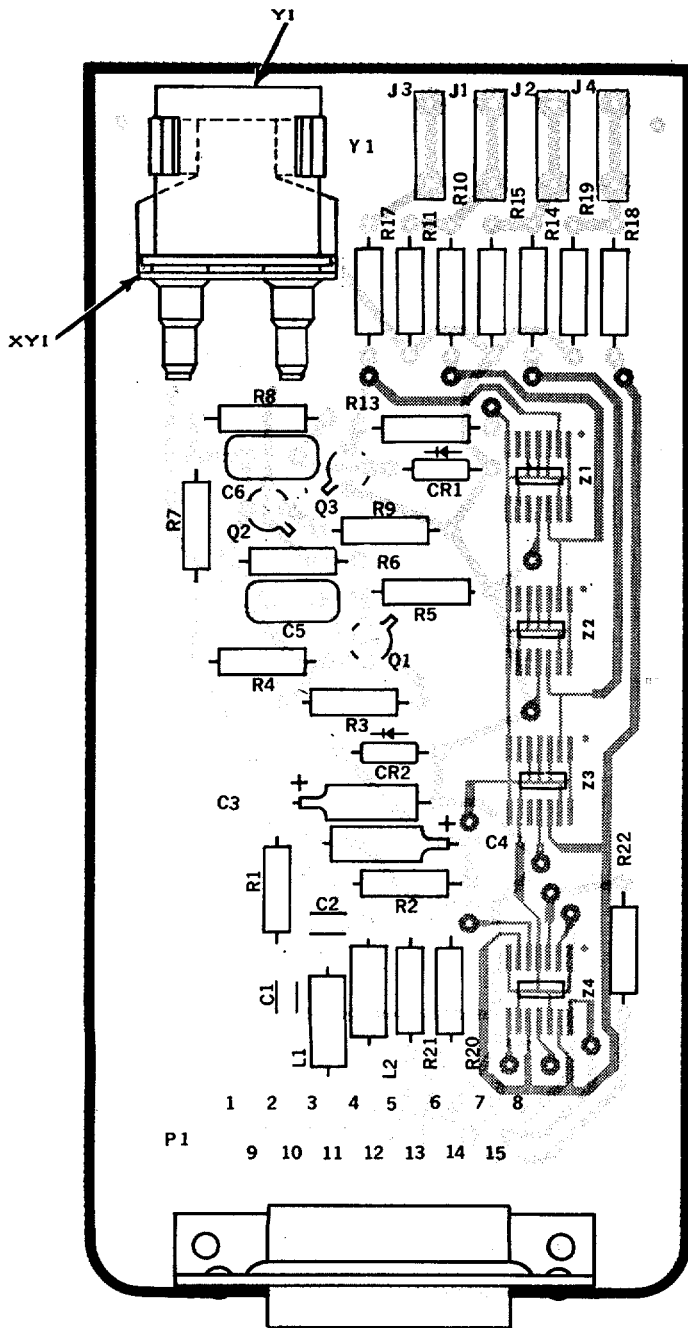


Figure 3. Receiver synchronization and roll compensation electronics assembly.



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	Q1	13	R14	20
C2	1	Q2	13	R15	21
C3	2	Q3	13	R17	23
C4	2	R1	14	R18	20
C5	3	R2	14	R19	21
C6	4	R3	15	R20	24
CR1	5	R4	16	R21	25
CR2	6	R5	17	R22	25
J1	7	R6	15	XY1	26
J2	8	R7	16	Y1	27
J3	9	R8	18	Z1	28
J4	10	R9	19	Z2	28
L1	11	R10	20	Z3	28
L2	11	R11	21	Z4	29
P1	12	R13	22		

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A1

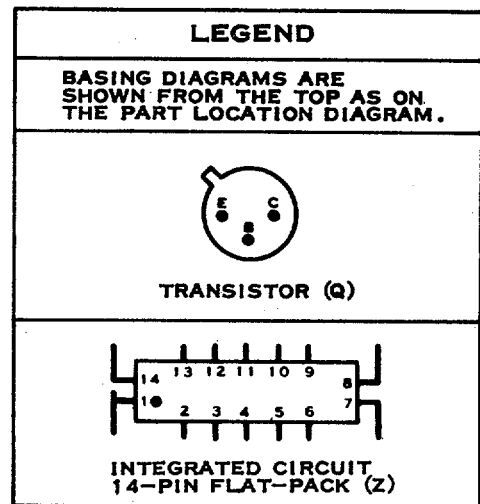
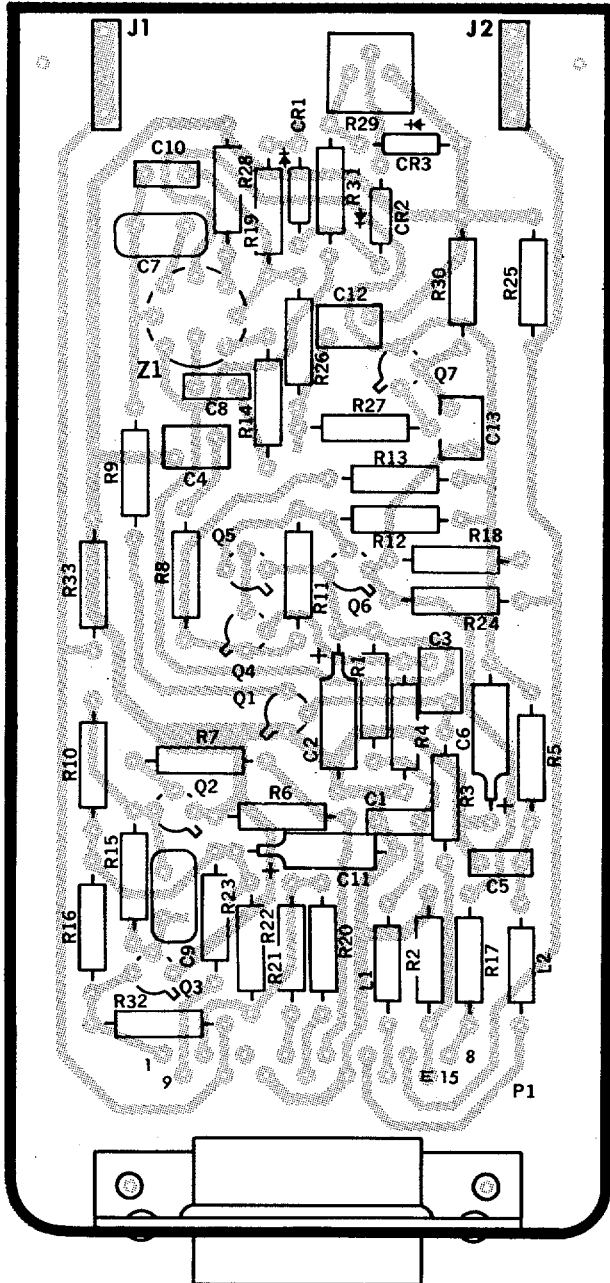


Figure 4. Oscillator, 36-kHz reference.

SECTION II REPAIR PARTS LIST (CONTINUED)

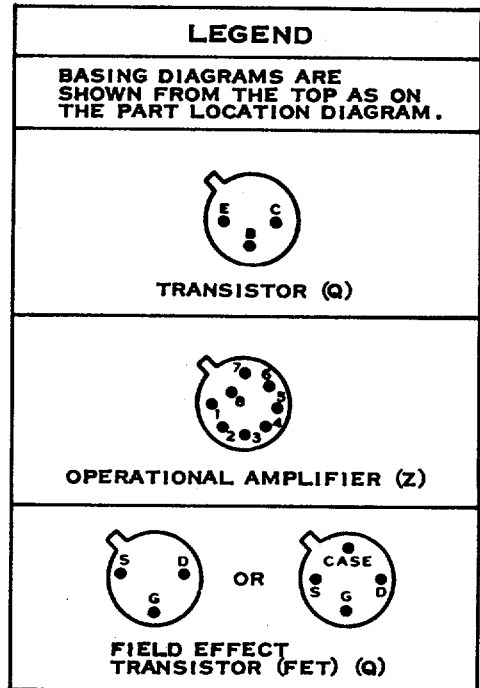
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
5	3	PADZZ	5910-436-8203	SM-D-2017446-3	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
5	4	PADZZ		SM-D-2017446-4X	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
5	5	PADZZ	5910-460-0869	CM05ED221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
5	6	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
5	7	PADZZ	5910-832-8080	CM05CD180J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
5	8	PADZZ	5910-113-5499	CK06BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
5	9	PADZZ		SM-D-2017446-2	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
5	10	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
5	11	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
5	12	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
5	13	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
5	14	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
5	15	PADZZ	5935-490-3743	MS24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
5	16	PADZZ		SM-D-2017405-2	80063	TRANSISTOR	EA	1
5	17	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
5	18	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	1
5	19	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
5	20	PADZZ	5961-252-1577	2N2946A	81349	TRANSISTOR	EA	1
5	21	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	3
5	22	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3
5	23	PADZZ	5905-789-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	1
5	24	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	2
5	25	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	3
5	26	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	2
5	27	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	1
5	28	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	4
5	29	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
5	30	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	2
5	31	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
5	32	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	2
5	33	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	2
5	34	PADZZ	5905-232-7791	RN60D1500F	81349	RESISTOR, FIXED, FILM	EA	2
5	35	PADZZ	5905-192-3479	RN60D9G91F	81349	RESISTOR, FIXED, FILM	EA	2
5	36	PADZZ	5905-251-7581	RT24C2P201	81349	RESISTOR, VARIABLE	EA	1
5	37	PADZZ	5905-189-2474	RN60D4750F	81349	RESISTOR, FIXED, FILM	EA	1
5	38	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1
5	39	PADZZ	5999-411-7645	M24308-11-1	81349	CONTACT, ELECTRICAL  GROUP 1A1A3 AMPLIFIER, FINE SYNCHRONIZATION NO. 2	EA	15
6	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
6	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
6	3	PADZZ	5910-436-8203	SM-D-2017446-3	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	4



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	P1	15	R14	31
C2	2	Q1	16	R15	26
C3	3	Q2	17	R16	28
C4	4	Q3	17	R17	32
C5	1	Q4	18	R18	28
C6	2	Q5	19	R19	33
C7	5	Q6	17	R20	34
C8	6	Q7	20	R21	34
C9	7	R1	21	R22	21
C10	8	R2	22	R23	32
C11	2	R3	23	R24	35
C12	9	R4	24	R25	22
C13	3	R5	21	R26	30
CR1	10	R6	25	R27	25
CR2	10	R7	26	R28	24
CR3	11	R8	27	R29	36
E15	39	R9	25	R30	33
J1	12	R10	28	R31	37
J2	13	R11	29	R32	35
L1	14	R12	28	R33	22
L2	14	R13	30	Z1	38

NOTE - UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A2 OR 3A1A1A1



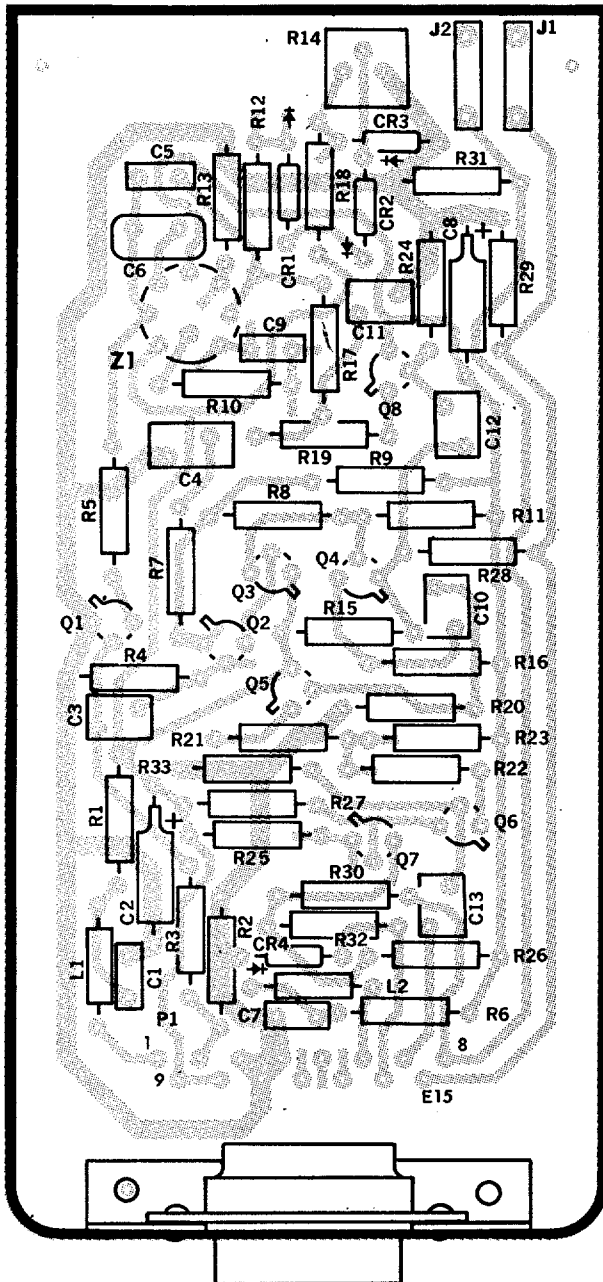
EL5850-241-34P-TM-5

Figure 5. Amplifier, coarse and synchronization No 1.

SECTION II REPAIR PARTS LIST (CONTINUED)

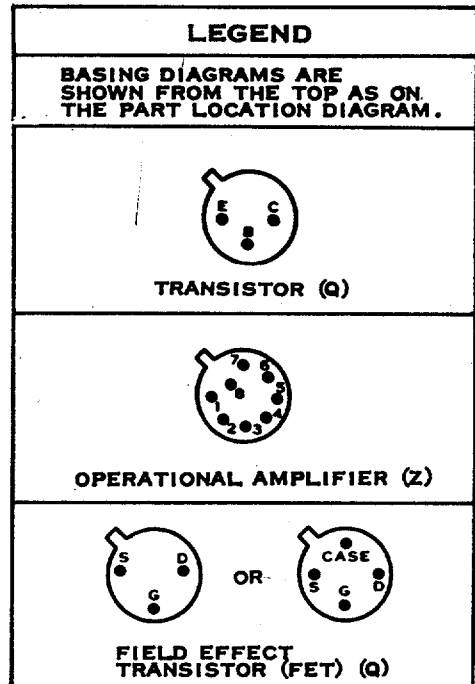
(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
6	6	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
6	7	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
6	8	PADZZ		SM-D-2017446-2	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
6	9	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
6	10	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
6	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
6	12	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
6	13	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
6	14	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
6	15	PADZZ		SM-D-2017405-2	80063	TRANSISTOR	EA	1
6	16	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	3
6	17	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	3
6	18	PADZZ	5961-252-1577	2N2946A	81349	TRANSISTOR	EA	1
6	19	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	2
6	20	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	5
6	21	PADZZ	5905-189-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	1
6	22	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	2
6	23	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	2
6	24	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	1
6	25	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	3
6	26	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	2
6	27	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
6	28	PADZZ	5905-988-2286	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	4
6	29	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	2
6	30	PADZZ	5905-251-7581	RT24C2P201	81349	RESISTOR, VARIABLE	EA	1
6	31	PADZZ	5905-189-2474	RN60D4750F	81349	RESISTOR, FIXED, FILM	EA	1
6	32	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	2
6	33	PADZZ	5905-195-6404	RN60D3922F	81349	RESISTOR, FIXED, FILM	EA	1
6	34	PADZZ	5905-721-2387	RN60D6190F	81349	RESISTOR, FIXED, FILM	EA	1
6	35	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	2
6	36	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1
6	37	PADZZ	5999-411-7645	M24308-11-1	81349	CONTACT, ELECTRICAL	EA	15
						GROUP 1A1A4 DETECTOR, ASSEMBLY, RATE		
7	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
7	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
7	3	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
7	4	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
7	5	PADZZ	5910-450-5239	S1-D-2017484-1	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	3
7	6	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
7	7	PADZZ	5910-101-2381	CK06BX222K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
7	8	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
7	9	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	P1	13	R14	29
C2	2	Q1	14	R15	19
C3	3	Q2	15	R16	27
C4	4	Q3	16	R17	25
C5	5	Q4	16	R18	30
C6	6	Q5	15	R19	22
C7	1	Q6	15	R20	27
C8	2	Q7	16	R21	31
C9	7	Q8	17	R22	31
C10	3	R1	18	R23	32
C11	8	R2	19	R24	28
C12	3	R3	20	R25	33
C13	3	R4	21	R26	24
CR1	9	R5	22	R27	24
CR2	9	R6	18	R28	34
CR3	9	R7	23	R29	19
CR4	10	R8	24	R30	34
E15	37	R9	25	R31	19
J1	11	R10	26	R32	19
J2	12	R11	27	R33	27
L1	13	R12	28	Z1	35
L2	13	R13	21		



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A3 OR 3A1A12



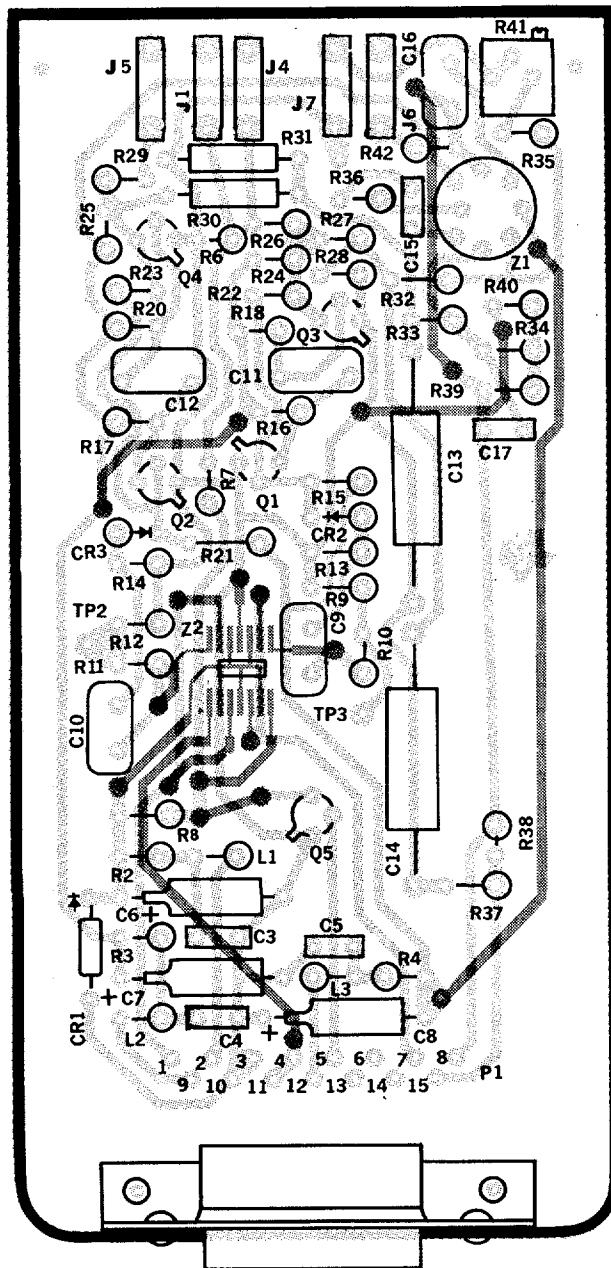
EL5850-241-34P-TM-6

Figure 6. Amplifier, fine synchronization No 2.



SECTION II REPAIR PARTS LIST (CONTINUED)

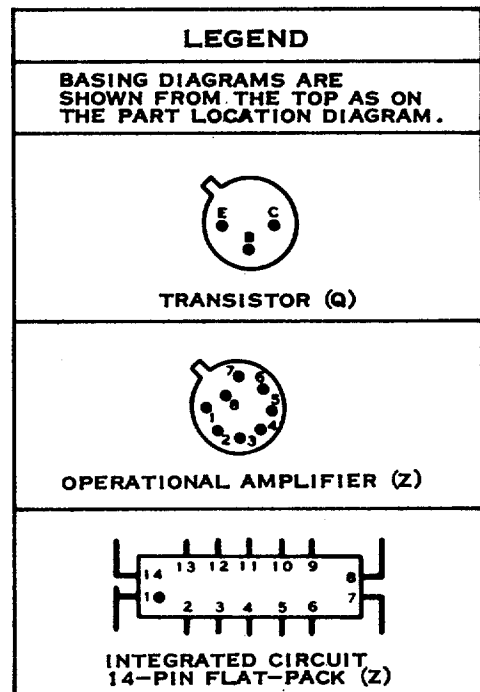
(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
7	10	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
7	11	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
7	12	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
7	13	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
7	14	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
7	15	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	3
7	16	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
7	17	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
7	18	PADZZ	5961-946-6643	2N2432	81349	TRANSISTOR	EA	2
7	19	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	3
7	20	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	7
7	21	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	3
7	22	PADZZ	5905-025-5988	RN60D3321F	81349	RESISTOR, FIXED, FILM	EA	1
7	23	PADZZ	5905-138-1283	RN60C1002F	81349	RESISTOR, FIXED, FILM	EA	13
7	24	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	2
7	25	PADZZ	5905-403-3127	RN60C2152F	81349	RESISTOR, FIXED, FILM	EA	2
7	26	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	2
7	27	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
7	28	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
7	29	PADZZ	5905-195-6379	RN60D1822F	81349	RESISTOR, FIXED, FILM	EA	1
7	30	PADZZ	5905-403-3168	RN60C7501F	81349	RESISTOR, FIXED, FILM	EA	1
7	31	PADZZ	5905-256-5067	RN60C7500F	81349	RESISTOR, FIXED, FILM	EA	1
7	32	PADZZ	5905-998-9178	RT24C2P202	81349	RESISTOR, VARIABLE	EA	1
7	33	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1
7	34	PADZZ	5962-117-6091	SM-D-2017453-2	80063	INTEGRATED CIRCUIT, INPUT GATE GROUP 1A1A5 DETECTOR, FINE PHASE	EA	1
8	1	PADZZ	5910-453-8796	CM05FD181J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
8	2	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
8	3	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
8	4	PADZZ	5910-229-7757	SM-D-2017484-6	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	3
8	5	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
8	6	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
8	7	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
8	8	PADZZ	5910-255-4054	CM06FD202J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
8	9	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
8	10	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
8	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
8	12	PADZZ	5935-131-9681	M59024-11-02	81349	JACK, TIP	EA	1
8	13	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
8	14	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
8	15	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
8	16	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C3	1	L2	15	R21	24
C4	1	L3	15	R22	23
C5	1	P1	16	R23	23
C6	2	Q1	17	R24	19
C7	2	Q2	17	R25	19
C8	2	Q3	18	R26	23
C9	3	Q4	18	R27	23
C10	3	R2	19	R28	23
C11	4	R3	19	R29	23
C12	4	R4	19	R30	23
C13	5	R6	20	R31	23
C14	5	R7	21	R32	26
C15	6	R8	22	R33	26
C16	5	R9	20	R34	23
C17	7	R10	21	R35	27
CR1	8	R11	21	R36	27
CR2	9	R12	20	R37	28
CR3	9	R13	23	R38	29
J1	10	R14	23	R39	30
J4	11	R15	24	R40	31
J5	12	R16	20	R41	32
J6	13	R17	20	R42	23
J7	14	R18	25	Z1	33
L1	15	R20	25	Z2	34

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A4 OR 3A1A1A3

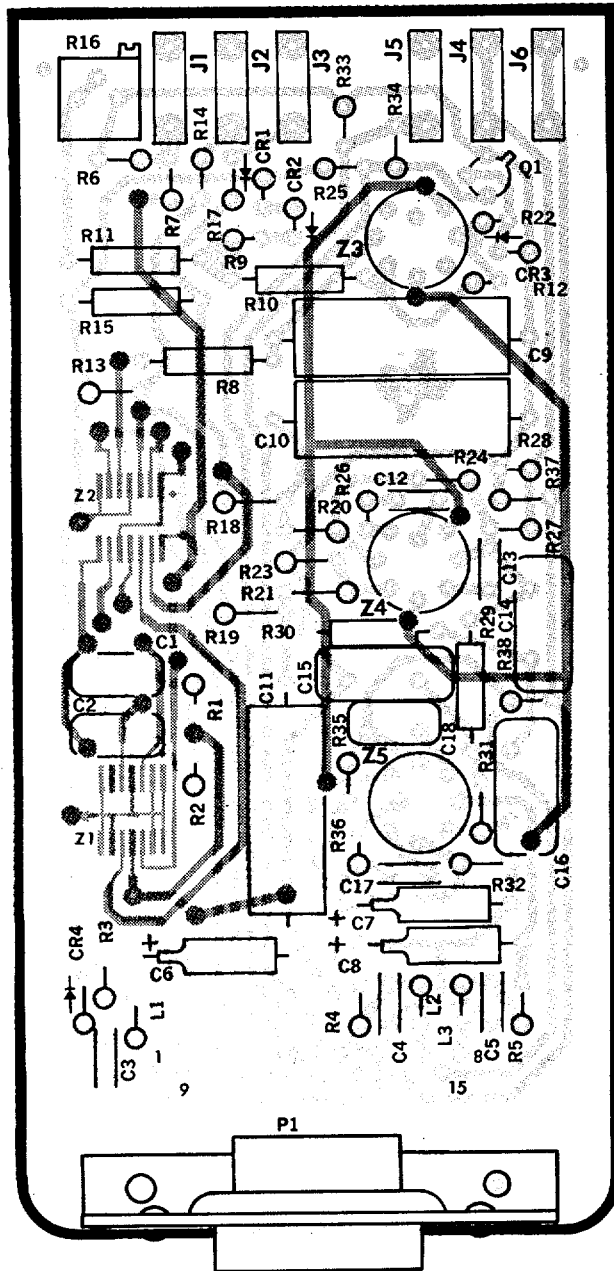


EL5850-241-34P-TM-7

Figure 7. Rate detector assembly.

SECTION II REPAIR PARTS LIST (CONTINUED)

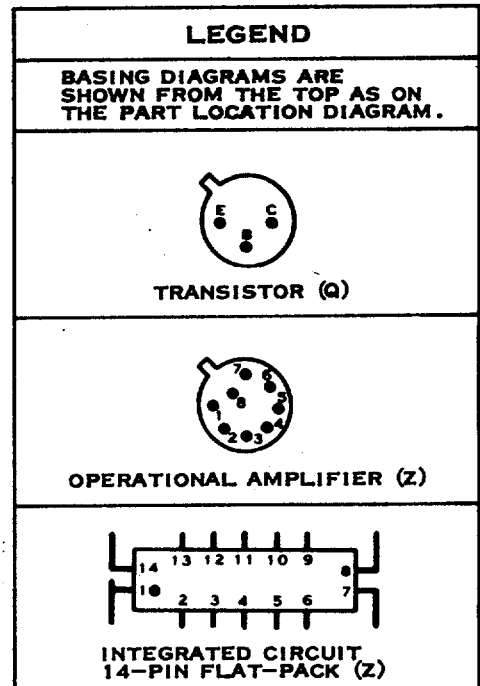
(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
8	17	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	3
8	18	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
8	19	PADZZ	5961-919-4224	SM-C-201390-1	80063	INSULATOR, DISK	EA	1
8	20	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
8	21	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	5
8	22	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	3
8	23	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	10
8	24	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	4
8	25	PADZZ	5905-189-2477	RN60D4992F	81349	RESISTOR, FIXED, FILM	EA	1
8	26	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	1
8	27	PADZZ	5905-189-2474	RN60D4750F	81349	RESISTOR, FIXED, FILM	EA	1
8	28	PADZZ	5905-192-3876	RN60D1503F	81349	RESISTOR, FIXED, FILM	EA	1
8	29	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
8	30	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	4
8	31	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
8	32	PADZZ	5905-050-9538	RN60D4421F	81349	RESISTOR, FIXED, FILM	EA	2
8	33	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	1
8	34	PADZZ	5905-451-7533	RN60D6811F	81349	RESISTOR, FIXED, FILM	EA	1
8	35	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	1
8	36	PADZZ		SM-D-2017397-2	80063	INTEGRATED CIRCUIT, FLIP-FLOP	EA	1
8	37	PADZZ	5962-117-6089	SM-D-2017454-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	1
8	38	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 1A1A6 CONTROLLER, RECEIVER SYNCHRONIZATION ASSEMBLY	EA	3
9	1	PADZZ	5910-847-7288	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
9	2	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	6
9	3	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
9	4	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	5
9	5	PADZZ	5910-229-7757	SM-D-2017484-6	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
9	6	PADZZ	5910-051-2232	SM-D-2017484-5	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
9	7	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
9	8	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
9	9	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
9	10	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
9	11	PADZZ	5935-131-9697	M139024-11-05	81349	JACK, TIP	EA	1
9	12	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
9	13	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
9	14	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	1
9	15	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	1
9	16	PADZZ	5905-195-6404	RN60D3922F	81349	RESISTOR, FIXED, FILM	EA	1
9	17	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	2
9	18	PADZZ	5905-195-6379	RN60D1822F	81349	RESISTOR, FIXED, FILM	EA	1



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	J5	15	R19	23
C2	1	J6	16	R20	30
C3	2	L1	17	R21	30
C4	2	L2	17	R22	21
C5	2	L3	17	R23	30
C6	3	P1	18	R24	30
C7	3	Q1	20	R25	23
C8	3	R1	21	R26	31
C9	4	R2	21	R27	24
C10	4	R3	22	R28	23
C11	4	R4	22	R29	32
C12	5	R5	22	R30	33
C13	6	R6	23	R31	32
C14	7	R7	24	R32	34
C15	8	R8	25	R33	23
C16	7	R9	26	R34	24
C17	5	R10	27	R35	35
C18	6	R11	23	R36	31
CR1	9	R12	28	R37	23
CR2	9	R13	23	R38	24
CR3	9	R14	21	Z1	36
CR4	10	R15	23	Z2	37
J1	11	R16	29	Z3	38
J2	12	R17	21	Z4	38
J3	13	R18	23	Z5	38
J4	14				

NOTE - UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A5 OR 3A1A1A5

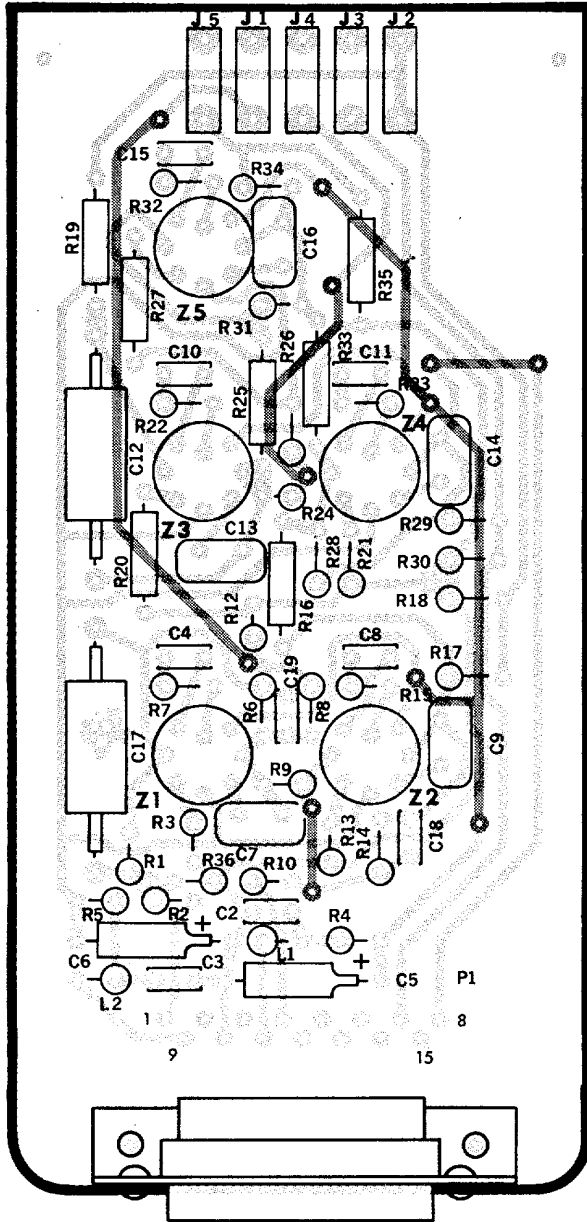


EL5850-241-34P-TM-8

Figure 8. Detector, fine phase.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
9	19	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	5
9	20	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	4
9	21	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	5
9	22	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	5
9	23	PADZZ	5905-025-5988	RN60D3321F	81349	RESISTOR, FIXED, FILM	EA	2
9	24	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	7
9	25	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM,	EA	1
9	26	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP: 1A1A7 DRIVER, MOTOR	EA	5
10	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	5
10	2	PADZZ	5910-936-1332	CSB13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
10	3	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
10	4	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
10	5	PADZZ	5961-995-2310	1N752A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
10	6	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
10	7	PADZZ	5935-131-9681	1139024-11-02	81349	JACK, TIP	EA	1
10	8	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
10	9	PADZZ	5950-921-3420	M590537-49	96906	COIL, RADIO FREQUENCY	EA	3
10	10	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
10	11	PADZZ	5999-411-7645	M24308-11-1	81349	CONTACT, ELECTRICAL	EA	15
10	12	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
10	13	PADZZ	5961-998-9324	2N3635	81349	TRANSISTOR	EA	2
10	14	PADZZ	5961-726-7836	2N3440	81349	TRANSISTOR	EA	1
10	15	PADZZ	5905-763-9309	RN60D3GR2F	81349	RESISTOR, FIXED, FILM	EA	3
10	16	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	2
10	17	PADZZ	5905-197-3172	RN60D2742F	81349	RESISTOR, FIXED, FILM	EA	2
10	18	PADZZ	5905-194-1694	RN60D4122F	81349	RESISTOR, FIXED, FILM	EA	1
10	19	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
10	20	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
10	21	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
10	22	PADZZ	5905-137-0806	RN60D9090F	81349	RESISTOR, FIXED, FILM	EA	2
10	23	PADZZ	5905-969-5856	RN60D3320F	81349	RESISTOR, FIXED, FILM	EA	1
10	24	PADZZ	5905-192-3479	RN60D0091F	81349	RESISTOR, FIXED, FILM	EA	3
10	25	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
10	26	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FILM	EA	1
10	27	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	1
10	28	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
10	29	PADZZ	5905-813-8640	RN65D5111F	81349	RESISTOR, FIXED, FILM	EA	2
10	30	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
10	31	PADZZ	5905-951-8527	RN65D301F	81349	RESISTOR, FIXED, FILM	EA	1
10	32	PADZZ	5905-227-5072	RN60D3920F	81349	RESISTOR, FIXED, FILM	EA	1
10	33	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	1



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C2	1	L1	12	R20	24
C3	1	L2	12	RZ1	21
C4	2	P1	13	R22	19
C5	3	R1	14	R23	19
C6	3	R2	15	R24	20
C7	4	R3	16	R25	25
C8	2	R4	17	R26	22
C9	4	R5	17	R27	24
C10	2	R6	18	R28	24
C11	2	R7	19	R29	20
C12	5	R8	20	R30	22
C13	4	R9	21	R31	24
C14	4	R10	21	R32	19
C15	2	R12	22	R33	24
C16	4	R13	23	R34	20
C17	6	R14	21	R35	22
C18	2	R15	19	R36	23
J1	7	R16	24	Z1	26
J2	8	R17	21	Z2	26
J3	9	R18	22	Z3	26
J4	10	R19	24	Z4	26
J5	11			Z5	26

NOTE: UNLESS OTHERWISE SPECIFIED  
 1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.  
 2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A6

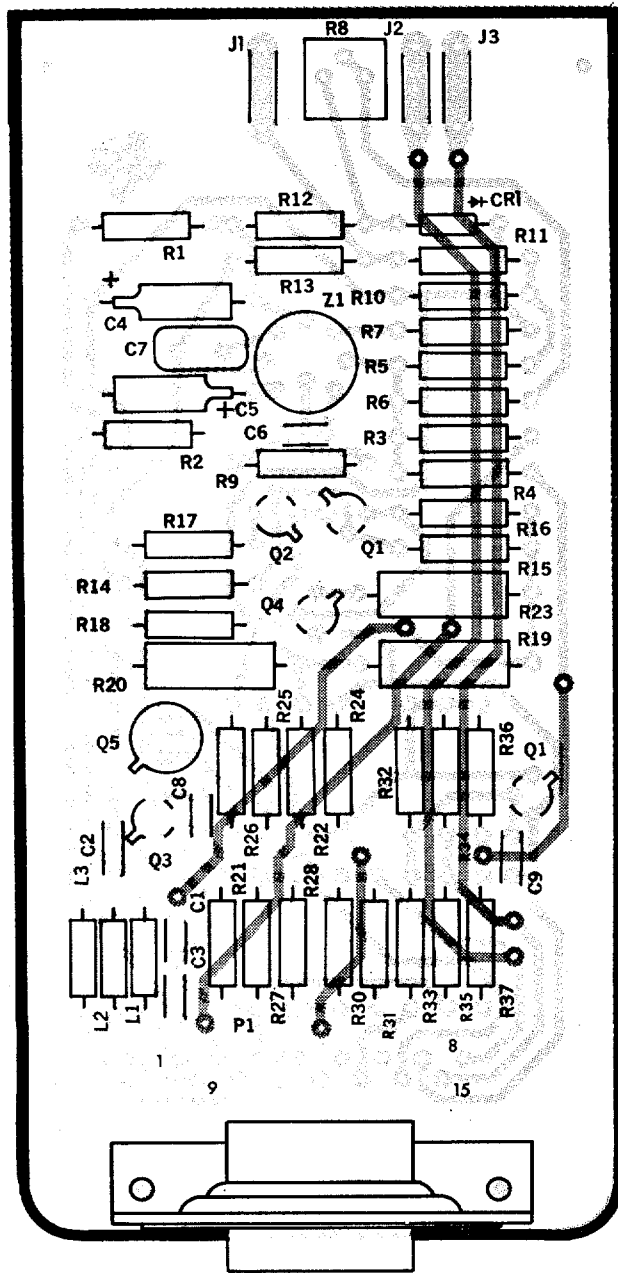
LEGEND
BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.
OPERATIONAL AMPLIFIER (Z)

EL5850-241-34P-TM-9

Figure 9. Controller, receiver synchronization assembly

SECTION II REPAIR PARTS LIST (CONTINUED)

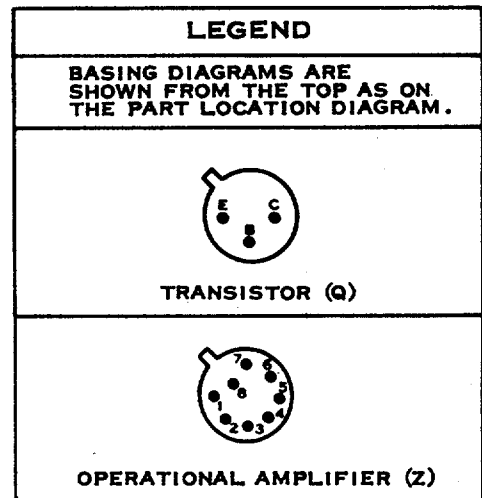
(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
10	34	PADZZ	5905-214-2927	RP60D5110F	81349	RESISTOR, FIXED, FILM	EA	3
10	35	PADZZ	5962-861-3220	SMD2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER ASSEMBLY GROUP: 1A1A8 DEMODULATOR SYNCHRONOUS	EA	1
11	1	PADZZ	5910-010-8718	CK06BX103K	81j49	CAPACITOR, FIXED, CERAMIC	EA	2
11	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
11	3	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
11	4	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	3
11	5	PADZZ	5910-832-8080	CM05CD180J03	81349	CAPACITOR, FIXED, DIELECTRIC	EA	1
11	6	PADZZ	5910-450-5239	SM-D-2017484-1	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
11	7	PADZZ	5910-051-2232	SM-D-2017484-5	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
11	8	PADZZ		SM-D-2017446-1	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
11	9	PADZZ	5961-883-6064	1N749A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
11	10	PADZZ	5961-842-9864	1N914	8134Q	SEMICONDUCTOR DEVICE, DIODE	EA	6
11	11	PADZZ	5961-821-2309	1N751A	8134q	SEMICONDUCTOR DEVICE, DIODE	EA	2
11	12	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
11	13	PADZZ	5935-131-9681	MS9024-11-02	81349	JACK, TIP	EA	1
11	14	PADZZ	5935-131-9726	139024-11-06	81349	JACK, TIP	EA	1
11	15	PADZZ	5935-131-9728	M39024-11-08	8134Q	JACK, TIP	EA	1
11	16	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
11	17	PADZZ	5935-490-3743	124308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
11	18	PADZZ		SM-D-2017405-2	80063	TRANSISTOR	EA	1
11	19	PADZZ	5905-195-6379	RN60D1822F	81349	RESISTOR, FIXED, FILM	EA	3
11	20	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	4
11	21	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1
11	22	PADZZ	5905-463-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	2
11	23	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	3
11	24	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	1
11	25	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	1
11	26	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	1
11	27	PADZZ	5905-192-3479	RN60D9091F	8134q	RESISTOR, FIXED, FILM	EA	1
11	28	PADZZ	5905-432-6410	RN6ODIOOIF	81349	RESISTOR, FIXED, FILM	EA	1
11	29	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	2
11	30	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
11	31	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	1
11	32	PADZZ	5905-104-0922	RT24C2P502	81349	RESISTOR, VARIABLE	EA	1
11	33	PADZZ	5905-689-1966	RN60D6810F	81349	RESISTOR, FIXED, FILM	EA	1
11	34	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER ASSEMBLY GROUP: 1A1A9 AMPLIFIER, ROLL POWER	EA	3
12	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
12	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
12	3	PADZZ		SM-D-2017446-5	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
12	4	PADZZ	5910-490-0139	SM-D-2017460-1	80063	CAPACITOR, FIXED, FILM	EA	1



C1	1	Q4	13	R18	28
Q2	1	Q5	14	R19	29
C3	1	Q6	12	R20	29
C4	2	R1	15	R21	15
C5	2	R2	15	R22	30
C6	3	R3	16	R23	31
C7	4	R4	17	R24	32
C8	1	R5	17	R25	33
C9	1	R6	18	R26	34
CR1	5	R7	16	R27	34
J1	6	R8	19	R28	21
J2	7	R9	20	R30	22
J3	8	R10	21	R31	35
L1	9	R11	22	R32	34
L2	9	R12	23	R33	21
L3	9	R13	24	R34	24
P1	10	R14	25	R35	24
Q1	12	R15	25	R36	21
Q2	13	R16	26	R37	21
Q3	12	R17	27	Z1	35

NOTE: UNLESS OTHERWISE SPECIFIED

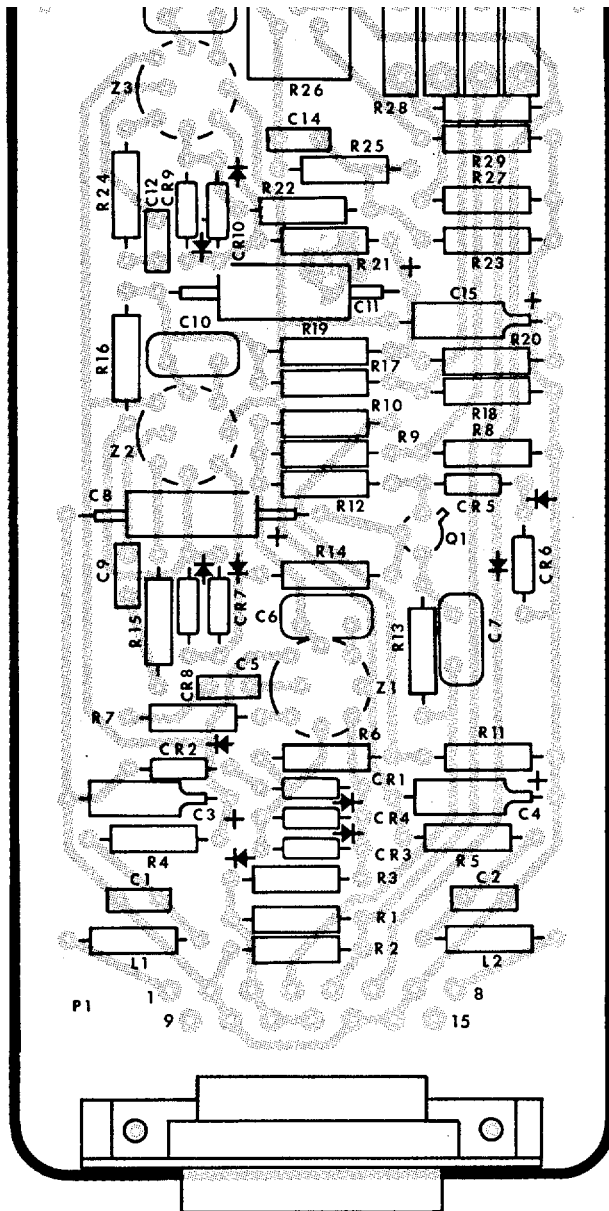
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A7 OR 3A1A1A7



EL5850-241-34P-TM-10

Figure 10. Motor driver.

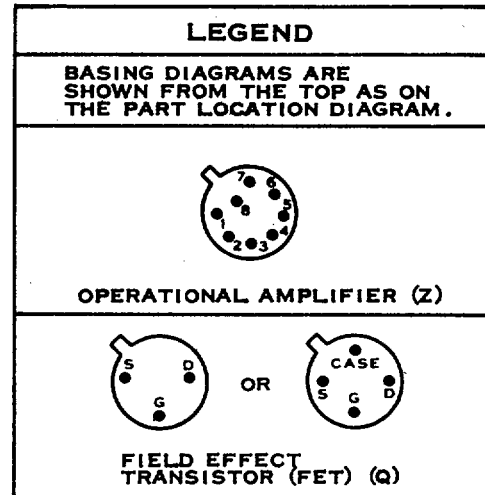




DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	CR8	10	R12	25
C2	1	CR9	10	R13	26
C3	2	CR10	10	R14	21
C4	2	J1	12	R15	23
C5	3	J2	13	R16	21
C6	4	J3	14	R17	27
C7	5	J4	15	R18	28
C8	6	L1	16	R19	29
C9	3	L2	16	R20	30
C10	4	P1	17	R21	21
C11	7	Q1	18	R22	29
C12	3	R1	19	R23	31
C13	4	R2	20	R24	33
C14	8	R3	21	R25	21
C15	2	R4	22	R26	32
CR1	9	R5	22	R27	20
CR2	9	R6	21	R28	19
CR3	10	R7	23	R29	33
CR4	10	R8	20	Z1	34
CR5	11	R9	19	Z2	34
CR6	11	R10	24	Z3	34
CR7	10	R11	20		

NOTE - UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A8

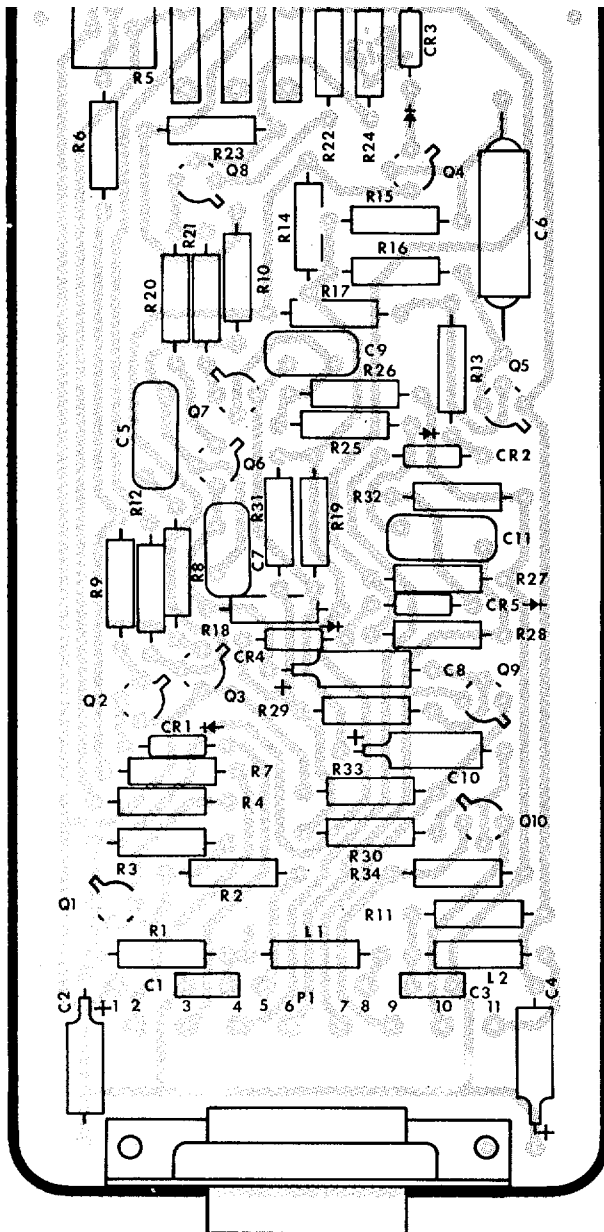


EL5850-241-34P-TM-11

Figure 11. Demodulator synchronous assembly.

SECTION II REPAIR PARTS LIST (CONTINUED)

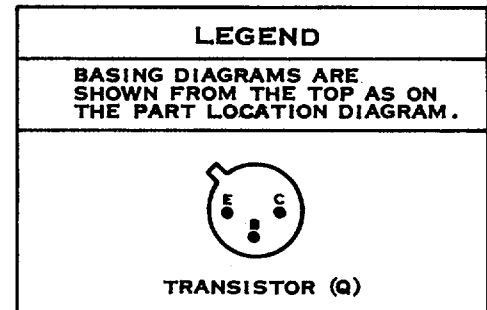
(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
12	5	PADZZ	5910-088-1146	CM05FD331J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
12	6	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	5
12	7	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
12	8	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
12	9	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
12	10	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
12	11	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
12	12	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
12	13	PADZZ	5961-946-6643	2N2432	81349	TRANSISTOR	EA	2
12	14	PADZZ	5061-91q-4224	SM-C-2019390-1	80063	INSULATOR, DISK	EA	7
12	15	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	7
12	16	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	2
12	17	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	7
12	18	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
12	19	PADZZ	5905-432-6410	R160D1001F	81349	RESISTOR, FIXED, FILM	EA	4
12	20	PADZZ	5905-104-0922	RT24C2P502	81349	RESISTOR, VARIABLE	EA	1
12	21	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	6
12	22	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	1
12	23	PADZZ	5905-452-0773	RN600D8252F	81349	RESISTOR, FIXED, FILM	EA	1
12	24	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	1
12	25	PADZZ	5905-195-6384	RN60D3012F	81349	RESISTOR, FIXED, FILM	EA	1
12	26	PADZZ	5905-078-8293	RN60D1821F	81349	RESISTOR, FIXED, FILM	EA	2
12	27	PADZZ	5905-702-9485	R560D22R1F	81349	RESISTOR, FIXED, FILM	EA	2
12	28	PADZZ	5905-709-2958	RN60D8253F	81349	RESISTOR, FIXED, FILM	EA	1
12	29	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	1
12	30	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM	EA	1
12	31	PADZZ	5905-189-2474	RN60D4750F	81349	RESISTOR, FIXED, FILM	EA	2
						GROUP: 1A1A10 GENERATOR, ROLL LIMIT SENSOR AND SAMPLE PULSE		
13	1	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
13	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
13	3	PADZZ	5910-487-8424	CS05FD391J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
13	4	PADZZ	5910-176-7322	CMR05ED270J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
13	5	PADZZ	5910-456-0812	CM806FD511J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
13	6	PADZZ	5910-790-3781	C106PD222J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
13	7	PADZZ	5910-846-8703	CTM103VAJ	81349	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
13	8	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
13	9	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
13	10	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
13	11	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	5
13	12	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
13	13	PADZZ	5935-131-9681	1f39024-11-02	81349	JACK, TIP	EA	1



C1	1	Q1	12	R13	23
C2	2	Q2	13	R14	17
C3	1	Q3	13	R15	24
C4	2	Q4	15	R16	17
C5	3	Q5	15	R17	25
C6	4	Q6	15	R18	26
C7	5	Q7	15	R19	26
C8	2	Q8	15	R20	27
C9	5	Q9	15	R21	27
C10	2	Q10	15	R22	19
C11	3	R1	16	R23	21
CR1	6	R2	17	R24	21
CR2	6	R3	18	R25	28
CR3	6	R4	19	R26	17
CR4	6	R5	20	R27	19
CR5	6	R6	17	R28	27
J1	7	R7	21	R29	21
J2	8	R8	21	R30	21
J3	9	R9	22	R31	30
L1	10	R10	17	R32	19
L2	10	R11	16	R33	31
P1	11	R12	17	R34	31

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A9

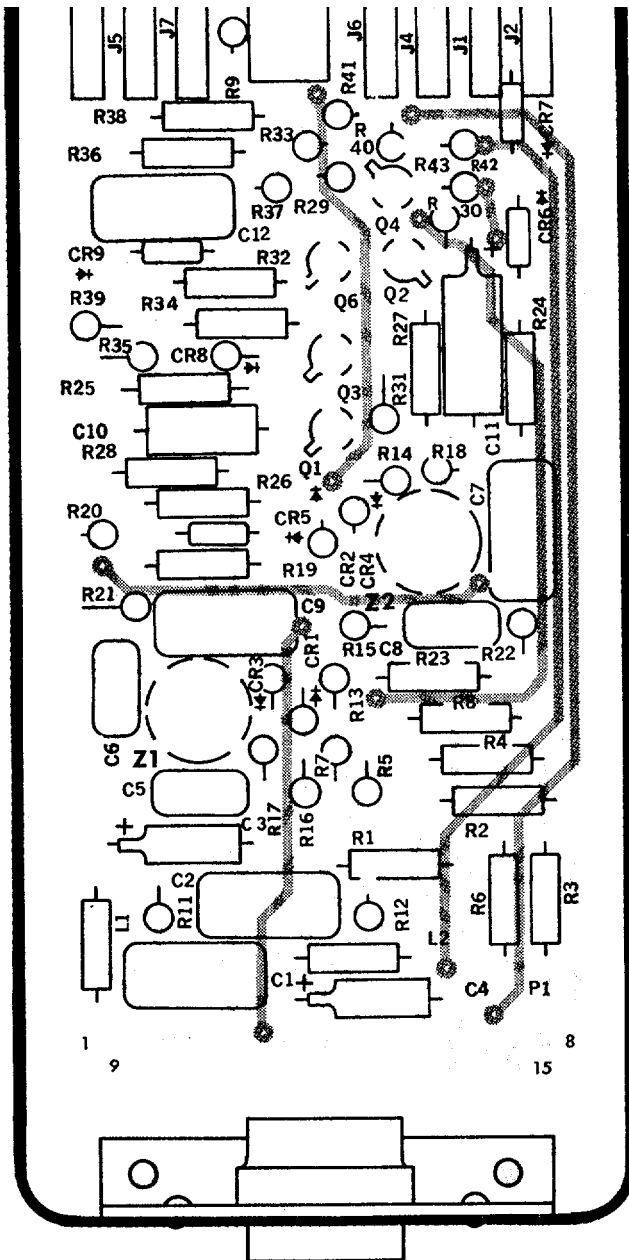


EL5850-241-34P-TM-12

Figure 12. Amplifier, roll power assembly

## SECTION II REPAIR PARTS LIST (CONTINUED)

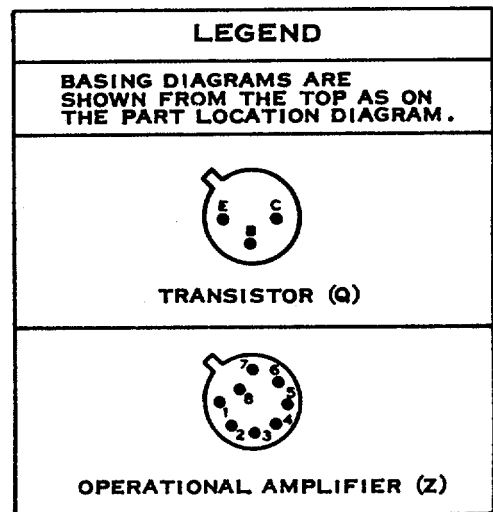
(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
13	14	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
13	15	PADZZ	5935-131-9728	5439024-11-08	81349	JACK, TIP	EA	1
13	16	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
13	17	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
13	18	PADZZ	5935-132-2309	8M39024-11-10	81349	JACK, TIP	EA	1
13	19	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
13	20	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
13	21	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	4
13	22	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
13	23	PADZZ	5905-941-7697	RN60D1873F	81349	RESISTOR, FIXED, FILM	EA	4
13	24	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	5
13	25	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	12
13	26	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	3
13	27	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
13	28	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	4
13	29	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
13	30	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	2
13	31	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	2
13	32	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3
13	33	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	2
13	34	PADZZ	5905-189-2479	RN60D5622F	81349	RESISTOR, FIXED, FILM	EA	2
13	35	PADZZ	5905-192-3458	RN60D6812F	81349	RESISTOR, FIXED, FILM	EA	2
13	36	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FILM	EA	1
13	37	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP: 1A1A11 DETECTOR, TEST LAMP DRIVER AND GYRO LIMIT	EA	2
14	1	PADZZ	5910-938-4765	CSR13GI04KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
14	2	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
14	3	PADZZ	5910-839-3991	CSR13G105KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
14	4	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
14	5	PADZZ	5910-456-0812	CM06FD511J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
14	6	PADZZ	5910-176-7322	Cf05ED270J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
14	7	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
14	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
14	9	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
14	10	PADZZ	5961-951-5474	SM-C-2019440-1	80063	INSULATOR, PLATE	EA	2
14	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
14	12	PADZZ	5945-406-3076	SM-D-2017461-2	80063	RELAY, ARMATURE	EA	2
14	13	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
14	14	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
14	15	PADZZ	5961-951-8757	2N2222A	8134q	TRANSISTOR	EA	1
14	16	PADZZ	5961-913-1747	2N2907	8134q	TRANSISTOR	EA	1



C1	1	J7	10	R19	31
C2	1	L1	19	R20	32
C3	2	L2	19	R21	25
C4	2	P1	20	R22	25
C5	3	Q1	21	R23	32
C6	4	Q2	21	R24	33
C7	5	Q3	21	R25	25
C8	4	Q4	22	R26	25
C9	6	Q6	21	R27	34
C10	7	R1	23	R28	35
C11	8	R2	24	R29	28
C12	9	R3	33	R30	25
CR1	10	R4	24	R31	31
CR2	10	R5	25	R32	25
CR3	10	R6	24	R33	33
CR4	10	R7	26	R34	23
CR5	11	R8	27	R35	24
CR6	11	R9	28	R36	35
CR7	11	R10	29	R37	28
CR8	11	R11	30	R38	23
CR9	11	R12	30	R39	24
J1	12	R13	25	R40	25
J2	13	R14	25	R41	32
J3	14	R15	25	R42	36
J4	15	R16	25	R43	28
J5	16	R17	26	Z1	37
J6	17	R18	26	Z2	37

NOTE - UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A10

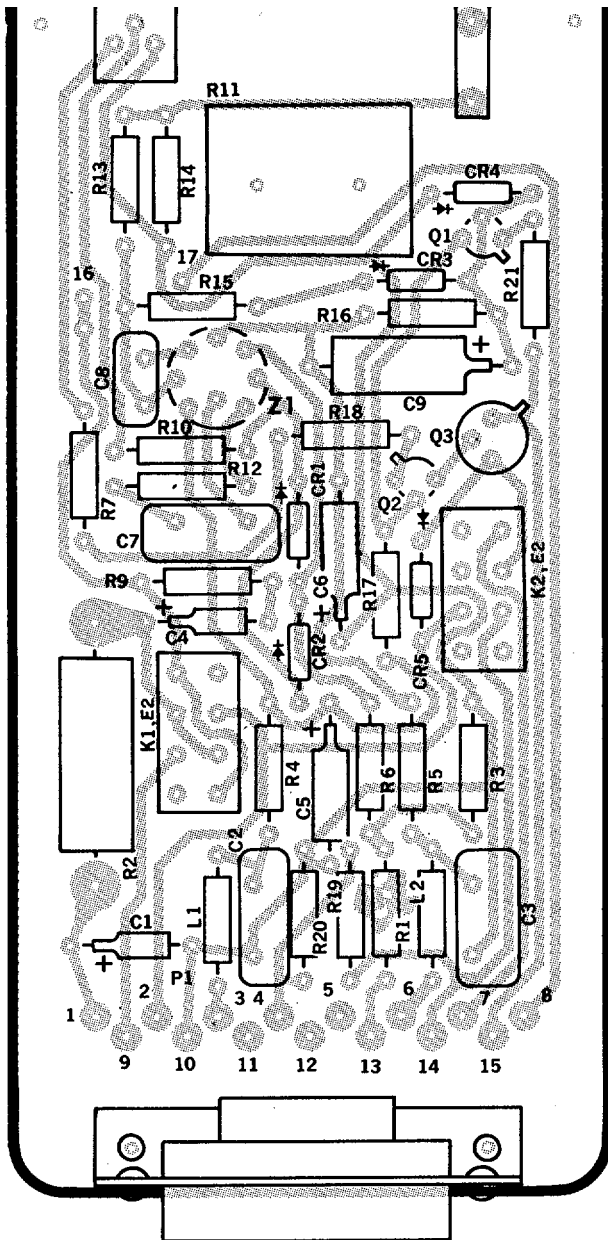


EL5850-241-34P-TM-13

Figure 13. Generator, roll limit sensor and sample pulse.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNI T
(A) FIG NO	(B) ITEM NO							
14	17	PADZZ	5961-752-6081	2N657	81349	TRANSISTOR	EA	1
14	18	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	2
14	19	PADZZ	5905-928-1437	RW74U7R50F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
14	20	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
14	21	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	2
14	22	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	4
14	23	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	2
14	24	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
14	25	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
14	26	PADZZ		M22-15-00011UB	81349	RESISTOR, VARIABLE, POWER	EA	1
14	27	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
14	28	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	1
14	29	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	1
14	30	PADZZ	5905-189-2479	RN60D5622F	81349	RESISTOR, FIXED, FILM	EA	1
14	31	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	1
14	32	PADZZ	5905-941-7697	RN60D1873F	81349	RESISTOR, FIXED, FILM	EA	1
14	33	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, AMPLIFIER GROUP: 1A1A2 RECEIVER AND ROLL COMPENSATION HEATSINK ASSEMBLY	EA	1
15	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
15	2	PADZZ		SD2017446-5	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
15	3	PADZZ	5961-978-5966	1N1614	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
15	4	PADZZ	5935-489-9999	24308-4-3	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
15	5	PADZZ	5961-923-3951	2N2151	81349	TRANSISTOR	EA	3
15	6	PADZZ	59600-99973'5	164-10	05277	TRANSISTOR	EA	1
15	7	PADZZ	5961-405-0465	SM-D-2019501-1	80063	TRANSISTOR	EA	1
15	8	PADZZ	5905-905-7761	RE60G1000	81349	RESISTOR, FIXED, WIREWOUND	EA	3
15	9	PADZZ	5905-947-0897	RE60G10R0	81349	RESISTOR, FIXED, WIREWOUND	EA	2
15	10	PADZZ	5905-827-6619	RE75GR237	81349	RESISTOR, FIXED, WIREWOUND	EA	1
15	11	PADZZ	5905-003-5678	RE70GR237	81349	RESISTOR, FIXED, WIREWOUND	EA	1
15	12	PADZZ	5930-903-1641	SM-D-2017390-1	80063	SWITCH, THERMOSTAT GROUP: 1A2 RECEIVER VIDEO PREAMPLIFIER ASSEMBLY	EA	1
16	1	PAFDD	5850-409-8101	SM-D-2018982	80063	DETECTOR, ASSEMBLY CODE SPIKE	EA	1
16	2	PAFDD	5850-197-1764	SM-D-2018985	80063	PREAMPLIFIER, VIDEO	EA	8
16	3	PAHZZ	5935-990-1481	MS3122E14-19P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
16	4	PAHZZ	5935-225-2151	SM-D-2017433-3	0063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
16	5	XADZZ		SM-D-2017444-1	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
16	6	PAHZZ	5995-415-1639	SM-C-2018929	80063	CABLE ASSEMBLY, PREAMPLIFIER, VIDEO NO. 1	EA	1
16	7	PAHZZ	5995-415-1640	SM-C-2019730	80063	CABLE ASSEMBLY, PREAMPLIFIER, VIDEO NO. 2	EA	1
16	8	PAHZZ	5995-414-6365	SM-C-2019731	80063	CABLE ASSEMBLY, PREAMPLIFIER, VIDEO NO. 3	EA	1
16	9	PAHZZ	5995-422-2115	SM-C-2019732	80063	CABLE ASSEMBLY, PREAMPLIFIER VIDEO NO. 4	EA	1



C2	2	K2	12	R9	25
C3	2	L1	13	R10	22
C4	3	L2	13	R11	26
C5	4	PI	14	R12	27
C6	4	Q1	15	R13	22
C7	5	Q2	16	R14	28
C8	6	Q3	17	R15	29
C9	7	R1	18	R16	30
CR1	8	R2	19	R17	23
CR2	8	R3	20	R18	31
CR3	9	R4	21	R19	32
CR4	9	R5	21	R20	18
CR5	9	R6	22	R21	22
E2	10	R7	23	Z1	33
J1	11				

NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A11

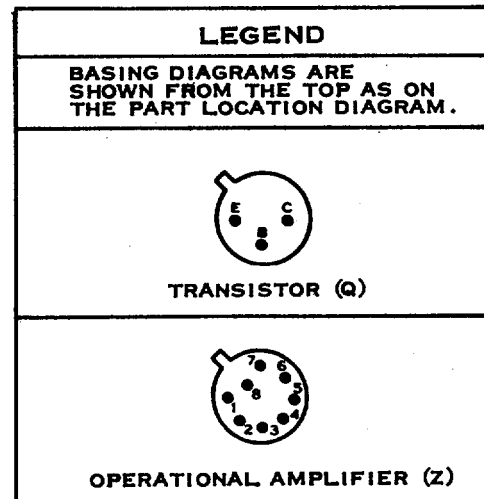
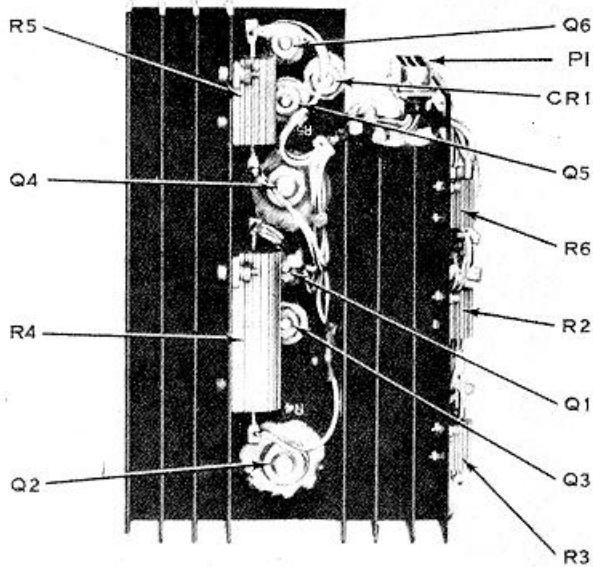
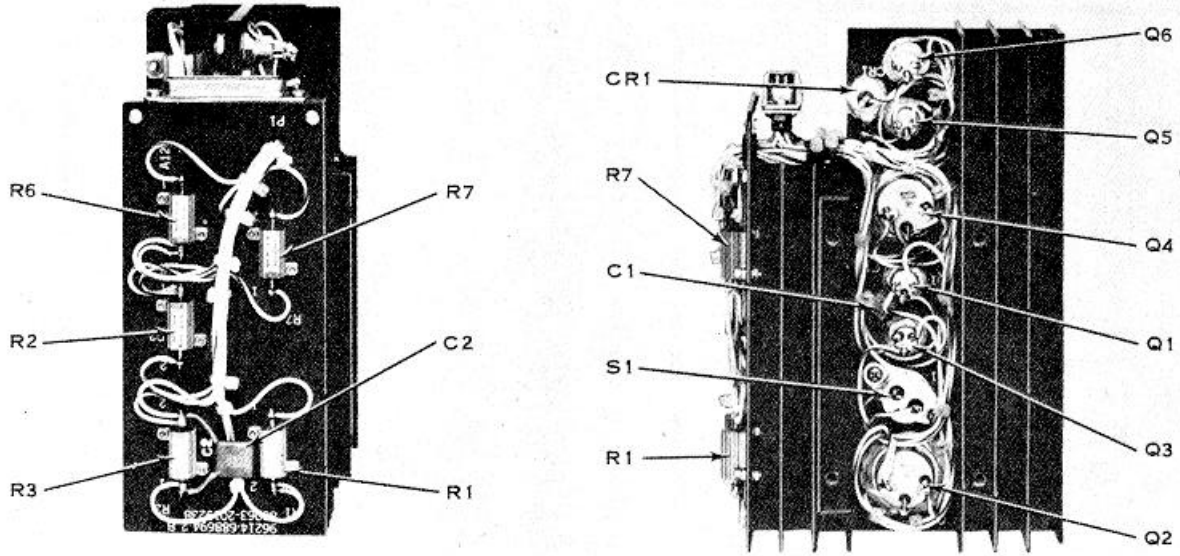


Figure 14. Detector, test lamp driver and gyro limit



LEGEND	
BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM	
	POWER TRANSISTOR (Q)
	POWER TRANSISTOR (Q)

NOTE: UNLESS OTHERWISE SPECIFIED 1, FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A1A12

DESIG	C1	C2	CR1	PI	Q1	Q2	Q3	Q4	Q5	Q6	R1	R2	R3	R4	R5	R6	R7	SI
ITEM	1	2	3	4	5	6	7	6	5	5	8	9	8	10	11	9	8	12

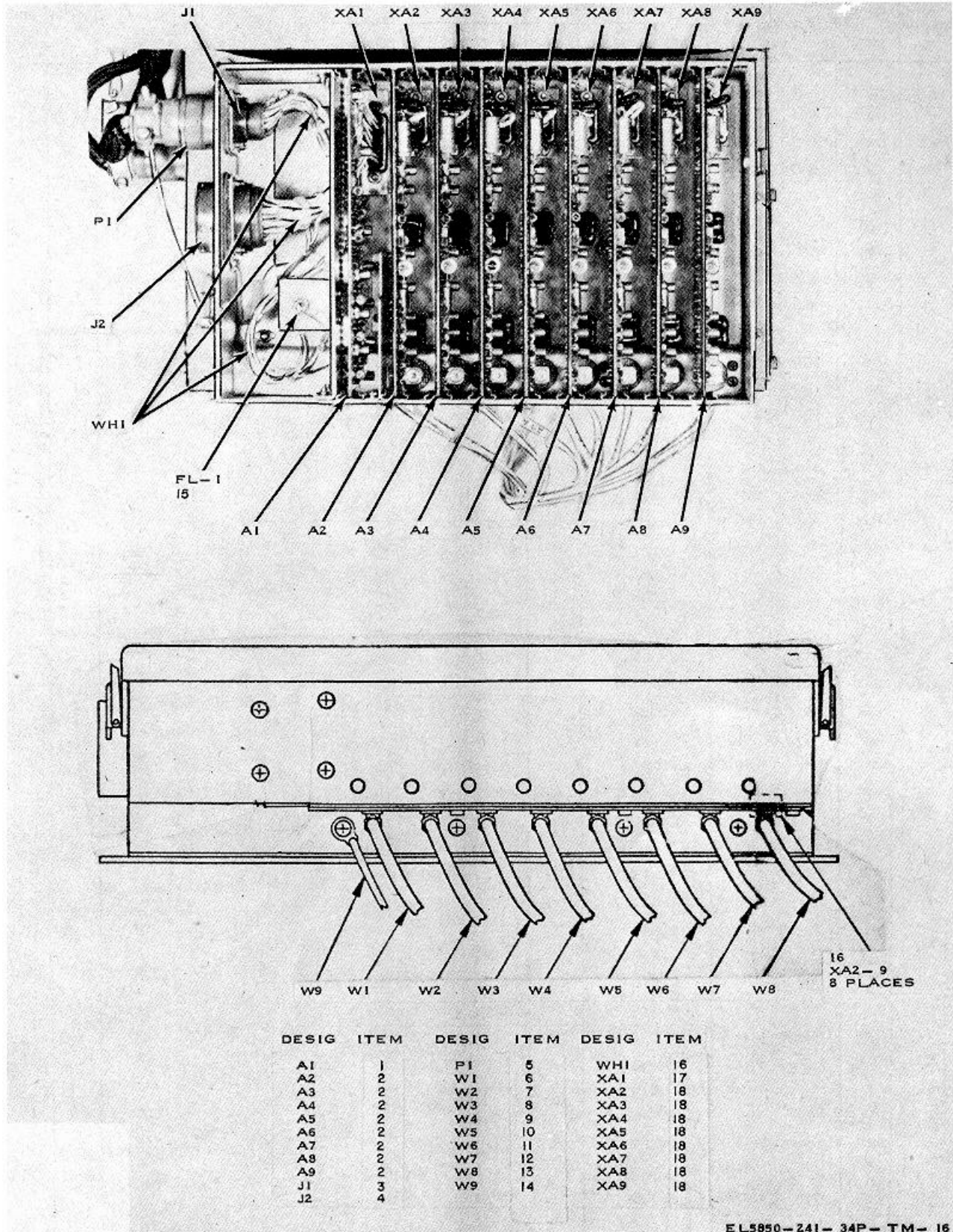
EL5850-241-34P-TM-15

Figure 15. Receiver synchronization and roll compensation heat sink



SECTION II REPAIR PARTS LIST (CONTINUED)

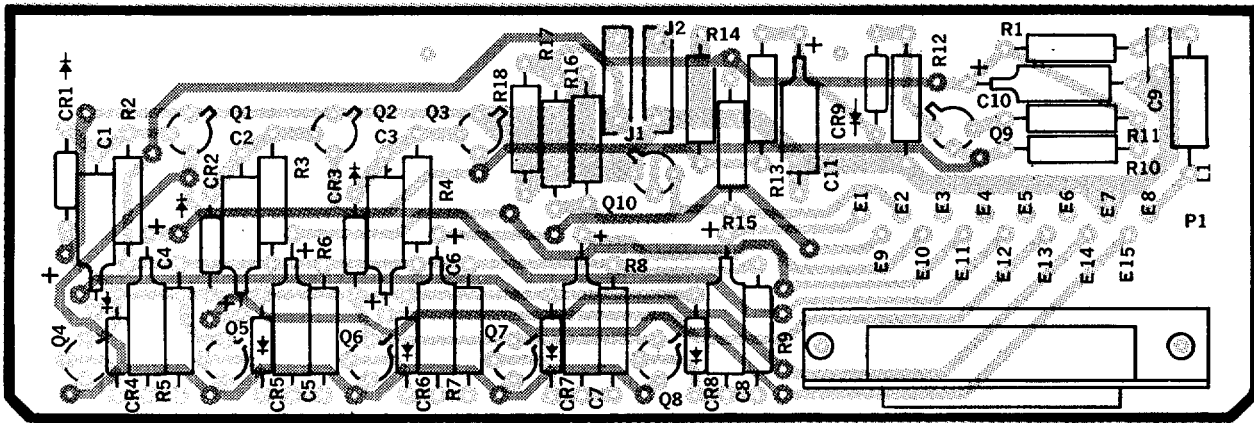
(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
16	10	PAHZZ	5995-417-3088	SM-C-2019733	80063	CABLE ASSEMBLY, PREAMPLIFIER, VIDEO NO. 5	EA	1
16	11	PAHZZ	5995-422-2114	SM-C-2019734	80063	CABLE ASSEMBLY, PREAMPLIFIER, VIDEO NO. 6	EA	1
16	12	PAHZZ	5995-433-0855	SM-C-2019735	80063	CABLE ASSEMBLY, PREAMPLIFIER, VIDEO NO. 7	EA	1
16	13	PAHZZ	5995-416-8284	SM-C-2019736	80063	CABLE ASSEMBLY, PREAMPLIFIER, VIDEO NO. 8	EA	1
16	14	PAHZZ	5995-480-7662	SM-C-2019703	80063	CABLE, SPECIAL PURPOSE, ELECTRICAL	EA	1
16	15	PAFZZ		SM-D-2017438-1	80063	FILTER, ELECTROMAGNETIC	EA	1
16	16	PAHHD	5995-480-1300	SM-E-2019707	80063	WIRING HARNESS, PREAMPLIFIER PACKAGE	EA	1
16	17	PAHZZ	5935-432-6513	SM-C-2017494-1	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
16	18	PAHZZ	5935-945-9555	SM-D-2017383-3	80063	CONNECTOR, RECEPTACLE, ELECTRICAL GROUP: 1A2A1 DETECTOR, COLD SPIKE	EA	8
17	1	PADZZ	5910-469-5604	CSR13G475ML	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	8
17	2	PADZZ	5910-010-8666	CK05BX102K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
17	3	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
17	4	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	9
17	5	PADZZ	5999-411-7645	M24308-11-1	81349	CONTACT, ELECTRICAL	EA	15
17	6	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
17	7	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
17	8	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	1
17	9	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
17	10	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	10
17	11	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	2
17	12	PADZZ	5905-452-0773	RN60D8252F	81349	RESISTOR, FIXED, FILM	EA	8
17	13	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	2
17	14	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	3
17	15	PADZZ	5905-195-6379	RN60D1822F	81349	RESISTOR, FIXED, FILM	EA	1
17	16	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	1
17	17	PADZZ	5905-983-6914	RN60D102F	81349	RESISTOR, FIXED, FILM GROUP: 1A2A2 THRU 1A2A9 PREAMPLIFIER VIDEO CHANNELS 1 THRU 8	EA	1
18	1	PADZZ	5910-839-3991	CSR13G105KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
18	2	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
18	3	PADZZ	5910-934-2923	CSR13G156KL	8134Q	CAPACITOR, FIXED, ELECTROLYTIC	EA	9
18	4	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	S
18	5	PADZZ	5910-144-4383	CSR13F226KL	R1349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
18	6	PADZZ	5910-460-0852	CM06FD471J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
18	7	PADZZ	5910-952-6432	C7106FD561J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
18	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
18	9	PADZZ	5961-848-7007	1N968B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
18	10	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
18	11	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	1
18	12	PADZZ	5935-937-2783	SM-C-2017439-1	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
18	13	PADZZ	5935-137-0590	S14-D-2017383-2	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1



EL5850-241-34P-TM-16

Figure 16. Receiver video preamplifier assembly

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	CR8	4	R2	12
C2	1	CR9	4	R3	12
C3	1	E15	5	R4	12
C4	1	J1	6	R5	12
C5	1	J2	7	R6	12
C6	1	L1	8	R7	12
C7	1	P1	9	R8	12
C8	1	Q1	10	R9	12
C9	2	Q2	10	R10	13
C10	3	Q3	10	R11	11
C11	3	Q4	10	R12	13
CR1	4	Q5	10	R13	14
CR2	4	Q6	10	R14	14
CR3	4	Q7	10	R15	14
CR4	4	Q8	10	R16	15
CR5	4	Q9	10	R17	16
CR6	4	Q10	10	R18	17
CR7	4	R1	11		



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A2A1

**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

**TRANSISTOR (Q)**

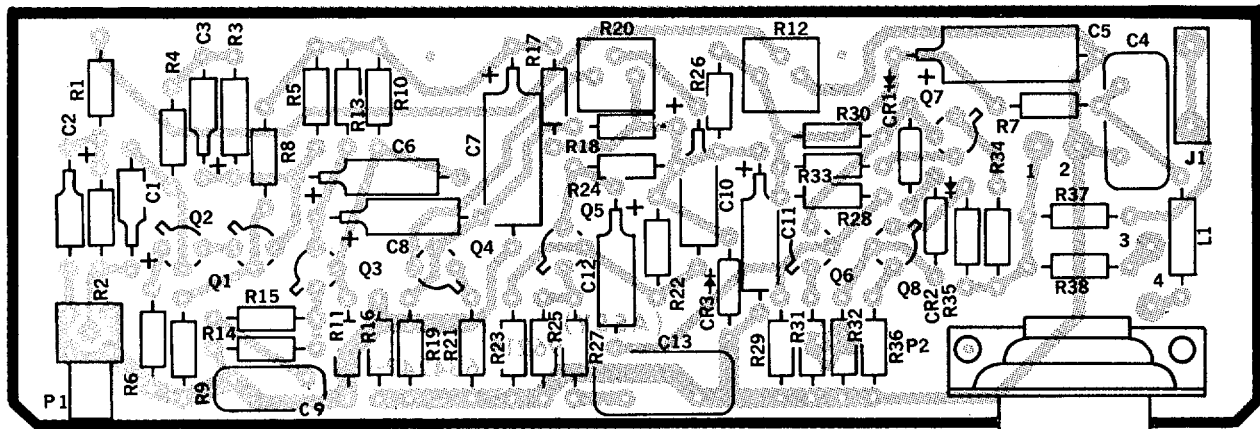
EL5850-241-34P-TM-17

Figure 17. Detector, cold spike

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNI T
(A) FIG NO	(B) ITEM NO							
18	14	PADZZ	5961-465-4192	SM-D-2017464-1	80063	TRANSISTOR	EA	2
18	15	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	4
18	16	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
18	17	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	1
18	18	PADZZ	5905-208-4283	RN55D1003F	81349	RESISTOR, FIXED, FILM	EA	1
18	19	PADZZ	5905-112-0966	RN55D3013F	81349	RESISTOR, FIXED, FILM	EA	3
18	20	PADZZ	5905-456-0592	RCRO7G915JS	81349	RESISTOR, FIXED, COMPOSITION	EA	1
18	21	PADZZ	5905-432-0432	RN55D825F	81349	RESISTOR, FIXED, FILM	EA	11
18	22	PADZZ	5905-068-4287	RN55D4751F	81349	RESISTOR, FIXED, FILM	EA	2
18	23	PADZZ	5905-045-4182	RN55D3320F	81349	RESISTOR, FIXED, FILM	EA	3
18	24	PADZZ	5905-926-8512	RN55D39R21	81349	RESISTOR, FIXED, FILM	EA	1
18	25	PADZZ	5905-432-0422	RN55D5111F	81349	RESISTOR, FIXED, FILM	EA	5
18	26	PADZZ	5905-763-3596	RN55D1823F	81349	RESISTOR, FIXED, FILM	EA	1
18	27	PADZZ	5905-889-0227	RN55D2212F	81349	RESISTOR, FIXED, FILM	EA	2
18	28	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
18	29	PADZZ	5905-432-0381	RN55D1001F	81349	RESISTOR, FIXED, FILM	EA	1
18	30	PADZZ	5905-914-5977	RN55D1100F	81349	RESISTOR, FIXED, FILM	EA	1
18	31	PADZZ	5905-432-0380	RN55D1000F	81349	RESISTOR, FIXED, FILM	EA	1
18	32	PADZZ	5905-432-6388	RN55D6191F	81349	RESISTOR, FIXED, FILM	EA	1
18	33	PADZZ	5905-738-4795	RN55D3322F	81349	RESISTOR, FIXED, FILM	EA	3
18	34	PADZZ	5905-104-0922	RT24C2P502	81349	RESISTOR, VARIABLE	EA	1
18	35	PADZZ	5905-432-0431	RN55D825OF	81349	RESISTOR, FIXED, FILM	EA	2
18	36	PADZZ	5905-684-9777	RN55D9090F	81349	RESISTOR, FIXED, FILM	EA	1
18	37	PADZZ	5905-163-7092	RN55D2210F	81349	RESISTOR, FIXED, FILM	EA	1
18	38	PADZZ	5905-904-3668	RN55D2743F	81349	RESISTOR, FIXED, FILM	EA	1
18	39	PADZZ	5905-965-9122	RN55D6190F	81349	RESISTOR, FIXED, FILM	EA	1
18	40	PADZZ	5905-112-1292	RN5D47R5F	81349	RESISTOR, FIXED, FILM	EA	2
18	41	PADZZ	5905-479-3990	RN55D1002F	81349	RESISTOR, FIXED, FILM	EA	1
						GROUP: 1A3 REFRIGERATOR, CRYOGENIC ASSEMBLY HD-868/AAS-24		
19	1	XBDZZ		MS16995-27B	96906	SCREW, CAP SOCKET HEAD	EA	16
19	2	XBDZZ		MS35338-137B	96906	WASHER, LOCK	EA	16
19	3	XBDZZ		MS15795-807B	96906	WASHER, FLAT	EA	16
19	4	PADZZ	5850-409-0913	SM-C-2018887	80063	WINDOW ASSEMBLY, DETECTOR	EA	1
19	5	XBDZZ		SM-C-2019478-1	80063	GASKET	EA	1
19	6	PADZZ	5850-408-4993	SM-D-2018932	80063	DETECTOR ASSEMBLY PHY SEC CL (C)	EA	1
19	7	PADZZ	5305-940-9442	NAS1635-00-2	80205	SCREW, MACHINE	EA	4
19	8	PADZZ	5999-408-2643	SM-C-2018895	80063	MOUNT, THERMAL ISOLATOR	EA	1
19	9	XBDZZ		SM-C-2018898	80063	PLATE MOUNTING	EA	1
19	10	PADZZ	5850-174-3486	SM-C-2018908	80063	GETTER, CARBON	EA	1
19	11	PADZZ	5850-190-5225	SM-C-2018896	80063	CONDUCTOR, THERMAL	EA	1
19	12	XBDZZ		SM-C-2018897	80063	PLATE MOUNTING CONDUCTOR	EA	1

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	L1	11	R7	24	R23	33
C2	1	P1	12	R8	25	R24	25
C3	1	P2	13	R9	25	R25	35
C4	2	Q1	14	R10	26	R26	36
C5	3	Q2	14	R11	27	R27	37
C6	4	Q3	15	R12	28	R28	38
C7	5	Q4	15	R13	25	R29	33
C8	4	Q5	15	R14	29	R30	22
C9	6	Q6	15	R15	30	R31	39
C10	4	Q7	16	R16	31	R32	27
C11	4	Q8	17	R17	32	R33	23
C12	4	R1	18	R18	19	R34	40
C13	7	R2	19	R19	33	R35	40
CR1	8	R3	20	R20	34	R36	23
CR2	8	R4	21	R21	35	R37	25
CR3	9	R5	22	R22	19	R38	41
J1	10	R6	23				



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A2A2-A9

LEGEND	
BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.	
TRANSISTOR (Q)	

EL5850-241-34P-TM-18

Figure 18. Preamplifier, video channels 1 through 8

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
19	13	PADZZ	5905-421-8918	RCRO5G302JS	81349	RESISTOR, FIXED, COMPOSITION	EA	1
19	14	PAFZZ	4730-078-8345	SM-C-2019594-4	80063	PLUG, VALVE	EA	1
19	15	PAFZZ	4820-400-2194	514-C-2019694-1	80063	VALVE, CROSS	EA	1
19	16	PADDL	5850-099-9500	SM-D-2018885	80063	HOUSING, VACUUM, CHAMBER, REFRIGERATOR	EA	1
19	17	PADZZ	5895-924-4980	WS-C-2019388	80063	COLLET, MACHINE	EA	1
19	18	PADZZ		SM-C-2019386-2	80063	COLLAR, INTERNALLY TAPERED	EA	1
19	19	PAFZZ	4730-942-9180	SM-C-201Q385-2	80063	NUT	EA	1
19	20	PAFZZ	5895-946-2771	SM-C-2019606-1	80063	TUBE COPPER	EA	1
19	21	XBFZZ		SM-C-2019528-22	80063	SCREW, MACHINE	EA	2
19	22	XBFZZ		SM-C-2019522-7	80063	WASHER, FLAT	EA	2
19	23	XBFZZ		9f4-C-2019521-4	80063	WASHER, LOCK	EA	2
19	24	XBFZZ		SM-C-2019524-4	80063	SCREW, MACHINE	EA	4
19	25	XBFZZ		SM-B-2018907	80063	PLATE, INSTRUCTION, CONFIDENTIAL	EA	1
19	26	XBFZZ	5305-439-2737	MS51957-12B	96906	SCREW, MACHINE	EA	2
19	27	XBDZZ		SM-C-2018894	80063	SCREW, FOCUSING REFRIGERATOR	EA	1
19	28	XBDZZ	5340-298-6564	MS16624-4025	96906	RING, RETAINING	EA	2
19	29	XBFZZ		SM-C-2019503-2	80063	SCREW, CAP, SOCKET	EA	4
19	30	PADZZ	5330-469-6837	93-D-2019695-2	80063	SEAL	EA	1
19	31	XDDZZ		NAS1352C08LN8	80205	SCREW, NYLON	EA	4
19	32	PADZD	5850-201-3637	B3850017	31949	CYLINDER-HEAT STATION	EA	1
19	33	XBDZZ	5310-933-8119	IS35338-137	96906	WASHER, LOCK	EA	6
19	34	XBDZZ	5305-988-7602	1AS16995-26	96906	SCREW, CAP, SOCKET HEAD	EA	6
19	35	PADDL	5850-465-6010	SM-D-2018883	80063	REFRIGERATOR, CRYOGENIC	EA	1
19	36	PADZZ	5935-044-6810	MS3110E10-6P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
19	37	PADZZ	6645-230-3753	95C8CV	31949	METER, TIME TOTALIZING	EA	1
19	38	PADZZ	5935-958-8462	MS3116E10-6S	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
19	39	PADZZ	5935-847-2803	SM-C-2017430-1	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	10
19	40	PAFZZ	4130-222-9134	SM-D-2019820-1	80063	LINE RETURN	EA	1
19	41	PAFZZ	4130-222-9132	SM-D-2019820-2	80063	LINE SUPPLY	EA	1
19	42	XBFZZ		9A-D-2018893-1	80063	BRACKET, FOCUS, REFRIGERATOR	EA	1
19	43	XBDZZ		SM-D-2018893	80063	BRACKET, FOCUS, REFRIGERATOR	EA	1
19	44	XBDZZ		SM-D-2018892	80063	BRACKET, MOUNT REFRIGERATOR	EA	1
19	45	PADZZ	5330-469-8219	SM-C-2019696-1	80063	SEAL	EA	1
19	46	PADZZ	4130-222-9127	13385-0014	31949	FITTING ASSEMBLY, SUPPLY	EA	1
19	47	PADZZ	5330-469-8289	c-12E515-8	83259	PACKING, PREFORMED	EA	1
19	48	PADZZ	5330-993-4671	3-4E515-8	83259	PACKING, PREFORMED	EA	1
19	49	XBDZZ		D3851003	31949	HOUSING, GEARMOTOR	EA	1
19	50	XBDZZ	5310-687-6737	NAS102/C04	80063	NUT, FLEX-LOCK	EA	2
19	51	PADZZ	5935-925-6266	MS3114H10-6P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
19	52	PADZZ	5330-469-8288	2-19E515-8	83259	PACKING, PREFORMED	EA	1
19	53	PADZZ	5855-127-1104	A3734045	31949	CAP, DISPLACER, NO. 1	EA	1
19	54	PADZZ	5850-201-3627	D3821047	31949	GEAR MOTOR ASSEMBLY	EA	1

## SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
19	55	XBDZZ	5315-913-0467	CR201	00141	KEY, WOODRUFF	EA	1
19	56	PADZZ	5360-445-5357	57-96-97	31949	SPRING, VALVE	EA	2
19	57	PADZZ	5360-445-5356	57-96-94	31949	SPRING, VALVE	EA	2
19	58	PADZZ	5855-126-6468	B3734080	31949	VALVE, OPERATOR ASSEMBLY	EA	1
19	59	PADZZ	5310-713-0528	D6-1	00141	SPRING, PRELOAD	EA	1
19	60	PADZZ	5365-282-62q7	5555-12	79136	RING, RETAINING	EA	1
19	61	PADZZ	5855-126-6450	B3734024	31949	VALVE, INLET AND EXHAUST	EA	2
19	62	PADZZ	5855-126-6419	B3734039	31949	CRANK, DRIVE	EA	1
19	63	PADZZ	3110-469-8254	A3543128	31949	BEARING, BALL	EA	1
19	64	PADZZ	5330-469-8285	2-10E515-8	83259	PACKING, PREFORMED	EA	3
19	65	PADZZ	4130-222-9108	B3821077	31949	VALVE BODY ASSEMBLY, INLET	EA	1
19	66	PADZZ	5855-126-6484	A3734030	31949	CAM, ROLLER	EA	1
11	67	PADZZ	4130-222-9110	B3851013	31949	SEAL ASSEMBLY DRIVE ROD	EA	1
19	68	PADZZ	5330-469-8293	2-11E515-8	83259	PACKING, PREFORMED	EA	1
19	69	PADZZ	5855-126-6485	A3734041	31949	CLAMP, COLLAR	EA	1
19	70	PADZZ	4130-222-8128	B3850108	31949	FITTING ASSEMBLY, RETURN	EA	1
19	71	ADDDL		C3850090	31949	CRANK CASE-YOKE ASSEMBLY	EA	1
19	72	PADZZ	5330-776-4185	2-133E515-8	83259	PACKING, PREFORMED	EA	1
19	73	XBDZZ		A3850084	31949	PLUG	EA	2
19	74	PADZZ	5330-157-5979	3-904E515-8	83259	PACKING, PREFORMED	EA	1
1q	75	XBDZZ		A3734030	31949	CAP, DRIVE ROD	EA	1
19	76	PADZZ	5850-201-3639	B3850088	31949	COVER ASSEMBLY	EA	1
19	77	PADZZ	5330-776-4184	2-33E515-8	83259	PACKING, PREFORMED	EA	1
19	78	PADZZ	5330-469-8281	2-12E515-8	83259	PACKING, PREFORMED	EA	1
19	79	PADZZ	5855-127-8939	A3734078	31949	PIN, YOKE	EA	1
19	80	PADZZ	4130-222-910(	R1850082	31949	CRANK CASE SUBASSEMBLY	EA	1
19	81	PADZZ		3-90N5304-7	83259	PACKING, PREFORMED	EA	1
19	82	PADZZ	5315-951-6342	D3-625	00141	PIN, DOWEL	EA	2
19	83	PADZZ	5855-126-6449	B3734023	31949	VALVE BODY, EXHAUST	EA	1
19	84	PADZZ	4130-222-9107	B3734237	31949	DRIVE ROD-YOKE ASSEMBLY	EA	1
19	85	PADZZ	5330-469-8292	2-11N304-7	83259	PACKING, PREFORMED	EA	1
19	86	PADZZ	5310-469-8392	A3851014	31949	WASHER, SEAL RETAINING	EA	1
19	87	PADZZ	5161-411-1459	5000-56W	79136	RING, SNAP	EA	1
19	88	PADZD	5330-256-7398	B3734173	31949	RING, INSERTING	EA	1
19	89	PADZD	5850-201-3640	C3734068	31949	DISPLACER ASSEMBLY	EA	1
19	90	PADZD	5850-201-3629	A3734077	31949	PIN ASSEMBLY DISPLACER, SMALL	EA	1
19	91	PADZD	5855-127-8936	A3734056	31949	PIN, DISPLACER, LARGE	EA	1
19	92	PADZD	5855-126-6456	B3734143	31949	SEAL ASSEMBLY, SECOND STAGE	EA	1
19	93	PADZD	5850-201-8844	B3821046	31949	DISPLACER ASSEMBLY NO 2	EA	1
19	94	PADZD	5855-127-1028	B3734142	31949	SEAL ASSEMBLY, FIRST STAGE	EA	1
						GROUP: 1A4		
20	1	XBDDD		SM-D-2018824	80063	ROLL COMPENSATION ASSEMBLY	EA	1
						HOUSING, ROLL COMPENSATION		

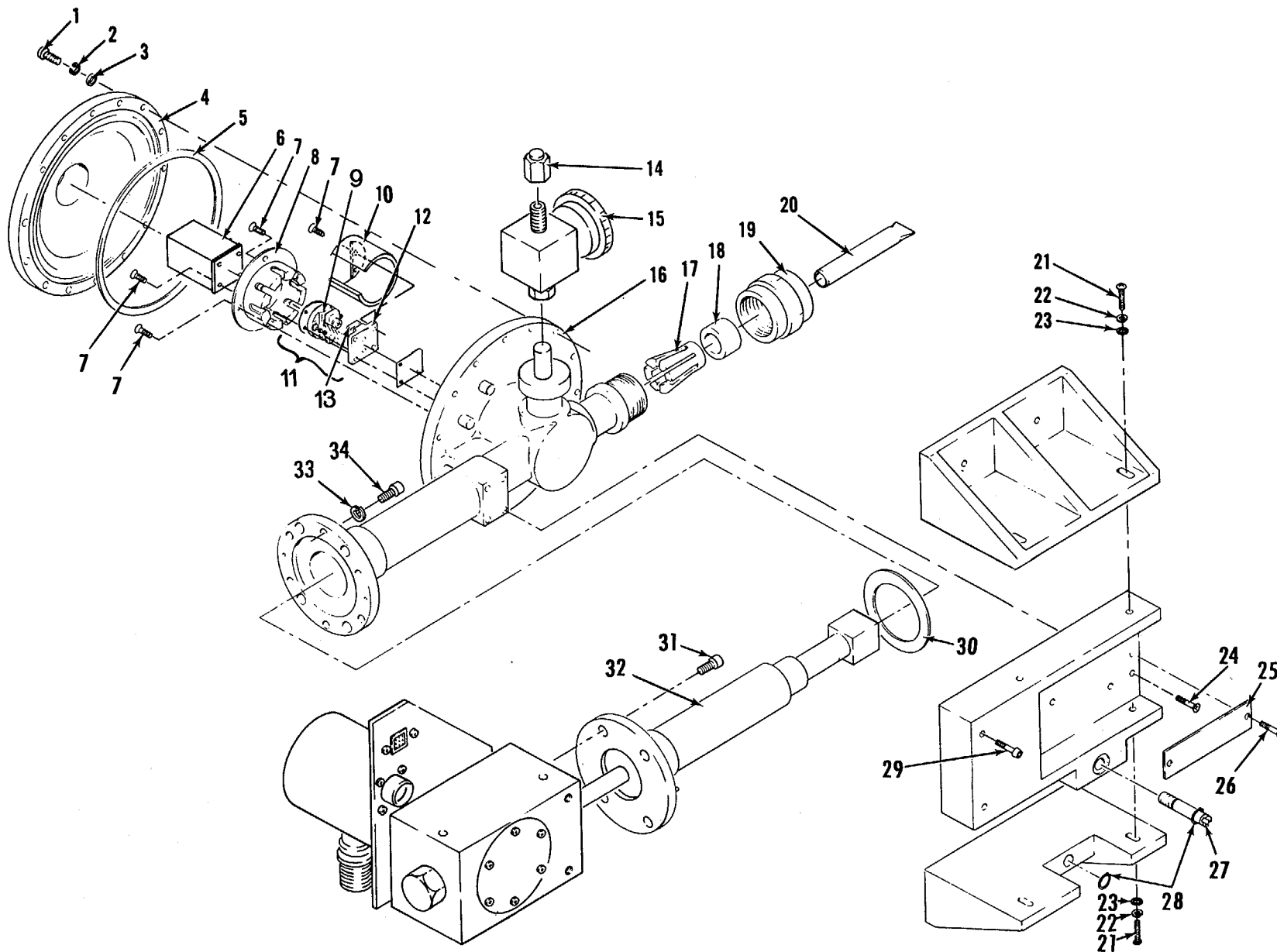
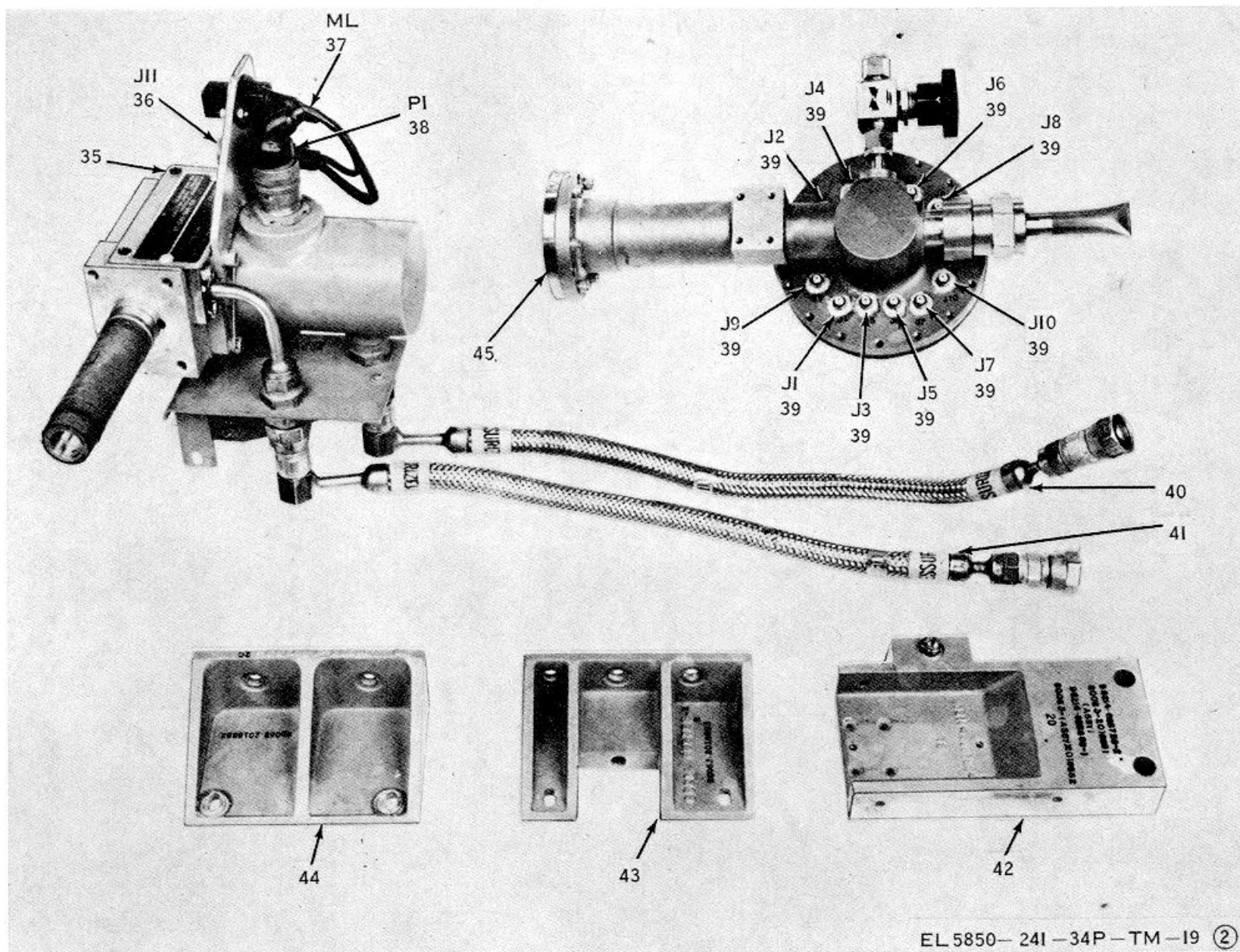


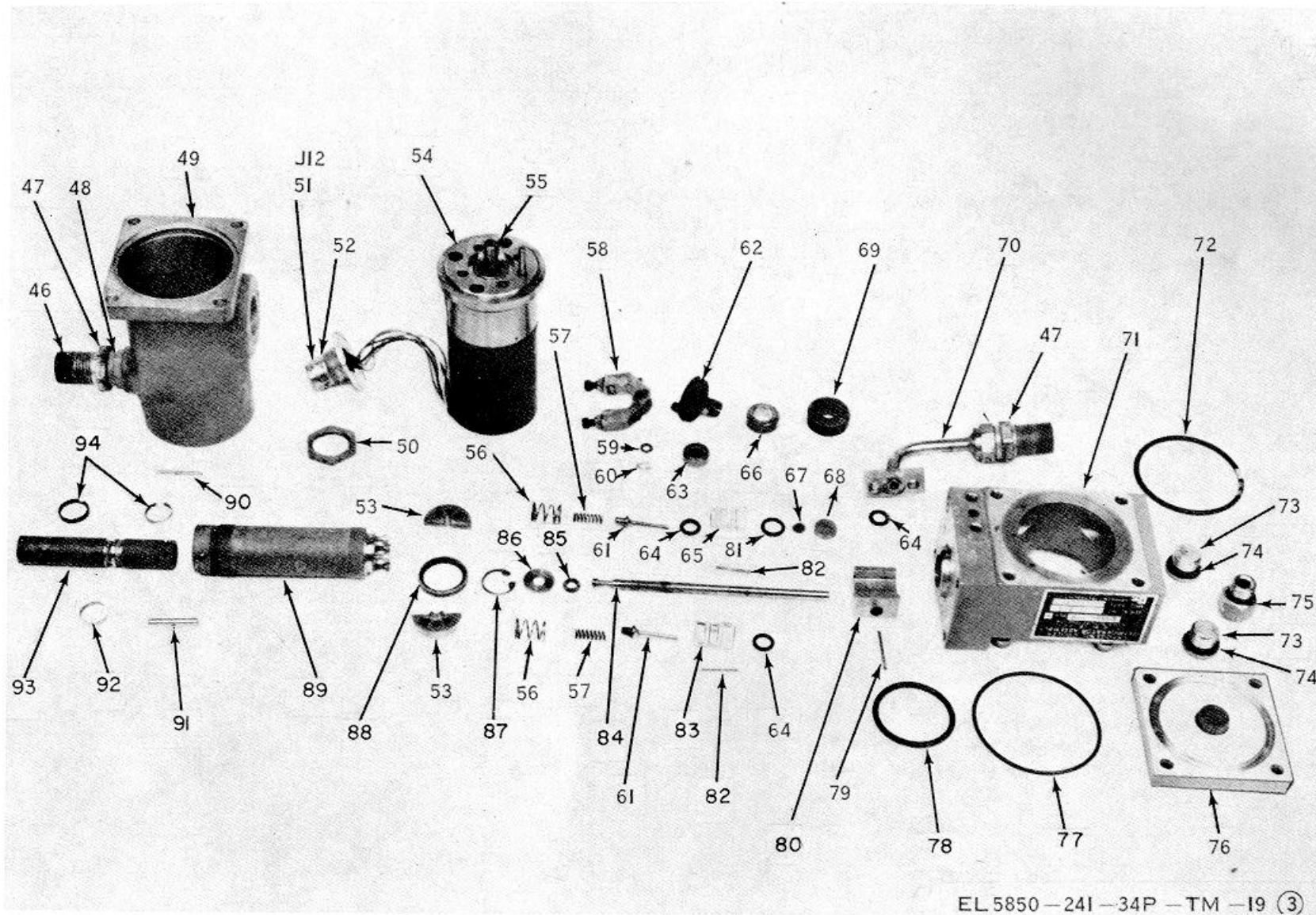
Figure 19 (1). Refrigerator, cryogenic assembly HD-868/AAS-24 (sheet 1 of 3)  
2-40





EL 5850-241-34P-TM-19 (2)

Figure 19 (2). Refrigerator, cryogenic assembly HD-868/AAS-24 (sheet 2 of 3)  
2-41



EL 5850-241-34P-TM-19 (3)

Figure 19 (3). Refrigerator, cryogenic assembly HD-868/AAS-24 (sheet 3 of 3)  
2-42

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
20	2	XBDZZ		SM-C-2038689-1	80063	SETSCREW	EA	1
20	3	PADZZ		SM-D-2019836	80063	GEAR ASSEMBLY	EA	1
20	4	PADZZ	3020-409-8087	SM-C-2018827	80063	GEAR SECTOR, ROLL COMPENSATION	EA	1
20	5	XBHZZ		SM-B-2018833	80063	SHIM, BEARING	EA	1
20	6	XBDZZ		MS16562-221	96906	PIN, SPRING	EA	2
20	7	XBHZZ	5305-455-2498	MS51959-4B	96906	SCREW, MACHINE	EA	2
20	8	PAHZZ	5950-252-5715	SM-C-2018017	80063	SENSOR, LIGHT	EA	2
20	9	XBDZZ		MS15795-804B	96906	WASHER, FLAT	EA	2
20	10	XBDZZ	5305-182-9459	MS51957-17B	96906	SCREW, MACHINE	EA	2
20	11	XBDZZ	5340-985-6633	SM-C-2017912-1	80063	CLAMP, LOOP	EA	4
20	12	XBHZZ		SM-C-2018831	80063	BRACKET, LIGHT SENSOR	EA	2
20	13	XBDZZ	5310-224-0746	MS35338-135B	96906	WASHER, LOCK	EA	2
20	14	XBDZZ	5310-255-0507	M535649-224B	96906	NUT, PLAIN, HEXAGON	EA	2
20	15	XBDZZ		SM-D-2018832	80063	RETAINER, DISK, REFERENCE MASK	EA	1
20	16	PADZZ	5850-197-1763	SM D-2018009	80063	DISK, REFERENCE MASK	EA	1
20	17	XBDZZ	5305-455-2507	MS51959-3B	96906	SCREW, MACHINE	EA	2
20	18	ADDDL		SM-D-2018825	80063	SUPPORT SENSOR	EA	1
20	19	XBHZZ	5305-459-4687	MS51957-14B	96906	SCREW, MACHINE	EA	4
20	20	PADZZ	5850-252-5716	9A-C-2018018	80063	LIGHT SOURCE ASSEMBLY	EA	2
20	21	XBHZZ		SM-C-2018829	80063	BRACKET, LIGHTSOURCE	EA	2
20	22	XBDZZ	5310-880-5976	MS15795-806	96906	WASHER, FLAT	EA	1
20	23	PAHZZ	5940-431-8457	SM-C-2018835	80063	TERMINAL BOARD	EA	1
20	24	PAHZD	5910-165-8502	SM-D-2017460-3	80063	CAPACITOR, FIXED, FILM	EP	2
20	25	AHHHH	5855-408-2616	SM-C-2018834	80063	CAPACITOR ASSEMBLY	EA	1
20	26	PAHZZ	5935-786-7408	MS3124E18-32P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
20	27	PAHZZ	3110-139-6897	SM-C-2019591-6	80063	BEARING BALL, ANNULAR	EA	2
20	28	PAHZZ	3110-707-3737	SM-C-2019465-1	80063	BEARING BALL, ANNULAR	EA	1
20	29	XBHZZ		SM-B-2018830	80063	NUT, PLAIN, HEXAGON	EA	1
20	30	XBHZZ	5340-875-5634	SM-C-2019369-1	80063	CLAMP GEAR	EA	1
20	31	PAHZZ	5990-433-2356	SM-D-2018828	80063	SYNCHRO, CONTROL TRANSFORMER	EA	1
20	32	XBDZZ	5975-020-3286	SM-D-2019348-4	80063	CLAMP, RIM CLINCHING	EA	4
20	33	PAHZZ	6105-186-6603	9t-C-2017374-1	80063	MOTOR, A C WITH GEARHEAD	EA	1
20	34	XBDZZ	5340-020-9221	SM-D-2019348-3	80063	CLAMP, RIM CLINCHING	EA	3
20	35	XBDZZ		9t-C-2019842	80063	DRUM ASSEMBLY TENSION GROUP: 1A4A5 CAPACITOR ASSEMBLY (SEE GROUP: 1A4 FOR PARTS LISTING) GROUP: 1A5 FILTER WHEEL ASSEMBLY	EA	1
21	1	XBDZZ	5305-182-9265	MS5197-43B	96906	SCREW, MACHINE	EA	4
21	2	XBDZZ		MS15795-807B	96906	WASHER, FLAT	EA	4
21	3	XBDZZ		SM-D-2018872	80063	SUPPORT, FILTER ASSEMBLY	EA	1
21	4	XBDZZ	5315-754-1844	MS171528	96906	PIN, SPRING	EA	1
21	5	PADZZ	3020-986-4217	SM-C-2019400-1	80063	GEAR, WORM WHEEL	EA	1
21	6	PADZZ	3110-625-9243	SM-C-2019467-2	80063	BEARING, BALL, ANNULAR	EA	2

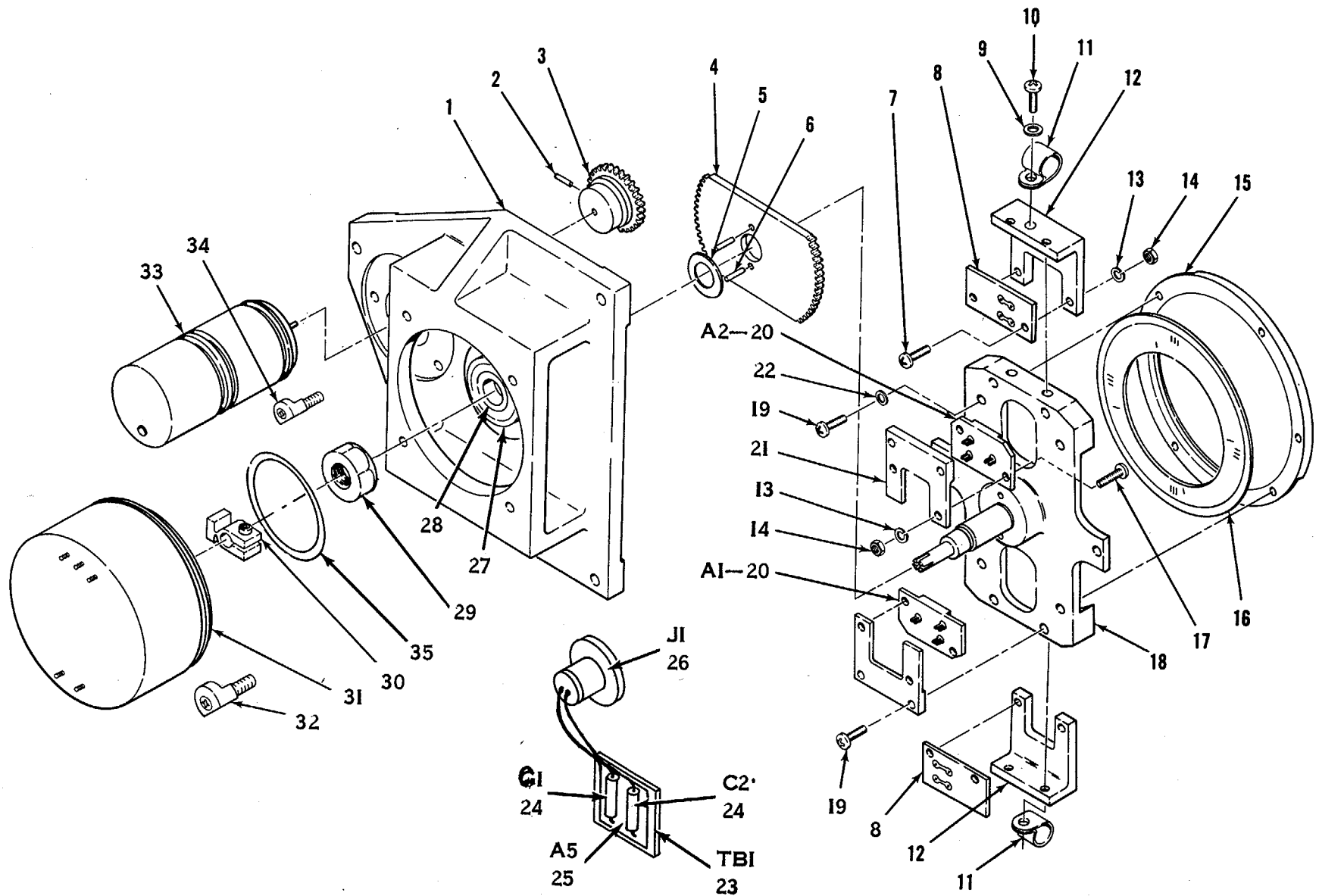


Figure 20. Roll compensation assembly.  
2-44

## SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
21	7	XBDZZ	5315-734-5592	MS171433	96906	PIN, SPRING	EA	1
21	8	PADZZ	3020-702-3693	SM-C-2019401-2	80063	GEAR, WORM	EA	1
21	9	XBDZZ	5315-460-5793	7S171434	96906	PIN, SPRING	EA	3
21	10	XBDZZ	5305-068-5276	MS16995-9	96906	SCREW, CAP, SOCKET HEAD	EA	4
21	11	PADZZ	5950-018-0988	MS90542-23	96906	COIL	EA	2
21	12	PADZZ	5910-010-8666	CK05BX102K	81349	CAPACITOR	EA	1
21	13	PADZZ	6105-186-6662	SM-D-2017402-1	80063	MOTOR, DIRECT CURRENT	EA	1
21	14	PADZZ	3010-702-3013	SM-C-2019403-1	80063	COUPLING, SHAFT, FLEXIBLE	EA	1
21	15	XBDZZ	5340-721-8187	MS16624-1018	96906	RING, RETAINING	EA	2
21	16	PADZZ	3110-648-3224	54-C-2019467-1	80063	BEARING, BALL, ANNULAR	EA	2
21	17	XBDZZ		51-B-2018873	80063	SHAFT, WORM GEAR-FILTER	EA	1
21	18	XBDZZ		SM-D-2018868	80063	HOUSING, FILTER ASSEMBLY	EA	1
21	19	PADZZ	5935-466-3394	2Q4308-4-1	81349	CONNECTOR, PLUG, ELECTRICAL	EA	2
21	20	XBFZZ	5310-194-3648	M15795-806B	96906	WASHER, FLAT	EA	1
21	21	XBFZZ		MS51957-26B	96906	SCREW, MACHINE	EA	1
21	22	XBDZZ	5305-763-3356	18S51959-5	96906	SCREW, MACHINE	EA	10
21	23	XBDZZ	5310-938-2013	MS35649-224	96906	NUT, PLAIN, HEXAGON	EA	10
21	24	PADZZ	5930-803-4570	MS24547-1	96906	SWITCH, SENSITIVE	EA	5
21	25	XBDZZ	5930-823-0853	SM-C-2019342-1	80063	ADAPTER, SWITCH, ACTUATOR	EA	5
21	26	XBDZZ		SM-B-2018874	80063	SCREW, MODIFIED	EA	2
21	27	PADZZ	5855-491-7079	SM-B-2018879-1	80063	FILTER, INFRARED	EA	1
21	28	ADDDL		51-C-2018875-1	80063	FILTER, ASSEMBLY	EA	1
21	29	XBDZZ	5315-234-7465	MS171525	96906	PIN, SPRING	EA	1
21	30	PADZZ	5855-491-9722	SM-B-2018879-2	80063	FILTER, INFRARED	EA	1
21	31	ADDDL		SM-C-2018875-2	80063	FILTER, ASSEMBLY	EA	1
21	32	PADZZ	5855-491-9723	SM-B-2018879-3	80063	FILTER, INFRARED	EA	1
21	33	ADDDL		SM-C-2018875-3	80063	FILTER ASSEMBLY	EA	1
21	34	ADDDL		SM-C-2018875-5	80063	FILTER ASSEMBLY	EA	1
21	35	PADZZ	5855-491-9724	SM-B-2018879-5	80063	FILTER, INFRARED	EA	1
21	36	PADZZ	5850-409-0912	SM-D-2018870	80063	WHEEL, FILTER	EA	1
21	37	PADZZ	5340-429-0730	SM-C-2019398-1	80063	PLUNGER, QUICK RELEASE	EA	1
21	38	XBDZZ	5305-959-0382	MS16995-17	96906	SCREW, CAP, SOCKET HEAD	EA	9
21	39	XBDZZ	5310-880-5976	MS15795-806	96906	WASHER, FLAT	EA	8
21	40	XBDZZ		SM-D-2018871	80063	PLATE, MOUNTING SWITCH	EA	1
21	41	XBDZZ	3040-843-4388	SM-C-2019573-2	80063	SHAFT GROUP: 1A6 COOLER RELAY ASSEMBLY	EA	1
22	1	XBDZZ		SM-C-2019522-3	80063	WASHER, FLAT	EA	4
22	2	XBDZZ		SM-C-2019528-6	80063	SCREW, MACHINE	EA	4
22	3	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
22	4	PADZZ	5945-068-3927	SM-D-2017401-11	80063	RELAY, ARMATURE	EA	1
22	5	XBDZZ	5310-933-8118	MS35338-135	96906	WASHER, LOCK	EA	4

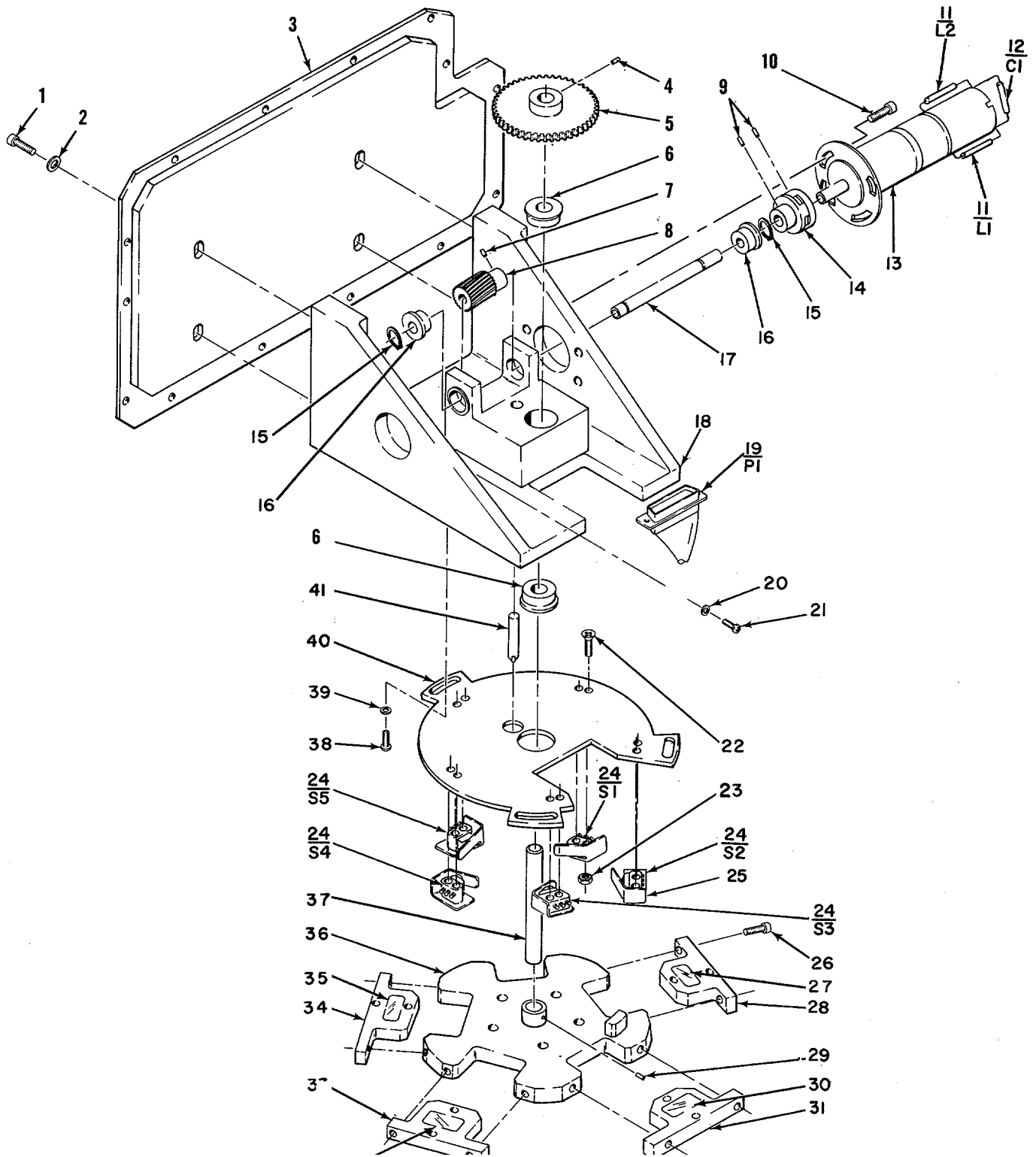


Figure 21. Filter wheel assembly

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
22	6	PADZZ	5935-715-2756	MS3126F10-65	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
22	7	XBDZZ	5310-934-9748	MS35649-244	96906	NUT, PLAIN, HEXAGON	EA	4
22	8	PADZZ	5325-174-5317	18S35489-4	96906	GROMMET, RUBBER	EA	1
22	9	PADZZ	5345-490-5199	SM-D-2019449-1	80063	RELAY, DETECTOR, PHASE SEQUENCE	EA	1
22	10	XBDZZ	5310-880-5976	SM-D-2019522-5	80063	WASHER, FLAT	EA	4
22	11	XBDZZ	5310-929-6395	MS35338-136	96906	WASHER, LOCK	EA	4
22	12	XBDZZ	5310-934-9761	MS35649-264	96906	NUT, PLAIN, HEXAGON	EA	4
22	13	PADZZ	5935-766-7964	MS3122E14-12P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
22	14	PADZZ		SM-C-2019520-4	80063	SCREW, MACHINE	EA	4
22	15	XBDZZ	5310-255-9805	SM-D-2019410-5	80063	NUT ASSEMBLY, RETAINER	EA	1
22	16	PADDL	5850-477-9949	SM-D-2018949	80063	CONTROL ASSEMBLY, REFRIGERATION	EA	1
22	17	XBDZZ		MS-51957-58	96906	SCREW, MACHINE	EA	4
22	18	XBDZZ	5310-433-3599	MS15795-802B	96906	WASHER, FLAT	EA	4
22	19	XBDZZ		MS35338-134B	96906	WASHER, LOCK	EA	4
23	1	PADZZ	5910-010-8666	CK05BX102K	81349	GROUP: 1A6A1 CONTROL, COOLER RELAY CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
23	2	PADZZ	5910-113-5499	CK06BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
23	3	PADZZ	5910-936-1525	CSR13G226ML	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
23	4	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
23	5	PADZZ	3910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
23	6	PADZZ	5961-852-5174	1N939B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
23	7	PADZZ	5961-995-2310	1N752A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
23	8	PADZZ	5961-894-0684	1N758A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
23	9	PADZZ	5961-852-7549	1N754A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
23	10	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	1
23	11	PADZZ	5961-954-8757	2N2222A	81349	TRANSISTOR	EA	1
23	12	PADZZ	5905-451-7522	RN600C5112F	81349	RESISTOR, FIXED, FILM	EA	4
23	13	PADZZ	5905-931-2764	RT24C2X103	81349	RESISTOR, VARIABLE	EA	1
23	14	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	2
23	15	PADZZ	5905-432-0468	RN60D3923F	81349	RESISTOR, FIXED, FILM	EA	1
23	16	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
23	17	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3
23	18	PADZZ	5905-159-6781	RT24C2X502	81349	RESISTOR, VARIABLE	EA	1
23	19	PADZZ	5905-789-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	1
23	20	PADZZ	5905-078-8293	RN60D1821F	81349	RESISTOR, FIXED, FILM	EA	1
23	21	PADZZ	5905-197-3172	RN60D2742F	81349	RESISTOR, FIXED, FILM	EA	1
23	22	PADZZ	5905-763-9311	RN60D52R3F	81349	RESISTOR, FIXED, FILM	EA	1
23	23	PADZZ	5905-702-9485	RN60D22R1F	81349	RESISTOR, FIXED, FILM	EA	1
23	24	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1
23	25	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPONENT	EA	1
23	26	PADZZ	5961-054-0339	SM-C-20194124	80063	INSULATOR, DISK	EA	1
24	1	PAFZZ	6240-230-0836	SM-C-2017450-1	80063	GROUP: 1A7 SELF-TEST LAMP ASSEMBLY LAMP CARTRIDGE	EA	1

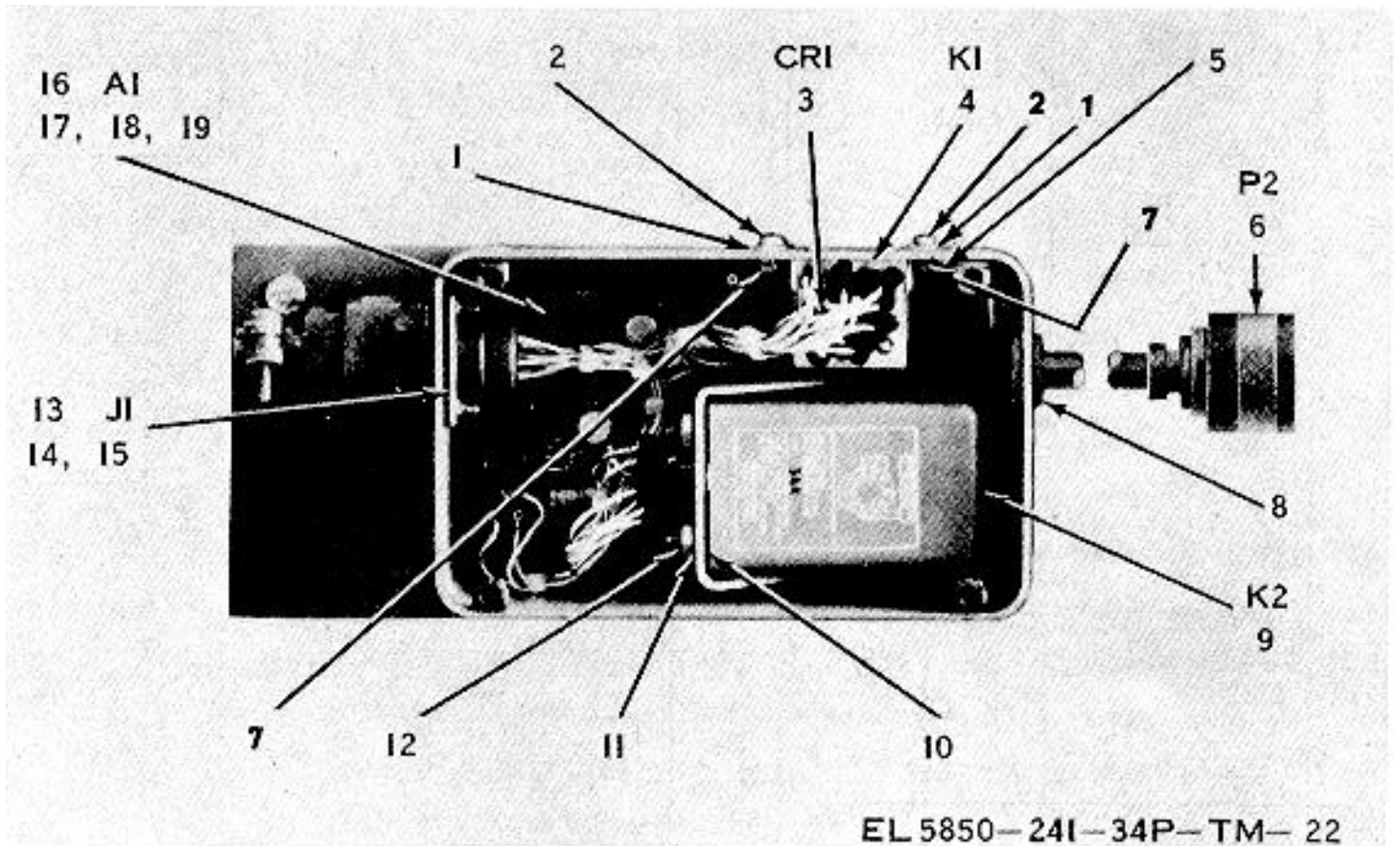
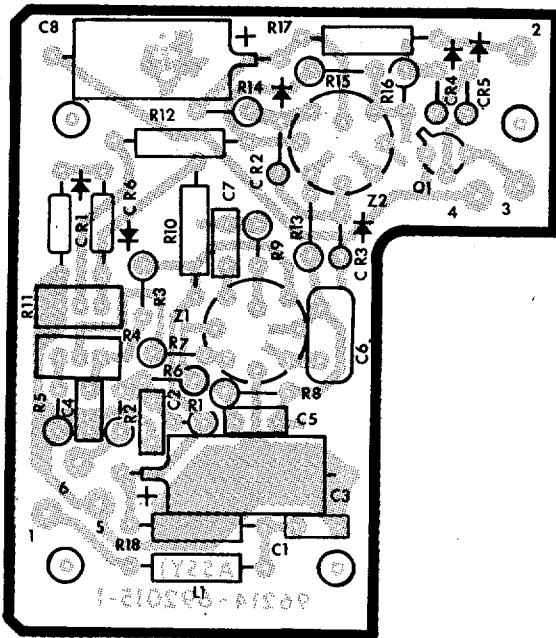


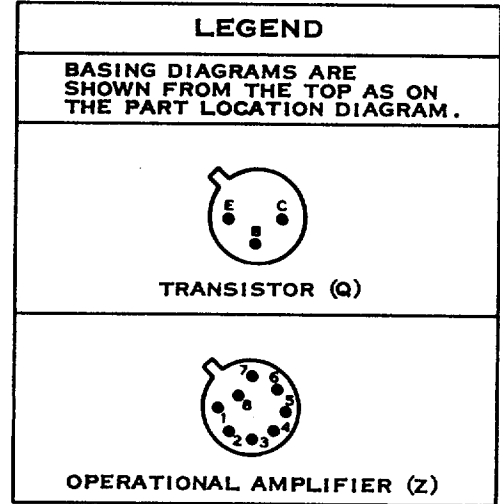
Figure 22. Cooler relay assembly





NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 1A6A1



LEGEND :

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	CR5	8	R9	16
C2	2	CR6	6	R10	17
C3	3	L1	10	R11	18
C4	2	Q1	11	R12	17
C5	2	R1	12	R13	19
C6	4	R2	12	R14	20
C7	5	R3	12	R15	21
C8	3	R4	13	R16	17
CR1	6	R5	12	R17	22
CR2	7	R6	14	R18	23
CR3	8	R7	14	Z1	24
CR4	9	R8	15	Z2	25

EL 5850- 241- 34 P- TM-23

Figure 23. Control, cooler relay

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
24	2	PAFZZ	6650-427-7858	91-C-2018963	80063	CAP, RETAINING, LENS	EA	1
24	3	PAFZZ	5850-409-0907	SM-C-2018964	80063	LENS, SELF TEST LAMP	EA	1
24	4	XBFZZ		SM-B-2018961	80063	CLAMP, MOUNTING	EA	1
24	5	XBFZZ		514-C-2018689-1	80063	SETSCREW  GROUP: 1A8 CONNECTOR AND MOUNT MOTOR ASSEMBLY	EA	1
25	1	PAFZZ	5935-901-1567	MS3122E12-3P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
25	2	PAFZZ	5910-436-8203	SM-D-2017446-3	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
25	3	PAFZZ	5940-503-6764	MS24036-101	96906	LUG, TERMINAL  GROUP: 1B1 MOTOR, SCAN MIRROR DRIVE (SEE GROUP: 1 FOR PARTS LISTING) GROUP: 2 DETECTING SET MX-8357/AAS-24	EA	2
26	1	PAFZZ	5935-256-4755	SM-D-2017452-16	80063	CONNECTOR, PLUG, ELECTRICAL	EA	8
26	2	PAFDD	5850-409-8091	SM-D-2018553	80063	PROCESSOR, VIDEO	EA	8
26	3	PAFZZ	5935-476-7998	SM-D-2017452-17	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
26	4	PAFDD	5850-408-2594	SM-D-2018580	80063	BREAK POINTS, AGC & NONLINEAR	EA	1
26	5	PAFZZ		SM-D-2017452-18	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
26	6	PAFDD	5850-409-8089	S1-D-2018550	80063	CLAMP GENERATOR & GATE BUFFER	EA	1
26	7	PAFDD	5850-449-0692	S1-D-2018571	80063	ROLL STABILIZATION ASSEMBLY B-I-T	EA	1
26	8	PAFZZ	5925-472-0274	S1-D-2017452-25	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
26	9	PAFDD	5850-409-8090	SM-D-2018574	80063	PROCESSOR, VIDEO, BUILT IN-TEST	EA	1
26	10	PAFZZ	5935-689-1884	SM-D-2017452-24	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
26	11	PAFDD	5850-409-8099	SM-D-2018562	80063	PROCESSOR ASSEMBLY, HOT TARGET	EA	1
26	12	PAFZZ	5935-497-0929	SM-D-2017452-23	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
26	13	PAFDD	5850-409-8088	SM-D-2018568	80063	DETECTOR, HOT TARGET	EA	2
26	14	PAFZZ		SM-D-2017452-71	80063	CONNECTOR, PLUG, ELECTRICAL	EA	2
26	15	PAFDD	5850-409-8098	SM-D-2018556	80063	DRIVER ASSEMBLY VIDEO DATA LINK	EA	1
26	16	PAFZZ		SM-D-2017452-22	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
26	17	PAFDD	5850-408-2597	SM-D-2018559	80063	AMPLIFIER, ASSEMBLY, SUMMING VIDEO	EA	1
26	18	PAFZZ	5935-422-4784	SM-D-2017452-21	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
26	19	PAFDD	5850-252-5757	SM-D-2018583	80063	LOGIC NO 2 BUILT-IN-TEST	EA	1
26	20	PAFZZ	5935-256-4802	SM-D-2017452-20	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
26	21	PAFDD	5850-252-5755	SM-D-2018577	80063	LOGIC ASSEMBLY B-I-T, NO 1	EA	1
26	22	PAFZZ	5935-256-4778	SM-D-2017452-19	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
26	23	PAHHD	5995-480-5728	SM-E-2019620	80063	WIRING HARNESS, DETECTING SET	EA	1
26	24	PAFDD	5850-232-6360	SM-D-2018547	80063	DRIVERS, BITE INDICATORS	EA	1
26	25	PAFZZ	5935-225-2152	SM-D-2017433-5	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
26	26	PAFZZ	5935-404-8893	SM-D-2017433-10	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
26	27	PAFZZ		SM-D-2017433-1	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
26	28	PAFZZ	5935-988-4274	1S3122E20-41SW	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
26	29	PAFZZ	5935-726-7075	MS3122E22-55P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1

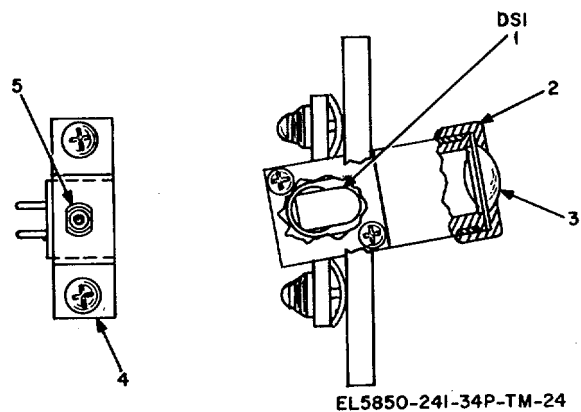


Figure 24. Self-test lamp assembly

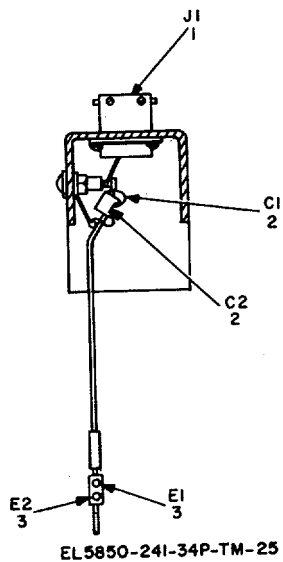


Figure 25. Connector and mount motor assembly.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
26	30	PAFZZ	6645-255-1371	MS17322-6A	96906	METER, TIME TOTALIZING	EA	1
26	31	PAFZZ	5935-454-3014	SM-D-2017433-2	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
26	32	PAFZZ	5935-976-5425	M24308-2-4	81349	CONNECTOR, RECEPTACLE, ELECTRICAL GROUP 2A1 THRU 2A8 PROCESSOR, VIDEO CHANNELS 1-8	EA	1
27	1	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
27	2	PADZZ	5910-010-8157	CSR13E336KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
27	3	PADZZ	5910-144-4379	CSR13E125KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
27	4	PADIZ	5910-460-1047	CM05ED510J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
27	5	PADZZ	5910-088-1146	CM05FD331J03	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
27	6	PADZZ	5910-033-7995	SM-D-2019473-6	80063	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
27	7	PADZZ	5910-176-2641	CSR13B337KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
27	8	XBDZZ		MS20470A3-3	96906	CLIP, SPRING TENSION	EA	1
27	9	PADZZ	5910-456-9511	CM06FD272J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
27	10	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR, DEVICE, DIODE	EA	15
27	11	PADZZ	5961-669-7107	1N277	81349	SEMICONDUCTOR, DEVICE, DIODE	EA	2
27	12	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR, DEVICE, DIODE	EA	1
27	13	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
27	14	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
27	15	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
27	16	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
27	17	PADZZ	5935-243-9093	SM-D-2017423-16	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
27	18	PADZZ		SM-D-2017405-2	80063	TRANSISTOR	EA	3
27	19	PADZZ	5961-104-8426	2N3823	81349	TRANSISTOR	EA	1
27	20	PADZZ	5961-932-9318	2N2605	81349	TRANSISTOR	EA	1
27	21	PADZZ	5961-949-7342	2N2642	81349	TRANSISTOR	EA	1
27	22	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	2
27	23	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	5
27	24	PADZZ	5905-452-0768	RN60D6191F	81349	RESISTOR, FIXED, FILM	EA	4
27	25	PADZZ	5905-432-6411	RN60D3320F	81349	RESISTOR, FIXED, FILM	EA	2
27	26	PADZZ	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM	EA	2
27	27	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	2
27	28	PADZZ	5905-232-7791	RNR60D1500F	81349	RESISTOR, FIXED, FILM	EA	2
27	29	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	4
27	30	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM	EA	2
27	31	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	7
27	32	PADZZ	5905-200-9602	RN60D4021F	81349	RESISTOR, FIXED, FILM	EA	3
27	33	PADZZ	5905-451-4534	RN60D7500F	81349	RESISTOR, FIXED, FILM	EA	3
27	34	PADZZ	5905-721-2381	RN60D6190F	81349	RESISTOR, FIXED, FILM	EA	1
27	35	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	4
27	36	PADZZ	5905-432-6410	RN6D10D01F	81349	RESISTOR, FIXED, FILM	EA	3
27	37	PADZZ	5905-050-9538	RN60D4421F	81349	RESISTOR, FIXED, FILM	EA	1

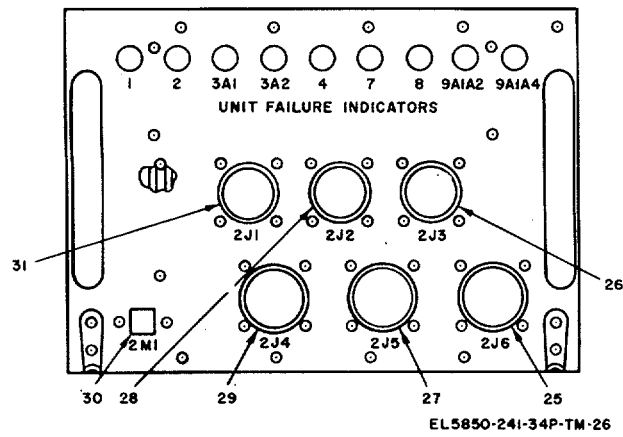
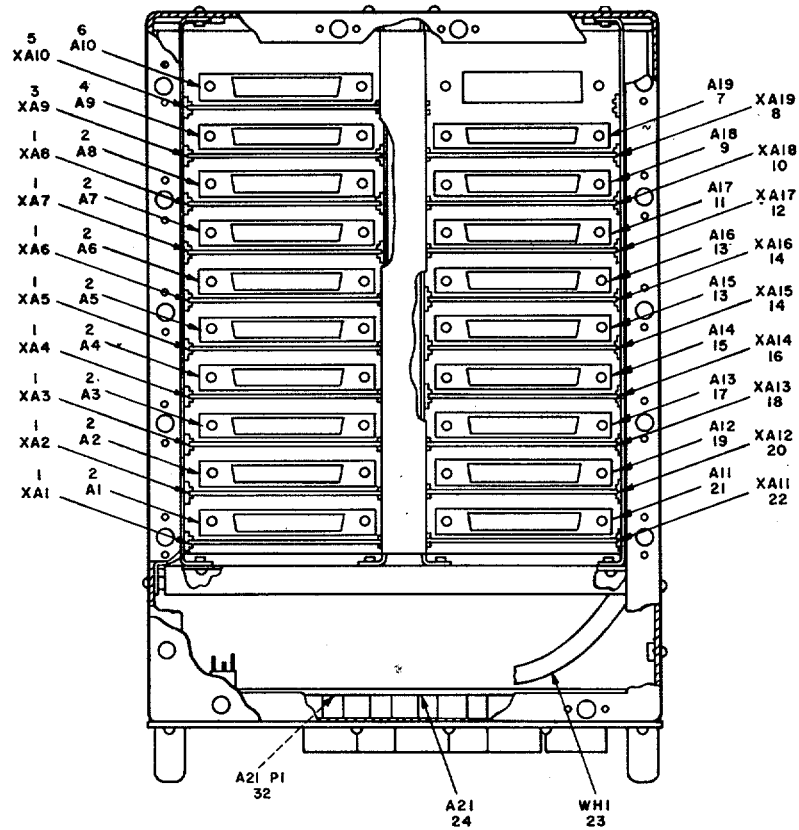
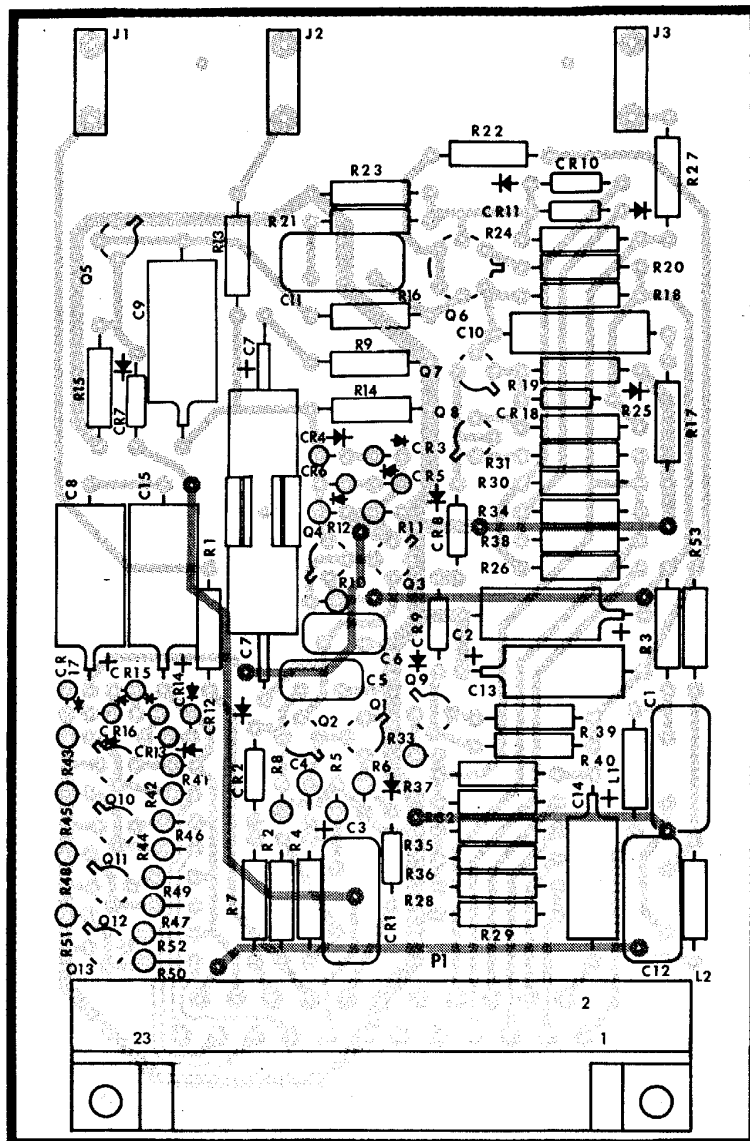


Figure 26. Detecting set MX-8357/AAS-24 subassembly

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
27	38	PADZ7	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	3
27	39	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	4
27	40	PADZZ	5905-702-9485	RN60D22R1F	81349	RESISTOR, FIXED, FILM	EA	2
27	41	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	4
27	42	PADZZ	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	1
						GROUP 2A9 GENERATOR, AUTOMATIC GAIN CONTROL AND NON-LINEAR BREAK POINTS		
28	1	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	4
28	2	PADZZ	5910-010-8157	CSR13E336KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	8
28	3	PADZZ	5910-060-1190	C06FD681J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
28	4	PADZZ	5910-a00-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIFLECTRIC	EA	1
28	5	PADZZ	5910-936-1357	CSR13E107KL	81340	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
28	6	PADZ?	5910-010-8718	CK06BX103s	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
28	7	PADZZ	5910-456-0812	CM06FD511J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
28	8	PADZZ	5910-723-5267	C05ED200J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
28	9	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
28	10	PADZZ	5961-883-6064	1N749A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
28	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
28	12	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
28	13	PADZZ	5935-131-9726	M39024-11-05	81349	JACK, TIP	EA	1
28	14	PADZZ	5935-131-9728	1439024-11-08	81349	JACK, TIP	EA	1
28	15	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
28	16	PADZZ	5950-921-3420	M390537-49	96906	COIL, RADIO FREQUENCY	EA	4
28	17	PADZZ		SM-D-2017423-17	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
28	18	PADZZ	5961-442-5113	2N2432A	81349	TRANSISTOR	EA	2
28	19	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	3
28	20	PADZZ		SM-D-2017405-2	80063	TRANSISTOR	EA	1
28	21	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	10
28	22	PADZZ	5961-890-9867	2N4856	81349	TRANSISTOR	EA	1
28	23	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2
28	24	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	3
28	25	PAD7Z	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM	EA	1
28	26	PADZZ	5905-702-9485	RN60D22R1F	81349	RESISTOR, FIXED, FILM	EA	5
28	27	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	2
28	28	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	9
28	29	PADZZ	5905-050-9538	RN60D4421F	81349	RESISTOR, FIXED, FILM	EA	2
28	30	PADZZ	5905-451-7534	RN60D7500F	81349	RFSISTOR, FIXED, FILM	EA	4
28	31	PADZZ	5905-137-0804	RN60D1003F	81349	RFSISTOR, FIXED, FILM	EA	3
28	32	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	4
28	33	PADZZ	5905-988-2310	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3
28	34	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTQR, FIXED, FILM	EA	4
28	35	PADZZ	5905-452-0784	RN60D5621F	81349	RESISTOR, FIXED, FILM	EA	1



**LEGEND**

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	CR12	10	Q13	23	R25	38	R50	31
C2	2	CR13	10	R1	24	R26	39	R51	41
C4	3	CR14	10	R2	25	R27	24	R52	42
C5	4	CR15	10	R3	26	R28	36	R53	26
C6	5	CR16	10	R4	27	R29	36		
C7	6	CR17	10	R5	28	R30	39		
C8	7	CR18	12	R6	29	R31	40		
C9	2	J1	13	R7	29	R32	35		
C10	8	J2	14	R8	29	R33	40		
C11	9	J3	15	R9	30	R34	27		
C12	1	L1	16	R10	31	R35	35		
C13	2	L2	16	R11	30	R36	35		
C14	2	P1	17	R12	32	R37	38		
C15	7	Q1	18	R13	24	R38	39		
CR1	10	Q2	18	R14	33	R39	38		
CR2	10	Q3	19	R15	29	R40	31		
CR3	10	Q4	20	R16	34	R41	31		
CR4	10	Q5	18	R17	35	R42	31		
CR5	10	Q6	21	R18	32	R43	41		
CR6	10	Q7	22	R19	36	R44	31		
CR7	10	Q8	23	R20	32	R45	41		
CR8	10	Q9	22	R21	28	R46	39		
CR9	10	Q10	23	R22	24	R47	31		
CR10	11	Q11	23	R23	33	R48	41		
CR11	11	Q12	23	R24	37	R49	33		

NOTE  
C3 NOT USED

**LEGEND**

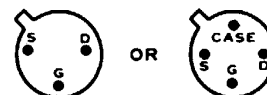
BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.



TRANSISTOR (Q)



DUAL TRANSISTOR (Q)



FIELD EFFECT TRANSISTOR (FET) (Q)

NOTE, UNLESS OTHERWISE SPECIFIED

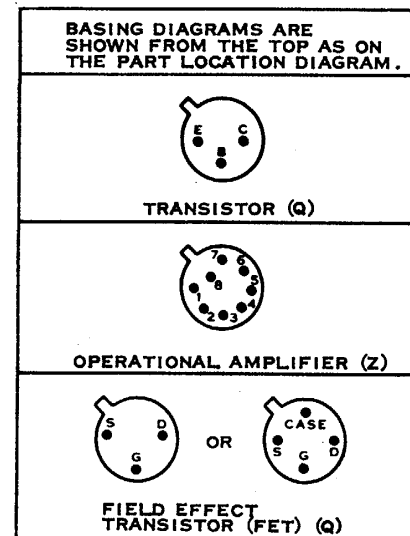
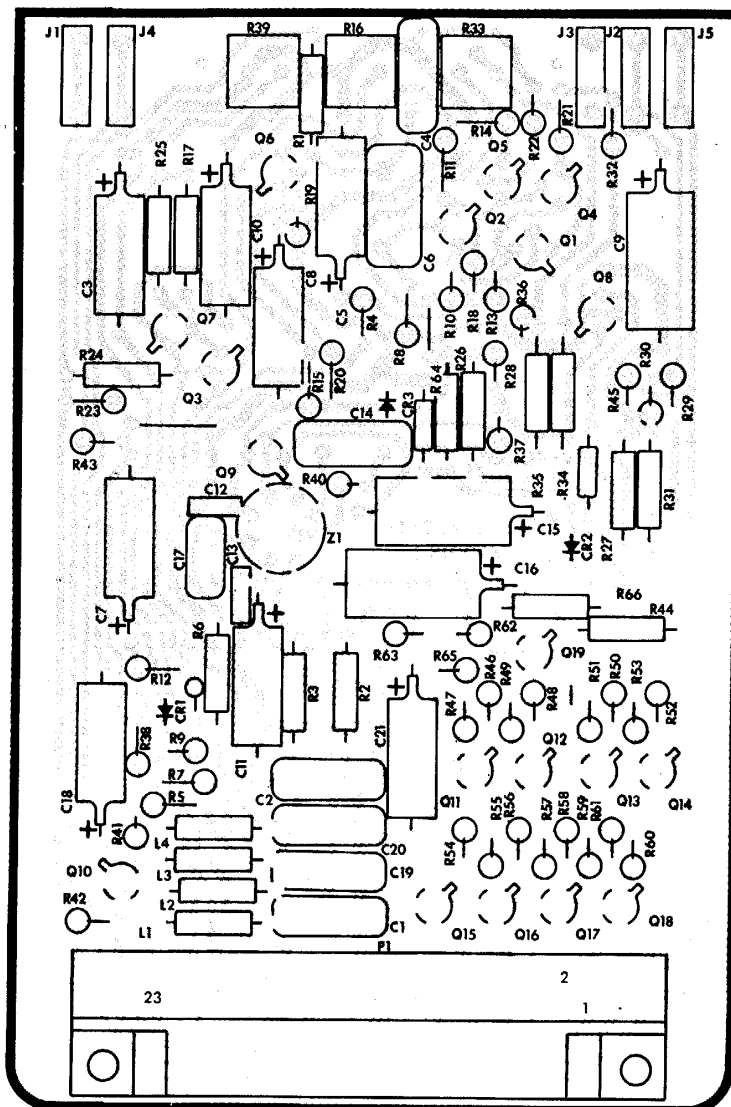
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A1 THROUGH 2A8

Figure 27. Processor, video channels 1 through 8.  
2-56



## SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
28	36	PADZZ	5905-452-0768	RN60D6191F	81349	RESISTOR, FIXED, FILM	EA	1
28	37	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	2
28	38	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	11
28	39	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	3
28	40	PADZZ	5905-142-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	1
28	41	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
28	42	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
28	43	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	2
28	44	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
28	45	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	1
28	46	PADZZ	5905-758-4840	RN60D15010F	81349	RESISTOR, FIXED, FILM	EA	2
28	47	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	1
28	48	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 2A10 GENERATOR, GATE BUFFFR AND CLAMP	EA	1
29	1	PADZZ	5910-010-8666	CK05BX102K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
29	2	PADZZ	5910-010-8157	CSR13E336KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
29	3	PADZZ	5910-113-9448	CK05BX681K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
29	4	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
29	5	PADZZ	5910-101-2381	CK06BX222K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
29	6	PADZZ	5910-113-5312	CK06BX223K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
29	7	PADZZ	5961-995-2310	1N752A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
29	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
29	9	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
29	10	PADZZ		SM-D-2017423-18	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
29	11	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2
29	12	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	4
29	13	PADZZ	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM	EA	2
29	14	PADZZ	5905-200-9602	RN60D4021F	81349	RESISTOR, FIXED, FILM	EA	2
29	15	PADZZ	5905-232-7791	RN60D1500F	81349	RESISTOR, FIXED, FILM	EA	2
29	16	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	2
29	17	PADZZ	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	1
29	18	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	2
29	19	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	2
29	20	PADZZ	5905-721-2387	RN60D6190F	81349	RESISTOR, FIXED, FILM	EA	1
29	21	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	2
29	22	PADZZ	5905-988-2313	RN60D1211F	81349	RESISTOR, FIXED, FILM	EA	1
29	23	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
29	24	PADZZ	5905-006-6988	RN60D7501F	81349	RESISTOR, FIXED, FILM	EA	1
29	25	PADZZ	5905-137-0804	RN60D01003F	81349	RESISTOR, FIXED, FILM	EA	1
29	26	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	3
29	27	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPOSITION	EA	1

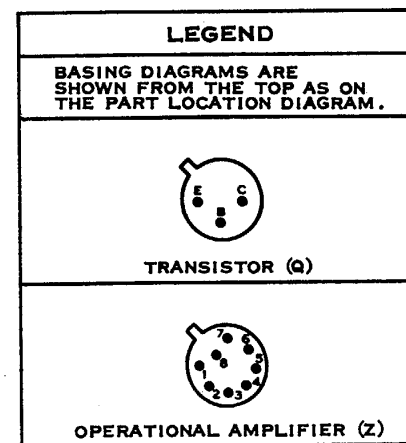
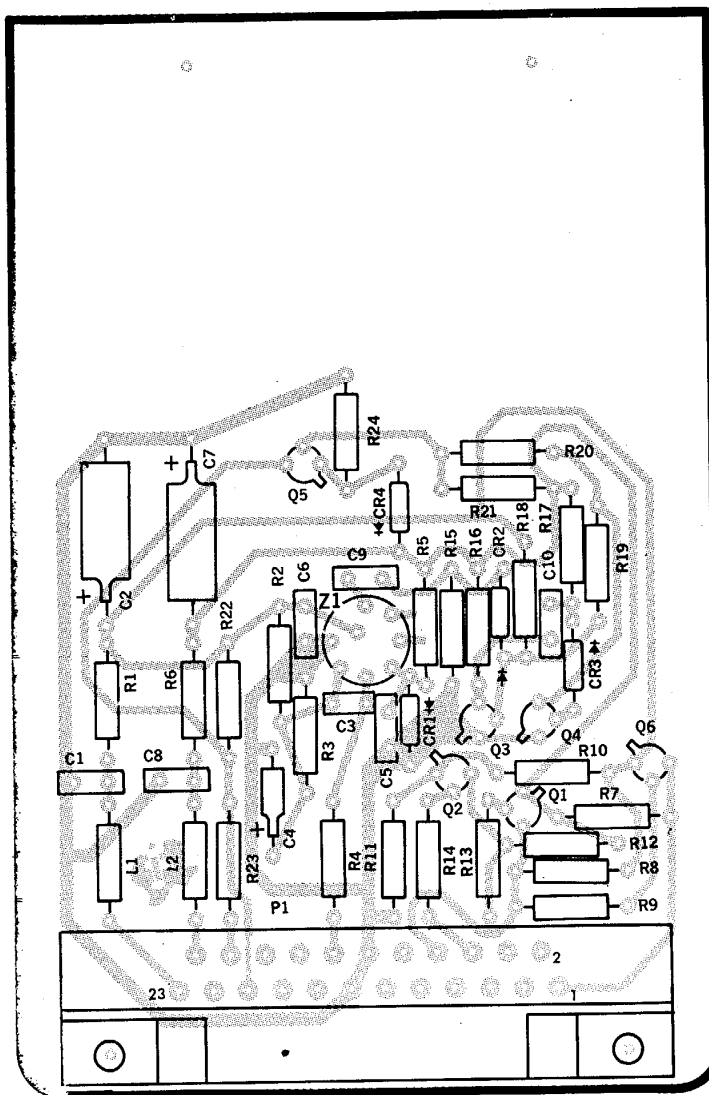


LEGEND

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1 1	J1 11	Q15 21	R20 36	R44 47
C2 1	J2 12	Q16 21	R21 32	R45 34
C3 2	J3 13	Q17 21	R22 27	R46 38
C4 3	J4 14	Q18 21	R23 37	R47 28
C5 2	J5 15	Q19 23	R24 38	R48 38
C6 4	L1 16	R1 24	R25 32	R49 28
C7 2	L2 16	R2 25	R26 39	R50 38
C8 2	L3 16	R3 26	R27 31	R51 28
C9 5	L4 16	R4 26	R28 31	R52 38
C10 2	P1 17	R5 26	R29 40	R53 28
C11 2	Q1 18	R6 26	R30 39	R54 38
C12 6	Q2 19	R7 26	R31 41	R55 28
C13 6	Q3 20	R8 27	R32 42	R56 38
C14 7	Q4 18	R9 28	R33 43	R57 28
C15 5	Q5 19	R10 29	R34 44	R58 38
C16 5	Q6 19	R11 30	R35 45	R59 28
C17 8	Q7 21	R12 31	R36 34	R60 38
C18 2	Q8 22	R13 32	R37 39	R61 28
C19 1	Q9 21	R14 30	R38 34	R62 24
C20 1	Q10 23	R15 24	R39 43	R63 46
C21 2	Q11 21	R16 33	R40 46	R64 30
CR1 9	Q12 21	R17 34	R41 32	R65 30
CR2 9	Q13 21	R18 29	R42 38	R66 38
CR3 10	Q14 21	R19 35	R43 37	Z1 48

NOTE, UNLESS OTHERWISE SPECIFIED  
 1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—  
 DARK SHADING INDICATES COMPONENT SIDE PATTERN.  
 2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A9

Figure 28. Generator, automatic gain and non-linear break points.



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A10

LEGEND

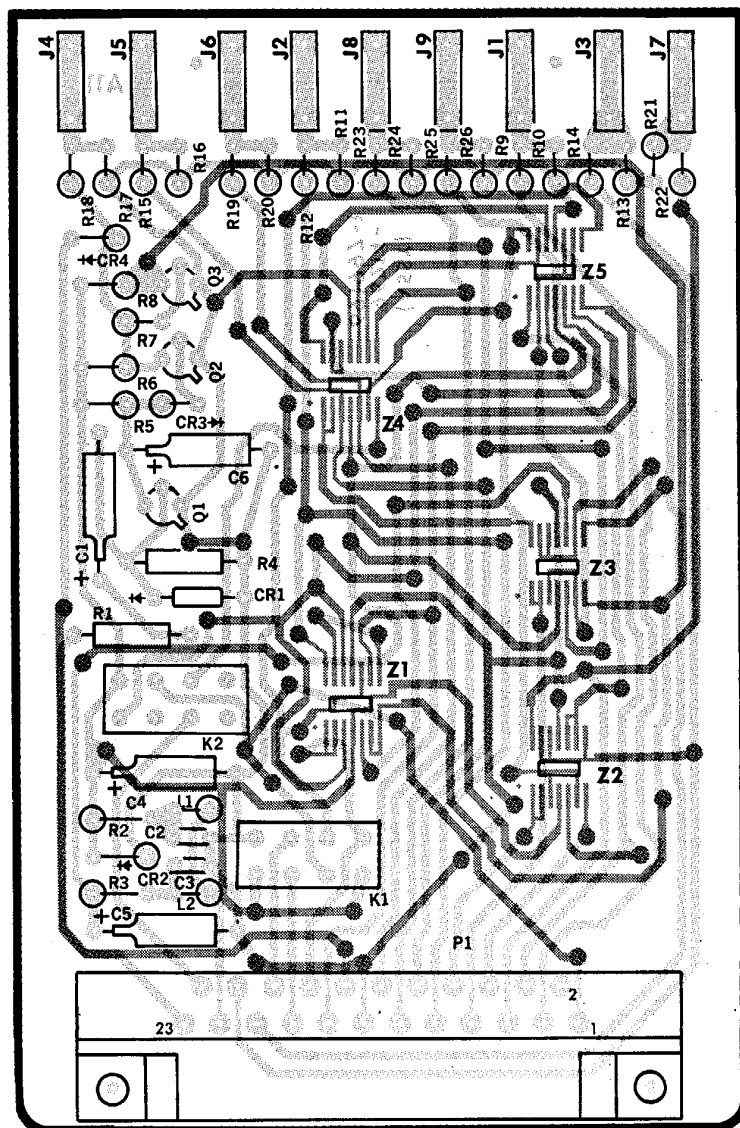
DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	CR3	8	R2	14	R14	22
C2	2	CR4	8	R3	15	R15	14
C3	3	L1	9	R4	16	R16	23
C4	4	L2	9	R5	17	R17	24
C5	4	P1	10	R6	13	R18	25
C6	2	Q1	11	R7	18	R19	26
C7	2	Q2	12	R8	18	R20	23
C8	1	Q3	12	R9	19	R21	16
C9	5	Q4	12	R10	20	R22	26
C10	6	Q5	11	R11	15	R23	26
CR1	7	Q6	12	R12	21	R24	21
CR2	8	R1	13	R13	19	Z1	27

EL 5850-241-34P-TM-29

Figure 29. Generator, gate buffer and clamp.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
						GROUP: 2A11 LOGIC NO. 1 BIT		
30	1	PADZZ	5910-469-5604	CSR13G475ML	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
30	2	PADZZ	5910-010-8666	CK05BX102K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
30	3	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
30	4	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
30	5	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
30	6	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
30	7	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
30	8	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
30	9	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
30	10	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
30	11	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
30	12	PADZZ	5935-132-2309	lf39024-11-10	81349	JACK, TIP	EA	1
30	13	PADZZ	5935-132-2308	M39024-11-09	81349	JACK, TIP	EA	1
30	14	PADZZ	5935-131-9680	M39024-11-01	81349	JACK, TIP	EA	1
30	15	PADZZ	5945-406-3076	SM-D-2017461-2	80063	RELAY, ARMATURE	EA	2
30	16	PADZZ	5950-921-3420	M590537-49	96906	COIL, RADIO FREQUENCY	EA	2
30	17	PADZZ	5935-243-9034	SM-D-2017423-19	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
30	18	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
30	10	PADZZ	5905-983-6914	RN6DD1002F	81349	RESISTOR, FIXED, FILM	EA	13
30	20	PADZZ	5905-051-2143	RN60D18R2F	81349	RESISTOR, FIXED, FILM	EA	2
30	21	PADZZ	5905-195-6384	RN60D3012F	81349	RESISTOR, FIXED, FIUM	EA	1
30	22	PADZZ	5905-452-0773	RN60D82050F	81349	RESISTOR, FIXED, FILM	EA	1
30	23	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	9
30	24	PADZZ	5962-117-6091	SM-D-2017453-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	4
30	25	PADZZ	5962-117-6089	SM-D-2017454-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	1
						GROUP 2A12 LOGIC NO 2 BIT		
31	1	PADZZ	5910-010-8666	CK05BX102K	81349	CAFACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
31	2	PADZZ	5910-936-1332	CSR13F685KL	8134Q	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
31	3	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
31	4	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
31	5	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
31	6	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
31	7	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
31	8	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
31	9	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
31	10	PADZZ	5945-406-3076	94-D-2017461-2	80063	RELAY, ARIATURE	EA	1
31	11	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
31	12	PADZZ	5935-243-9112	SM-D-2017423-20	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
31	13	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
31	14	PADZZ	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM	EA	2
31	15	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	6
31	16	PADZZ	5905-983-6914	RN6001002F	81349	RESISTOR, FIXED, FILM	EA	8



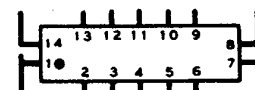
**LEGEND**

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	J5	10	R2	20	R17	19
C2	2	J6	11	R3	20	R18	23
C3	2	J7	12	R4	21	R19	23
C4	3	J8	13	R5	19	R20	19
C5	3	J9	14	R6	22	R21	19
C6	1	K1	15	R7	19	R22	23
CR1	4	K2	15	R8	19	R23	23
CR2	5	L1	16	R9	23	R24	19
CR3	4	L2	16	R10	19	R25	23
CR4	4	P1	17	R11	19	R26	19
J1	6	Q1	18	R12	23	Z1	24
J2	7	Q2	18	R13	19	Z2	24
J3	8	Q3	18	R14	23	Z3	24
J4	9	R1	19	R15	23	Z4	24
				R16	19	Z5	25

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.



TRANSISTOR (Q)



INTEGRATED CIRCUIT  
14-PIN FLAT-PACK (Z)

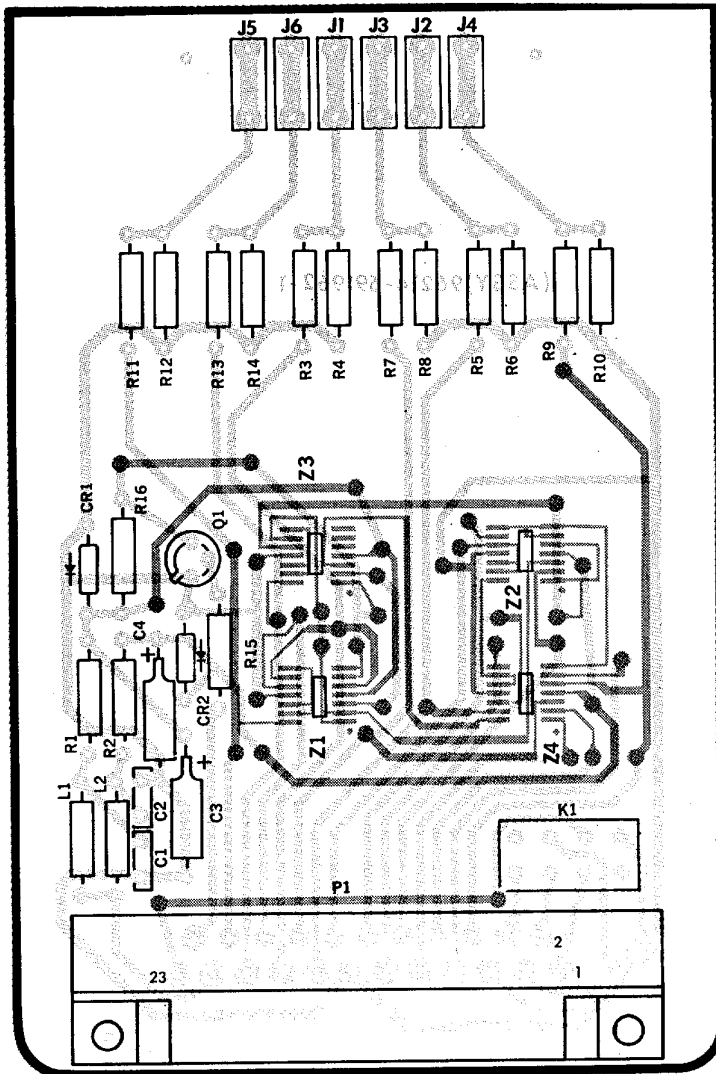
NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A11

Figure 30. Logic no. 1, BIT.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
31	17	PADZZ	5962-117-6091	SM-D-2017453-2	80063	INTEGRATED, CIRCUIT, INPUT GATE	EA	3
31	18	PADZZ	5962-117-6089	SM-D-2017454-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	1
32	1	PADZZ	5910-010-8666	CK05BX102K	81349	GROUP 2A13 AMPLIFIER, VIDEO SUMMING	EA	4
32	2	PADZZ	5910-932-2734	CSR13F336KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
32	3	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	8
32	4	PADZZ	5910-460-1047	CM05ED510J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	3
32	5	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
32	6	PADZZ	5910-101-2381	CK06BX222K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
32	7	PADZZ	5961-995-2310	1N752A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
32	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
32	9	PADZZ		SM-D-2017466-1	80063	DELAY LINE	EA	2
32	10	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
32	11	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
32	12	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
32	13	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
32	14	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
32	15	PADZZ	5950-921-3420	18S90537-49	96906	COIL, RADIO FRFQUENCY	EA	4
32	16	PADZZ	5935-482-5116	SM-D-2017423-21	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
32	17	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	6
32	18	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	2
32	19	PADZZ	5905-702-9485	RN60D22R1F	81349	RESISTOR, FIXED, FILM	EA	10
32	20	PADZZ	5905-189-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	2
32	21	PADZZ	5905-721-2387	RN60D6190F	81349	RESISTOR, FIXED, FILM	EA	2
32	22	PADZZ	5905-06Q-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	1
32	23	PADZZ	5905-452-0768	RN60D619JF	81349	RESISTOR, FIXED, FILM	EA	2
32	24	PADZZ	5905-682-7773	RN60OD4990F	81349	RESISTOR, FIXED, FILM	EA	4
32	25	PADZZ	5905-432-6410	RN60DIO01F	81349	RESISTOR, FIXED, FILM	EA	13
32	26	PADZZ	5905-138-1285	RN60OD2001F	81349	RESISTOR, FIXED, FILM	EA	3
32	27	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	5
32	28	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	3
32	29	PADZZ	5905-025-5988	RN60D3321F	81349	RESISTOR, FIXED, FILM	EA	2
32	30	PADZZ	5905-957-8613	RN6DD51R1F	81349	RESISTOR, FIXED, FILM	EA	8
32	31	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	2
32	32	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
32	33	PADZZ	5905-025-5987	RN60D2491F	81349	RESISTOR, FIXED, FILM	EA	1
32	34	PADZZ	5962-245-5325	SM-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	3
33	1	PADZZ	5910-010-8157	CSR13E336KL	81349	GROUP 2A14 DRIVER, DATA LINK VIDEO LINE	EA	4
33	2	PADZZ	5910-010-8666	CK05BX102K	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
33	3	PADZZ	5910-456-9511	CM06FD272J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	8
33	4	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	8



**LEGEND**

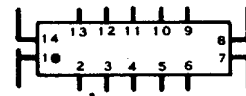
DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	L1	11	R9	15
C2	1	L2	11	R10	16
C3	2	P1	12	R11	15
CA	2	Q1	13	R12	16
CR1	3	R1	14	R13	15
CR2	3	R2	14	R14	16
J1	4	R3	15	R15	16
J2	5	R4	16	R16	16
J3	6	R5	15	Z1	17
J4	7	R6	16	Z2	17
J5	8	R7	15	Z3	17
J6	9	R8	16	Z4	18
K1	10				

**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.



TRANSISTOR (Q)



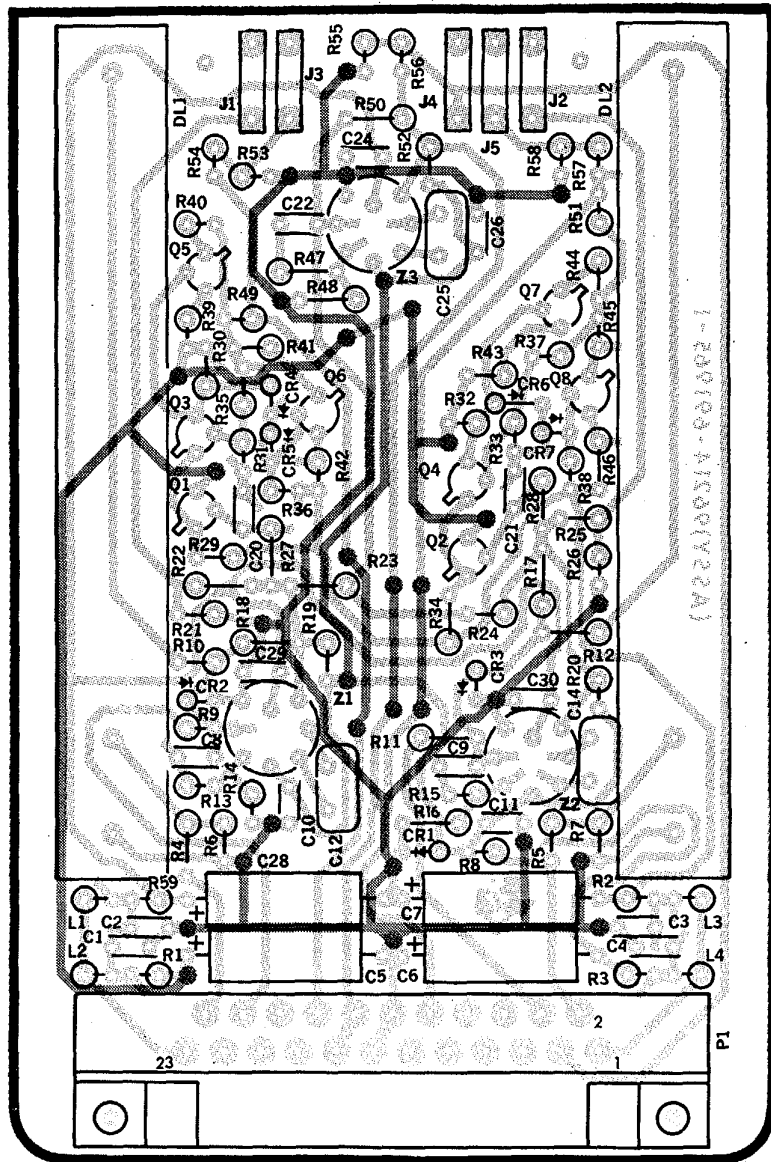
INTEGRATED CIRCUIT 14-PIN FLAT-PACK (Z)

NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A12

EL5850-241-34P-TM-31

Figure 31. Logic no. 2, BIT.



LEGEND

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	CR7	8	R8	22	R36	31
C2	1	DL1	9	R9	23	R37	25
C3	1	DL2	9	R10	24	R38	31
C4	1	J1	10	R11	23	R39	30
C5	2	J2	11	R12	24	R40	19
C6	2	J3	12	R13	19	R41	19
C7	2	J4	13	R14	24	R42	30
C8	3	J5	14	R15	19	R43	30
C9	3	L1	15	R16	24	R44	19
C10	3	L2	15	R17	25	R45	19
C11	3	L3	15	R18	25	R46	30
C12	4	L4	15	R19	26	R47	32
C14	4	P1	16	R20	26	R48	33
C20	5	Q1	17	R21	25	R49	30
C21	5	Q2	17	R22	27	R50	28
C22	6	Q3	17	R23	28	R51	30
C24	3	Q4	17	R24	28	R52	26
C25	4	Q5	17	R25	27	R53	25
C26	3	Q6	18	R26	25	R54	27
C28	2	Q7	17	R27	25	R55	25
C29	3	Q8	18	R28	25	R56	27
C30	3	R1	19	R29	25	R57	27
CR1	7	R2	19	R30	29	R58	25
CR2	8	R3	19	R31	30	R59	19
CR3	8	R4	20	R32	29	Z1	34
CR4	8	R5	20	R33	30	Z2	34
CR5	8	R6	21	R34	25	Z3	34
		R7	21	R35	25		

LEGEND

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.



TRANSISTOR (Q)



OPERATIONAL AMPLIFIER (Z)

NOTE: UNLESS OTHERWISE SPECIFIED

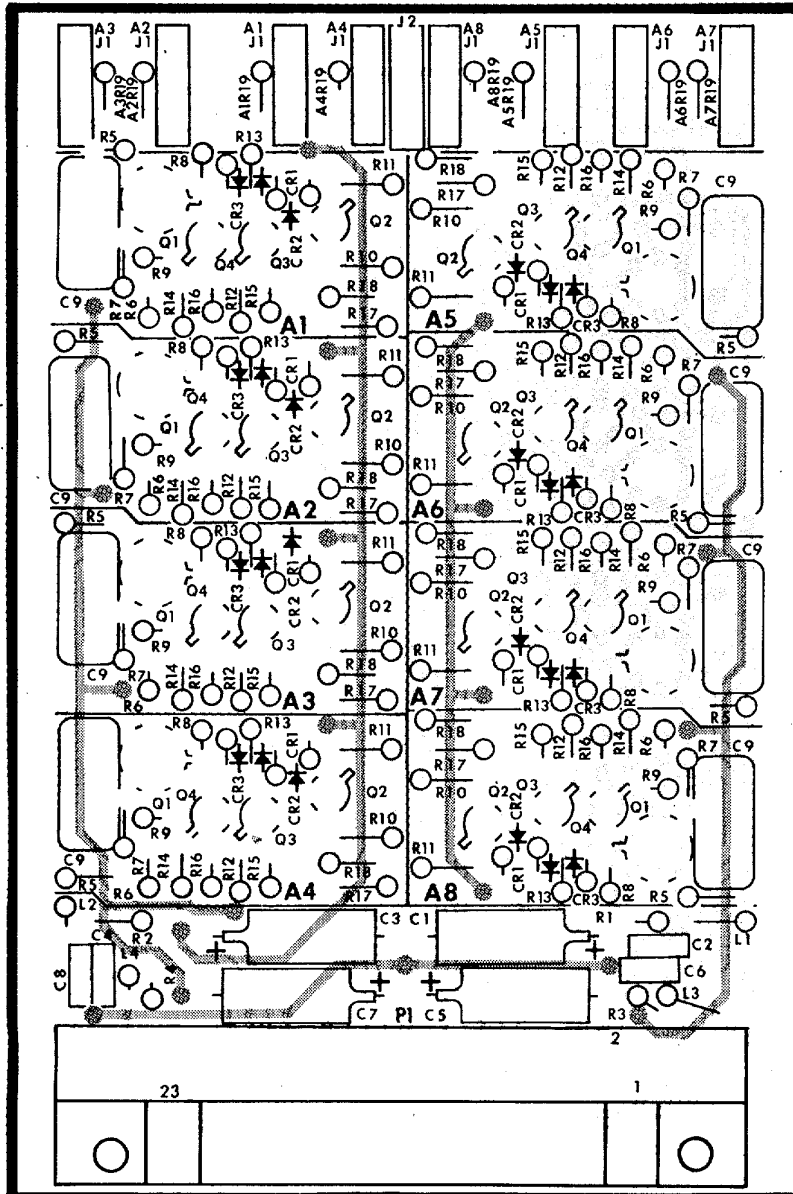
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A13

Figure 32. Amplifier, video summing.



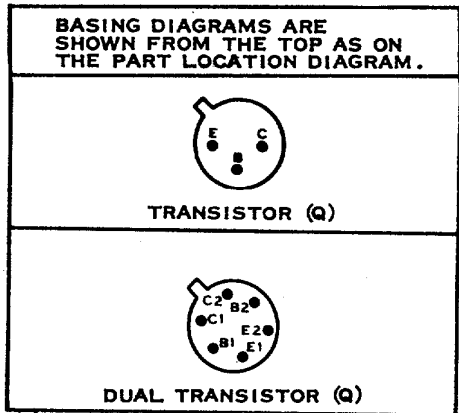
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
33	5	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	16
33	6	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
33	7	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
33	8	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
33	9	PADZZ	5935-131-9728	139024-11-08	81349	JACK, TIP	EA	1
33	10	PADZZ	5935-131-9697	1839024-11-05	81349	JACK, TIP	EA	1
33	11	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
33	12	PADZZ	5935-132-2309	M39024-11-10	81349	JACK, TIP	EA	1
33	13	PADZZ	5935-132-2308	M39024-11-09	81349	JACK, TIP	EA	1
33	14	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
33	15	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	4
33	16	PADZZ		SM-D-2017423-22	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
33	17	PADZZ	5961-949-7342	2N2642	81349	TRANSISTOR	EA	8
33	18	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	16
33	19	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	8
33	20	PADZZ	5905-702-9485	RN6O0D22R1F	81349	RESISTOR, FIXED, FILM	EA	20
33	21	PADZZ	5905-983-6914	RN6ODIOO2F	81349	RESISTOR, FIXED, FILM	EA	32
33	22	PADZZ	5905-452-0768	RN60D6191F	81349	RESISTOR, FIXED, FILM	EA	8
33	23	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FIIM	EA	8
33	24	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	8
33	25	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	8
33	26	PADZZ	5905-432-6410	RN6OD1001F	81349	RESISTOR, FIXED, FILM	EA	16
33	27	PADZZ	5905-957-8633	RN60D51R1T	81349	RESISTOR, FIXED, FILM	EA	24
						GROUP: 2A15, 2A16 DETECTOR, HOT TARGET		
34	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	16
34	2	PADZZ	5910-018-1944	CSR13C336KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
34	3	PADZZ	5910-010-8157	CSR13E336KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
34	4	PADZZ	5910-460-0852	CM06FD471J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	4
34	5	PADZZ	5910-936-1521	CSR13C475KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
34	6	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
34	7	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	12
34	8	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
34	9	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
34	10	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	3
34	11	PADZZ		SM-D-2017423-68	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
34	12	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	8
34	13	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
34	14	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	4
34	15	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	7
34	16	PADZZ	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM	EA	6
34	17	PADZZ	5905-432-6411	RN60D3320F	81349	RESISTOR, FIXED, FILM	EA	5
34	18	PADZZ	5905-189-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	1



**LEGEND**

DESIG ITEM	DESIG ITEM	DESIG ITEM			
C1	1	A5Q1	17	A4R10	25
C2	2	A5Q2	18	A4R11	26
C3	1	A5Q3	19	A4R12	21
C4	2	A5Q4	18	A4R13	27
C5	1	A6Q1	17	A5R14	27
C6	2	A6Q2	18	A4R15	20
C7	1	A6Q3	19	A4R16	20
C8	2	A6Q4	18	A4R17	27
A1C9	3	A7Q1	17	A4R18	21
A2C9	3	A7Q2	18	A4R19	26
A3C9	3	A7Q3	19	A5R5	21
A4C9	3	A7Q4	18	A5R6	21
A5C9	3	A8Q1	17	A5R7	22
A6C9	3	A8Q2	18	A5R8	23
A7C9	3	A8Q3	19	A5R9	24
A8C9	3	A8Q4	18	A5R10	25
A1CR1	4	R1	20	A5R11	26
A1CR2	5	R2	20	A5R12	21
A1CR3	5	R3	20	A5R13	27
A2CR1	4	R4	20	A5R14	27
A2CR2	5	A1R5	21	A5R15	20
A2CR3	5	A1R6	21	A5R16	20
A3CR1	4	A1R7	22	A5R17	27
A3CR2	5	A1R8	23	A5R18	21
A3CR3	5	A1R9	24	A5R19	26
A4CR1	4	A1R10	25	A6R5	21
A4CR2	5	A1R11	26	A6R6	21
A4CR3	5	A1R12	21	A6R7	22
A5CR1	4	A1R13	27	A6R8	23
A5CR2	5	A1R14	27	A6R9	24
A5CR3	5	A1R15	20	A6R10	25
A6CR1	4	A1R16	20	A6R11	26
A6CR2	5	A1R17	27	A6R12	21
A6CR3	5	A1R18	21	A6R13	27
A7CR1	4	A1R19	26	A6R14	27
A7CR2	5	A2R5	21	A6R15	20
A7CR3	5	A2R6	21	A6R16	20
A8CR1	4	A2R7	22	A6R17	27
A8CR2	5	A2R8	23	A6R18	21
A8CR3	6	A2R9	24	A6R19	26
A1J1	6	A2R10	25	A7R5	21
A2J1	7	A2R11	26	A7R6	21
A3J1	8	A2R12	21	A7R7	22
A4J1	9	A2R13	27	A7R8	23
A5J1	10	A2R14	27	A7R9	24
A6J1	11	A2R15	20	A7R10	25
A7J1	12	A2R16	20	A7R11	26
A8J1	13	A2R17	27	A7R12	21
J2	14	A2R18	21	A7R13	27
L1	15	A2R19	26	A7R14	27
L2	15	A3R5	21	A7R15	20
L3	15	A3R6	21	A7R16	20
L4	15	A3R7	22	A7R17	27
P1	16	A3R8	23	A7R18	21
A1Q1	17	A3R9	24	A7R19	26
A1Q2	18	A3R10	25	A8R5	21
A1Q3	19	A3R11	26	A8R6	21
A1Q4	18	A3R12	21	A8R7	22
A2Q1	17	A3R13	27	A8R8	23
A2Q2	18	A3R14	27	A8R9	24
A2Q3	19	A3R15	20	A8R10	25
A2Q4	18	A3R16	20	A8R11	26
A3Q1	17	A3R17	27	A8R12	21
A3Q2	18	A3R18	21	A8R13	27
A3Q3	19	A3R19	26	A8R14	27
A3Q4	18	A4R5	21	A8R15	20
A4Q1	17	A4R6	21	A8R16	20
A4Q2	18	A4R7	22	A8R17	27
A4Q3	19	A4R8	23	A8R18	21
A4Q4	18	A4R9	24	A8R19	26



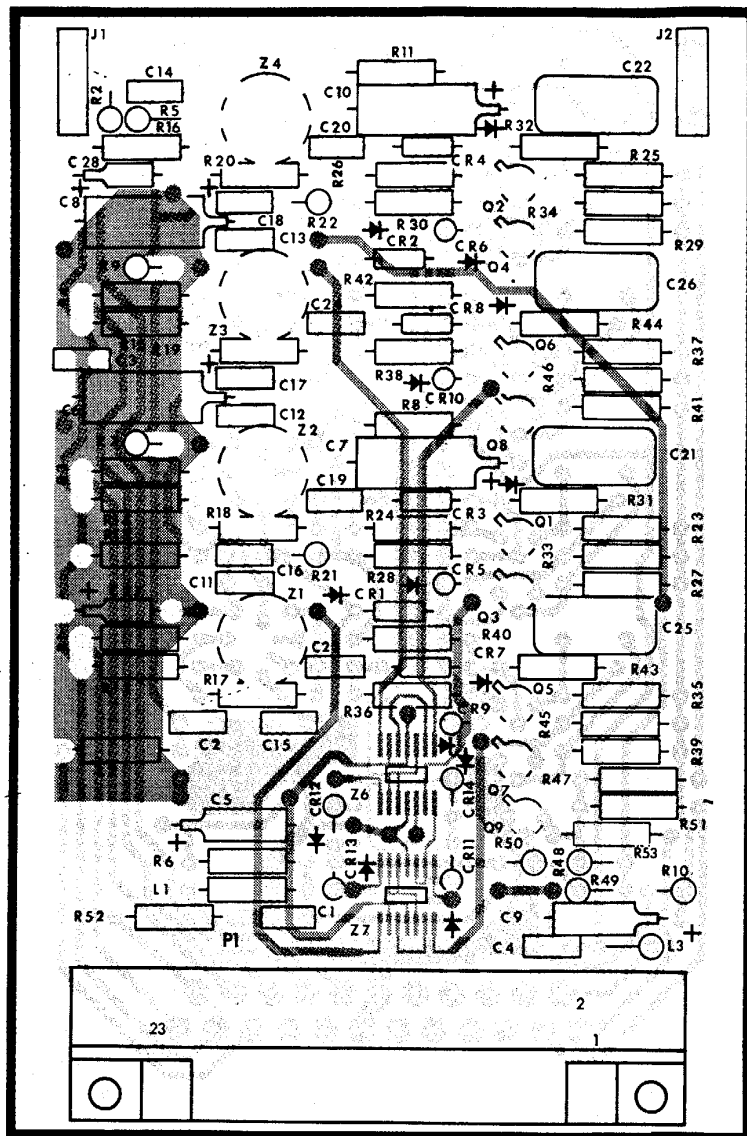
**NOTE: UNLESS OTHERWISE SPECIFIED**

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A14

Figure 33. Diver, data link video line.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
34	19	PADZZ	5905-147-2062	RN60D2212F	81349	RFSISTOR, FIXED, FILM	EA	4
34	20	PADZZ	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	2
34	21	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	9
34	22	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	4
34	23	PADZZ	5905-195-6379	RN60D1822F	81349	RESISTOR, FIXED, FILM	EA	4
34	24	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	4
34	25	PADZZ	5905-233-7141	RN6002741F	81349	RFSISTOR, FIXED, FILM	EA	1
34	26	PADZZ	5905-432-6410	RN60D1001F	81549	RESISTOR, FIXED, FILM	EA	1
34	27	PADZZ	5905-432-6410	RN55D4321F	81349	RESISTOR, FIXED, FILM	EA	1
34	28	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT	EA	4
34	29	PADZZ	5962-117-6091	SM-D-2017453-2	80063	INTEGRATED CIRCUIT, INPUT GATE GROUP 2A17 PROCESSOR, HOT TARGET	EA	3
35	1	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MIICA DIELECTRIC	EA	4
35	2	PADZZ	5910-010-8157	CSR13E336KL	81349	CAPACITOR, FIXFD, ELECTROLYTIC	EA	6
35	3	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
35	4	PADZZ	5910-010-8718	CKo6BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	4
35	5	PADZZ	5910-078-1732	CSR13G274KL	81349	CAPACITOR, FIXFD, ELECTROLYTIC	EA	1
35	6	PADZZ	5910-998-9135	CSR13G273KL	81349	CAPACITOR, FIXED, ELFCROLYTIC	EA	1
35	7	PADZZ	5961-995-2310	1N752A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
35	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	5
35	9	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
35	10	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
35	11	PADZZ	5935-131-9681	359024-11-02	81349	JACK, TIP	EA	1
35	12	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
35	13	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
35	14	PADZZ	5935-131-9697	1439024-11-05	81349	JACK, TIP	EA	1
35	15	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	4
35	16	PADZZ	5935-689-1886	SM-D-2017423-23	80063	CONNECTOR, RECFTACLE, ELECTRICAL	EA	1
35	17	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	4
35	18	PADZZ	5961-890-9867	SM-D-2017405-1	80063	TRANSISTOR	EA	1
35	19	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
35	20	PADZZ	5905-192-3479	RN60D9091F	81349	RFSISTOR, FIXED, FILM	EA	5
35	21	PADZZ	5905-138-1285	RN60DIOO1F	81349	RESISTOR, FIXED, FILM	EA	1
35	22	PADZZ	5905-702-9485	RN60D22R1F	81349	RESISTOR, FIXED, FILM	EA	2
35	23	PADZZ	5905-451-7534	RN60D7500F	81349	RESISTOR, FIXED, FILM	EA	1
35	24	PADZZ	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM	EA	2
35	25	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	1
35	26	PADZZ	5905-432-6411	RN60D3320F	81349	RESISTOR, FIXED, FILM	EA	2
35	27	PADZZ	5905-721-7791	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	1
35	28	PADZZ	5905-489-2159	RT24C2P103	81349	RFSISTOR, VARIABLE	EA	2
35	29	PADZZ	5905-192-3458	RN60D6812F	81349	RESISTOR, FIXED, FILM	EA	1
35	30	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	3

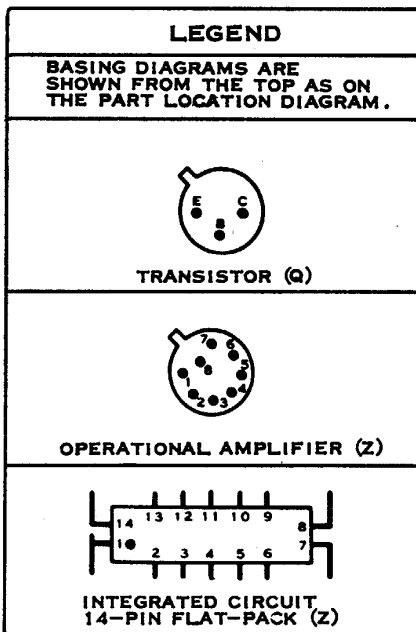


NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A15 OR 2A16.

**LEGEND**

DESIG	ITEM	DESIG	ITEM
C1	1	R3	14
C2	1	R4	14
C3	1	R5	14
C4	1	R6	16
C5	2	R7	16
C6	3	R8	16
C7	3	R9	16
C8	3	R10	16
C9	2	R11	16
C10	3	R12	17
C11	1	R13	18
C12	1	R14	17
C13	1	R15	17
C14	1	R16	17
C15	1	R17	19
C16	1	R18	19
C17	1	R19	19
C18	1	R20	19
C19	1	R21	20
C20	1	R22	20
C21	4	R23	21
C22	4	R24	22
C23	1	R25	21
C24	1	R26	22
C25	4	R27	23
C26	4	R28	24
C27	5	R29	23
C28	5	R30	24
CR1	6	R31	15
CR2	6	R32	15
CR3	7	R33	21
CR4	7	R34	21
CR5	7	R35	21
CR6	7	R36	22
CR7	7	R37	21
CR8	7	R38	22
CR9	7	R39	23
CR10	7	R40	24
CR11	7	R41	23
CR12	7	R42	24
CR13	7	R43	15
CR14	7	R44	15
J1	8	R45	21
J2	9	R46	21
L1	10	R47	15
L2	10	R48	21
L3	10	R49	25
P1	11	R50	26
Q1	12	R51	15
Q2	12	R52	17
Q3	12	R53	27
Q4	12	Z1	28
Q5	12	Z2	28
Q6	12	Z3	28
Q7	12	Z4	28
Q8	12	Z5	29
Q9	13	Z6	29
R1	14	Z7	29
R2	15		

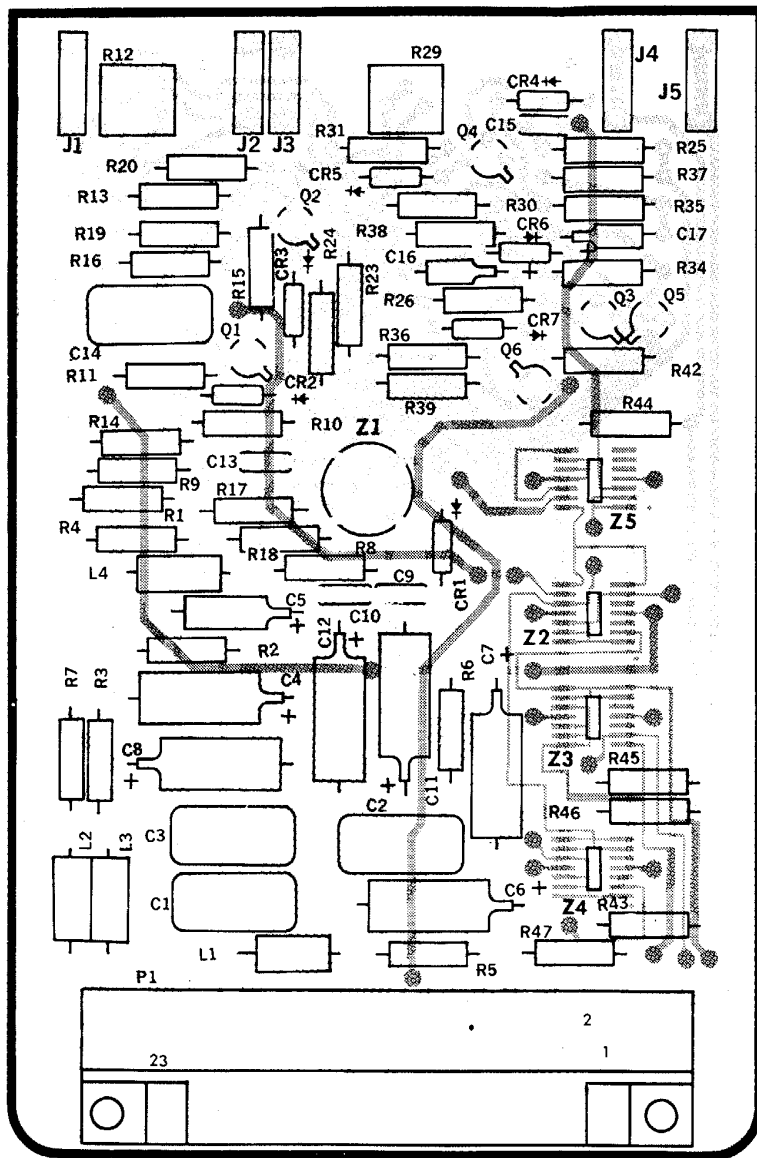


EL5850-241-34P-TM-34

Figure 34. Detector, hot target.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
35	31	PADZZ	5905-983-6914	RN60D1102F	81349	RESISTOR, FIXED, FILM	EA	3
35	32	PADZZ	5905-452-0756	RN60D4221F	81349	RESISTOR, FIXED, FILM	EA	1
35	33	PADZZ	5905-189-2467	RN60D301F	81349	RESISTOR, FIXED, FIIM	EA	1
35	34	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FIIM	EA	1
35	35	PADZZ	5905-432-0467	RN6PD3323F	81349	RESISTOR, FIXED, FIIM	EA	1
35	36	PADZZ	5905-195-6377	RN60D1502K	81349	RESISTOR, FIXED, FILM	EA	1
35	37	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT	EA	1
35	38	PADZZ	5962-470-4303	SM-D-2017457-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	3
35	39	PADZZ	5962-117-6091	SM-D-2017453-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	1
						GROUP 2A18 PROCESSOR, BIT VIDEO		
36	1	PADZZ	5910-010-8666	CK05BX102K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
36	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
36	3	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	16
36	4	PADZZ	5910-469-5604	CSR13G475-ML	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
36	5	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
36	6	PAD7Z	5961-081-6103	1N823	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
36	7	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	19
36	8	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
36	9	PADZZ	5935-131-9681	139024-11-02	81349	JACK, TIP	EA	1
36	10	PADZZ	5935-131-9726	M139024-11-06	81349	JACK, TIP	EA	1
36	11	PADZZ	5935-131-9728	1139024-11-08	81349	JACK, TIP	EA	1
36	12	PADZZ	5935-131-9697	M139024-11-05	81349	JACK, TIP	EA	1
36	13	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
36	14	PADZZ	5935-132-2309	M139024-11-10	81349	JACK, TIP	EA	1
36	15	PADZZ	5935-132-2308	1M39024-11-09	81349	JACK, TIP	EA	1
36	16	PADZZ	5935-131-9680	M39024-11-01	81349	JACK, TIP	EA	1
36	17	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
36	18	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	3
36	19	PAD7Z	5935-689-1887	SM-D-2017423-24	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
36	20	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2
36	21	PADZZ	5905-158-5065	RN65D1000F	81349	RESISTOR, FIXED, FIIM	EA	1
36	22	PADZZ	5905-759-8982	RN60D27R4F	81349	RESISTOR, FIXED, FILM	EA	2
36	23	PADZZ	5905-189-2474	RN60D4750F	81349	RESISTOR, FIXED, FIIM	EA	1
36	24	PADZZ	5905-931-2764	RT24C2X103	81349	RESISTOR, VARIABLE	EA	8
36	25	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	25
36	26	PADZZ	5905-142-0931	RN60D511F	81349	RESISTOR, FIXED, FILM	EA	9
36	27	PADZZ	5905-192-9448	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	9
36	28	PADZZ	5905-189-2479	RN60D5622F	81349	RESISTOR, FIXED, FIIM	EA	2
36	29	PADZZ	5905-983-6914	RN60D1002F	81349	RFSISTOR, FIXED, FILM	EA	2
36	30	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT	EA	8
						GROUP 2A19 BIT, ROLL STABILIZATION		
37	1	PADZZ	5910-932-2639	CSR13G106KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A17.

**LEGEND**

**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

TRANSISTOR (Q)

OPERATIONAL AMPLIFIER (Z)

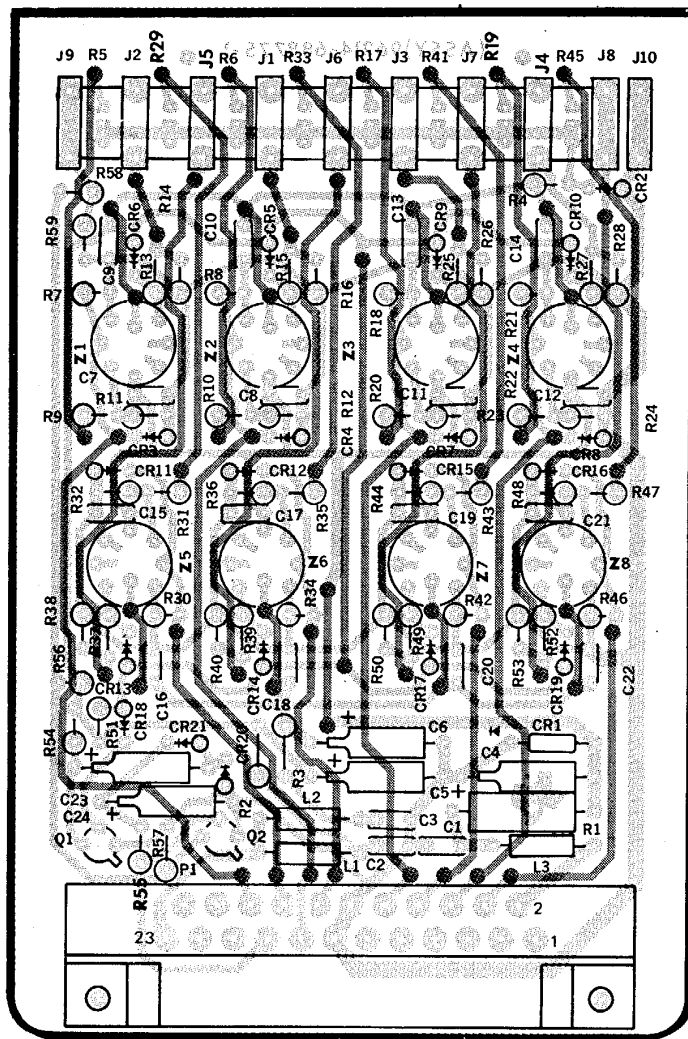
INTEGRATED CIRCUIT 14-PIN FLAT-PACK (Z)

FIELD EFFECT TRANSISTOR (FET) (Q)

DESIG	ITEM	DESIG	ITEM
C1	1	R3	22
C2	1	R4	23
C3	1	R5	24
C4	2	R6	24
C5	3	R7	22
C6	2	R8	25
C7	2	R9	26
C8	2	R10	27
C9	4	R11	21
C10	4	R12	28
C11	2	R13	29
C12	2	R14	30
C13	4	R15	31
C14	1	R16	21
C15	4	R17	26
C16	5	R18	30
C17	6	R19	20
CR1	7	R20	21
CR2	8	R23	20
CR3	8	R24	21
CR4	8	R25	32
CR5	8	R26	21
CR6	8	R29	28
CR7	9	R30	21
J1	10	R31	30
J2	11	R34	31
J3	12	R35	33
J4	13	R36	34
J5	14	R37	35
L1	15	R38	21
L2	15	R39	36
L3	15	R42	31
L4	15	R43	20
P1	16	R44	21
Q1	17	R45	20
Q2	17	R46	21
Q3	17	R47	21
Q4	18	Z1	37
Q5	17	Z2	38
Q6	19	Z3	38
R1	20	Z4	38
R2	21	Z5	39

EL5850- 241- 34P- TM- 35

Figure 35. Processor, hot target.



LEGEND

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	CR9	7	R4	23	R36	25
C2	1	CR10	7	R5	24	R37	27
C3	1	CR11	7	R6	24	R38	25
C4	1	CR12	7	R7	25	R39	27
C5	2	CR13	7	R8	25	R40	25
C6	2	CR14	7	R9	26	R41	24
C7	3	CR15	7	R10	26	R42	25
C8	3	CR16	7	R11	25	R43	26
C9	3	CR17	7	R12	25	R44	25
C10	3	CR18	7	R13	27	R45	24
C11	3	CR19	7	R14	25	R46	25
C12	3	CR20	7	R15	27	R47	26
C13	3	CR21	7	R16	25	R48	25
C14	3	J1	8	R17	24	R49	27
C15	3	J2	9	R18	25	R50	25
C16	3	J3	10	R19	24	R51	28
C17	3	J4	11	R20	26	R52	27
C18	3	J5	12	R21	25	R53	25
C19	3	J6	13	R22	26	R54	29
C20	3	J7	14	R23	25	R55	28
C21	3	J8	15	R24	25	R56	29
C22	3	J9	16	R25	27	R57	26
C23	4	J10	17	R26	25	R58	27
C24	4	L1	18	R27	27	R59	25
CR1	5	L2	18	R28	25	Z1	30
CR2	6	L3	18	R29	24	Z2	30
CR3	7	P1	19	R30	25	Z3	30
CR4	7	Q1	20	R31	26	Z4	30
CR5	7	Q2	20	R32	25	Z5	30
CR6	7	R1	21	R33	24	Z6	30
CR7	7	R2	22	R34	25	Z7	30
CR8	7	R3	22	R35	26	Z8	30

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.



TRANSISTOR (Q)



OPERATIONAL AMPLIFIER (Z)

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE  
CIRCUIT PATTERN-DARK SHADING INDICATES  
COMPONENT SIDE PATTERN

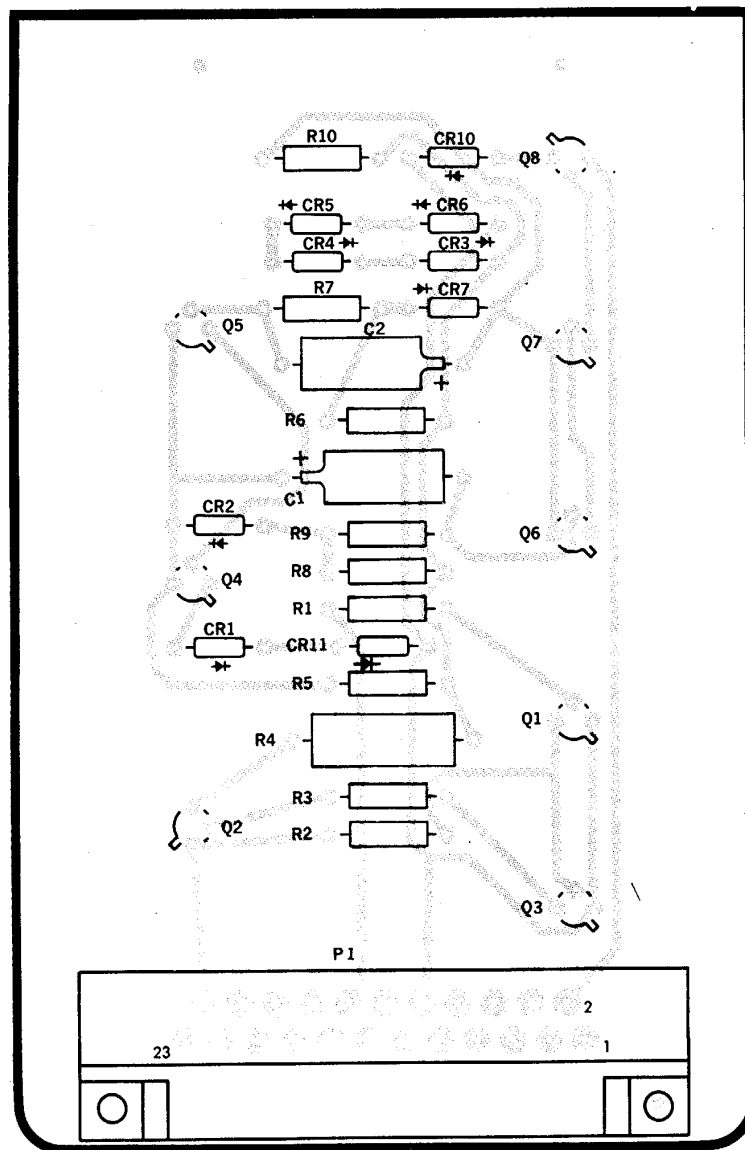
2. FOR COMPLETE REFERENCE DESIGNATION  
PREFIX WITH 2A18

Figure 36. Processor, BIT video.

SECTION II REPAIR PARTS LIST (CONTINUED)

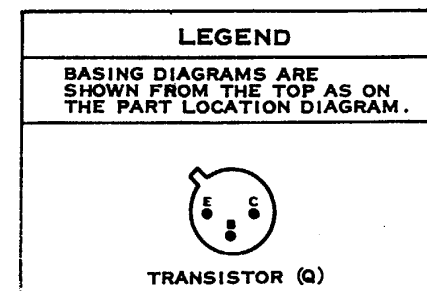
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
37	2	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	5
37	3	PADZZ	5961-995-2310	1N752A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
37	4	PADZZ	5935-478-7345	SM-D-2017423-25	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
37	5	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
37	6	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
37	7	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	4
37	8	PADZZ	5905-195-6384	RN60D3012F	81349	RESISTOR, FIXED, FILM	EA	2
37	9	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	1
37	10	PADZZ	5905-078-8802	RN70D15G0F	81349	RESISTOR, FIXED, FILM	EA	1
37	11	PADZZ	5905-764-9826	RN60D1271F	81349	RESISTOR, FIXED, FILM	EA	2
37	12	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	2
37	13	PADZZ	5905-707-4872	RN60D3652	81349	RESISTOR, FIXED, FILM	EA	2
						GROUP 2A21 DRIVERS, BIT INDICATORS		
38	1	PADZZ	5910-938-4765	CSR13G104KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
38	2	PADZZ	5910-839-3991	CSR13G10S5KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
38	3	PADZZ	5961-899-8173	1N647	81349	SEMICONDUCTOR DEVICE, DIODE	EA	20
38	4	PADZZ	5950-408-2650	S4-D-2017487-3	80063	FAULT DETECTOR	EA	9
38	5	PADZZ	5945-406-3076	SM-D-2017461-2	80063	RELAY, ARMATURE	EA	7
38	6	PADZZ	5935-410-9252	M24308-4-4	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
38	7	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	22
38	8	PADZZ	5905-889-0010	RW69V100	81349	RESISTOR, FIXED, WIREWOUND	EA	2
38	9	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	14
38	10	PADZZ	5905-197-3172	RN60D2742F	81349	RESISTOR, FIXED, FILM	EA	8
38	11	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
						GROUP 3 RECORDER GROUP, INFRARED		
						OA-8511/ AAS-24		
39	1	PDODD	5850-466-0152	SM-E-2017797	80063	RECORDER SUBASSEMBLY MX-8356/AAS-24	EA	1
39	2	PBODD	6760-938-0307	SM-E-2018360	80058	MAGAZINE, FILM MA-26/AAS-24	EA	2
						GROUP 3A1 RECORDER SUBASSEMBLY MX-8356/AAS-24		
40	1	PAFDD	5850-431-0338	SM-E-2017972	80063	HEAT SINK ASSEMBLY, SYNCHONIZER	EA	1
						ELECTRICAL RECEIVER		
40	2	AHFHH		SM-E-2017805	80063	ELECTRONIC ASSEMBLY	EA	1
40	3	PAFZZ	6645-255-1371	MS17322-6A	96906	METER, TIME TOTALIZING	EA	1
40	4	PAFDD	5850-252-5741	SM-D-2017875	80063	HEAT SINK ASSEMBLY SERVO RECORDFR	EA	1
40	5	XBFFZ		SM-D-2017803	80063	COVER, ACCESS, SYNCHRONIZER RECORDER	EA	1
40	6	XBFFZ		SM-D-2017803-1	80063	COVER ACCESSORY, SYNCHRONIZER RECORDER	EA	1
40	7	AHFHD		SM-D-2017982	80063	POWER SUPPLY, LIGHT EMITTING DIODE	EA	1
40	8	XBFFZ		SM-C-2018541	80063	BAR BUSS, RECORDER	EA	1
40	9	PADZZ	5940-983-6051	37TB10	81349	TERMINAL BOARD	EA	1
40	10	PAFDD	5850-431-0336	SM-E-2017988	80063	DATA ANNOTATION ASSEMBLY	EA	1
40	11	XBFFZ		SM-C-2017800	80063	SPACER, NO 1 HOUSING, PRINTED WIRING BOARD	EA	2
40	12	XBFFZ		SM-C-2017801	80063	SPACER, NO 2, HOUSING, PRINTED WIRING BOARD	EA	2
40	13	AHHHD		SM-E-2017877	80063	HOUSING ASSEMBLY, PRINTED WIRING BOARD (LED)	EA	1





LEGEND

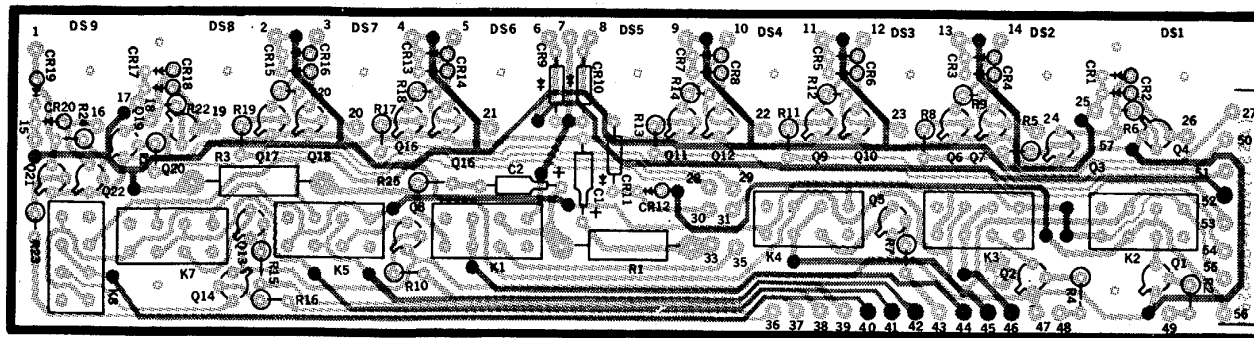
DESIG	ITEM	DESIG	ITEM
C1	1	Q3	5
C2	1	Q4	7
CR1	2	Q5	7
CR2	2	Q6	7
CR3	3	Q7	7
CR4	3	Q8	5
CR5	3	R1	8
CR6	3	R2	8
CR7	2	R3	9
CR11	2	R4	10
P1	4	R5	11
Q1	5	R6	12
Q2	6	R7	13
		R8	12
		R9	13
		R10	11



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A19

Figure 37. BIT, roll stabilization.



**LEGEND**

DESIG ITEM DESIG ITEM DESIG ITEM

C1	1	DS8	4	Q19	7
C2	2	DS9	4	Q20	7
CR1	3	K1	5	Q21	7
CR2	3	K2	5	Q22	7
CR3	3	K3	5	R1	8
CR4	3	K4	5	R2	9
CR5	3	K5	5	R3	8
CR6	3	K6	5	R4	9
CR7	3	K7	5	R5	9
CR8	3	K8	5	R6	10
CR9	3	F1	6	R7	9
CR10	3	Q1	7	R8	9
CR11	3	Q2	7	R9	10
CR12	3	Q3	7	R10	9
CR13	3	Q4	7	R11	9
CR14	3	Q5	7	R12	10
CR15	3	Q6	7	R13	9
CR16	3	Q7	7	R14	10
CR17	3	Q8	7	R15	9
CR18	3	Q9	7	R16	9
CR19	3	Q10	7	R17	9
CR20	3	Q11	7	R18	10
DS1	4	Q12	7	R19	9
DS2	4	Q13	7	R20	10
DS3	4	Q14	7	R21	9
DS4	4	Q15	7	R22	10
DS5	4	Q16	7	R23	9
DS6	4	Q17	7	R24	10
DS7	4	Q18	7	R25	11

**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.



TRANSISTOR (Q)

NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 2A21

EL5850-241-34P-TM-38

Figure 38. Drivers, BIT indicators.

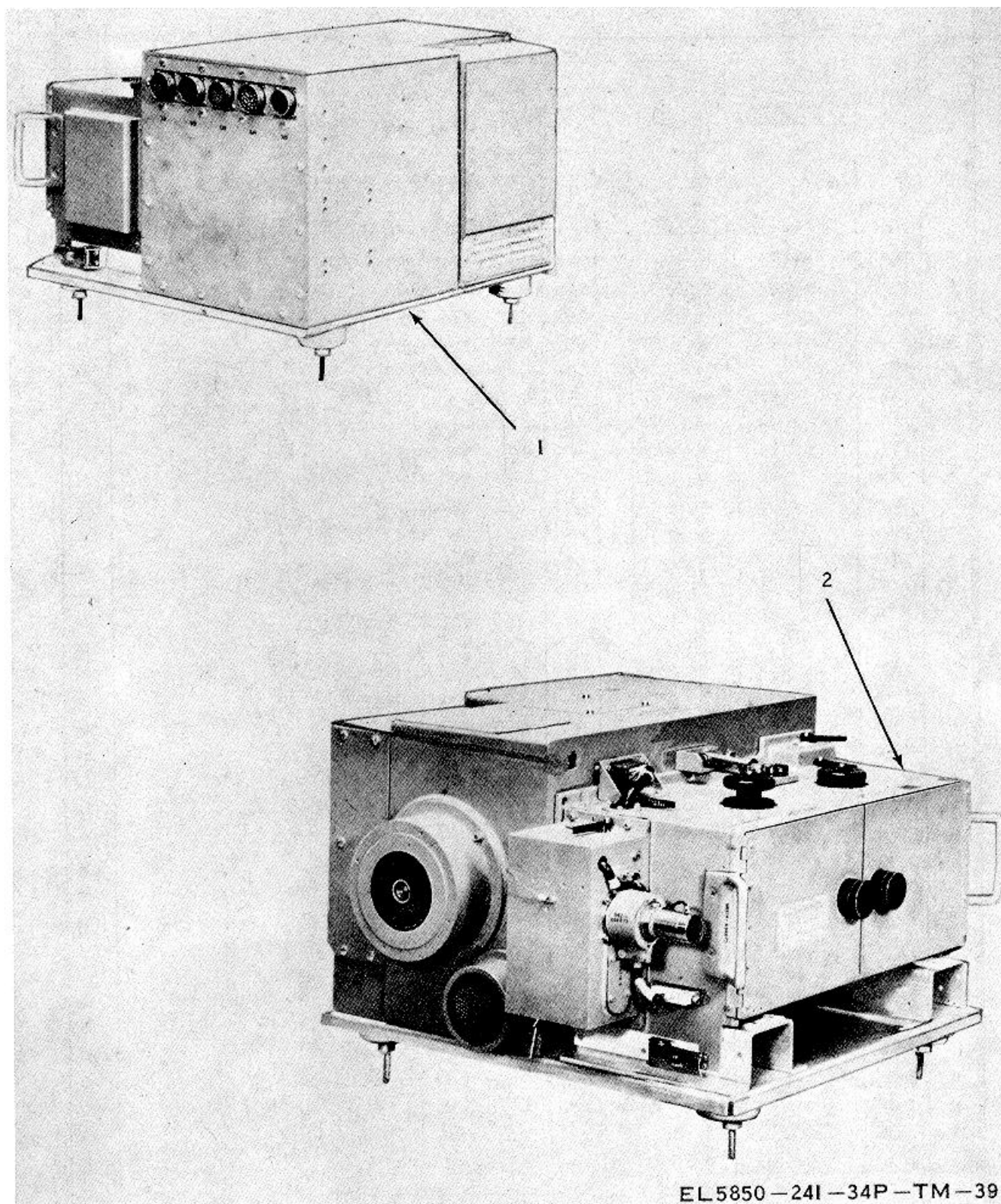


Figure 39. Recorder group, infrared OA-8511/AAS-24.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
40	14	XBFZZ	5310-241-6832	SM-D-2019410-8	80063	NUT ASSEMBLY, RETAINER PLATE	EA	1
40	15	PADZZ	5935-725-4446	MS3122E20-39P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
40	16	XBDZZ		9S-C-2019436	80063	GASKET, SHIELDING	EA	1
40	17	PADZZ	5935-139-2715	SM-D-2017433-4	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
40	18	XBDZZ		SM-C-2019436-5	80063	GASKET, SHIELDING	EA	1
40	19	PADZZ	5935-988-4231	MS3122E20-41S	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
40	20	PADZZ	5935-901-6990	MS3122E22-55PY	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
40	21	PADZZ	5945-226-5241	MS27401-1	96906	RELAY, POLARIZED	EA	1
40	22	XBFZZ		SM-D-2017796	80063	GASKET, COVER, FRONT	EA	1
40	23	XBFZZ		SM-D-2017804	80063	BRACKET, POWER CONNECTOR	EA	1
40	24	XBFZZ		SM-D-2017798	80063	COVER, FRONT, RECORDER	EA	1
40	25	PADZZ	5935-728-4730	MS3122F22-55SX	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
40	26	XBFZZ	5310-255-9830	SM-D-2019410-9	80063	NUT ASSEMBLY, RETAINER PLATE	EA	1
40	27	XBFZZ		SM-B-2018012-1	80063	SEAL, RUBBER STRIP	EA	2
40	28	XBFZZ		SM-D-2019543	80063	SHIELD, LIGHT, NO 3	EA	1
40	29	XBFZZ		SM-B-2018012-3	80063	SEAL, RUBBER STRIP	EA	1
40	30	XBFZZ		SM-D-2019542	80063	SHIELD, LIGHT, NO 2	EA	1
40	31	XBFZZ		SM-C-2019548	80063	GASKET, SEAL, LIGHT	EA	1
40	32	XBFZZ		SM-D-2019541	80063	SHIELD, LIGHT, NO 1	EA	1
40	33	PADZZ	5935-976-5425	M24308-2-4	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
40	34	XBFZZ		SM-B-2019544	80063	SHIELD, LIGHT, NO 4	EA	1
40	35	XBFZZ		SM-B-2018012-2	80063	SEAL, RUBBER STRIP	EA	1
40	36	AHHDD	5850-110-3448	SM-E-2018021	80063	DIODE APRAY AND V/H MECHANICAL ASSEMBLY	EA	1
40	37	ADDDL		SM-E-2017932	80063	ROTATING, DRUM ASSEMBLY, RECORDER	EA	1
40	38	XBFZZ		SM-C-2018006	80063	SHIM, RECORDER	EA	1
40	39	XBFZZ		SM-D-2018005	80063	SUPPORT, LIGHT SOURCE AND SENSOR	EA	1
40	40	XBFZZ		SM-C-2017888	80063	BRACKET, CONNECTOR, RECORDER	EA	1
40	41	PAFFD	5850-431-0334	SM-E-2018013	80063	SOURCE AND SENSOR ASSEMBLY, RECORDER	EA	1
40	42	PADZZ	5935-490-5220	M24308-2-2	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
40	43	PAFZZ	5850-197-1763	S9-D-2018009	80063	DISK, REFERENCE MASK	EA	1
40	44	XDFZZ		SM-B-2018007	80063	GASKET, RETAINER, DISK	EA	1
40	45	XBHZZ		SM-D-2018004	80063	RETAINER, DISK	EA	1
40	46	XBFZZ		SM-E-2017969	80063	BASE, SHOCK, MOUNTING RECEIVER INFRARED	EA	1
40	47	XBFZZ		SM-C-2017872	80063	FILTER, AIR	EA	1
40	48	PAHZZ	5930-579-8114	MS16106-1	96906	SWITCH, SENSITIVE INTERLOCK	EA	4
40	49	XBFZZ		SM-B-2017886	80063	CLAMP, HUB	EA	1
40	50	AHHDD		SM-D-2019546	80063	MOTOR, ASSEMBLY, RECORDER	EA	1
40	51	PAFZZ	4140-480-1248	SM-D-2017384-12	80063	FAN, VANEAXIAL	EA	1
40	52	XBFZZ		SM-D-2018010	80063	PLATE, MOUNTING FAN	EA	1
40	53	PAFZZ	3010-409-0918	SM-C-2017887	80063	COUPLING, BELLOWES	EA	1
40	54	PADZZ	5935-929-0412	MS3122E12-3S	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
40	55	PAHZZ	5935-968-5462	MS3126E12-3P	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
40	56	PADZZ	5935-988-3543	MS3126E20-16S	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
40	57	XBFZZ		SM-C-2017802	80063	LATCH	EA	1
40	58	PADZZ	5935-483-4029	SM-D-2017459-8	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
40	59	PADZZ	5935-476-7991	SM-D-2017492-2	80063	CONNECTOR BODY, RECEPTACLE, ELECTRICAL	EA	1
40	60	PADZZ	5935-410-9250	IQ4308-2-3	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
40	61	PADZZ	5935-489-1997	M24308-2-5	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
40	62	PADZZ	5961-899-8173	1N647	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
40	63	PADDD	5995-480-5731	SM-E-2019675	80063	RECORDER, WIRING HARNESS GROUP 3A1MP61 ROTATING DRUM ASSEMBLY RECORDER	EA	1
41	1	PADZZ	3110-978-0851	SM-C-2019470-1	80063	BEARING, BALL ANNULAR	EA	1
41	2	XBDZZ		SM-C-2017954	80063	SPACER ASSEMBLY BEARING	EA	1
41	3	XBDZZ		SM-C-2017960	80063	NUT, OUTER, PLATEN BEARING	EA	1
41	4	XBDZZ		SM-D-2017968	80063	DRUM, RECORDING	EA	1
41	5	XBDZZ		SM-B-2018186	80063	NUT, LOCKING CASE	EA	4
41	6	PADZZ	5850-110-3449	SM-D-2017933	80063	OBJECTIVE ASSFMBLY	EA	4
41	7	XBDZZ		SM-C-2017967	80063	CASE, MOUNTING FOCUS, MICROSCOPE	EA	4
41	8	XBDZZ		SM-D-2017950	80063	PLATEN ASSEMBLY, INNER	EA	1
41	9	XBDZZ		SM-C-2018187	80063	PLATE, RETAINER BEARING	EA	1
41	10	XBDZZ		SM-C-2017956-6	80063	NUT, MODIFIED	EA	1
41	11	PADZZ	6650-408-2621	SM-D-2017966	80063	MIRROR, ALIGNMENT, RECORDER	EA	1
41	12	XBDZZ	5315-616-5515	MS35756-5	96906	KEY, WOODRUFF	EA	2
41	13	XBDZZ		SM-C-2019254	80063	WASHER, NON-METALLIC	EA	1
41	14	XBDZZ		SM-C-2019255	80063	WASHER, FLAT	EA	1
41	15	XBFZZ	5305-959-1082	SM-C-201959-4	80063	NUT, MODIFIED	EA	1
41	16	XBDZZ		SM-D-2017964	80063	HUB, MOUNTING CODE DISC RECREATION	EA	1
41	17	XBDZZ		SM-B-2017957	80063	KEY, SPECIAL	EA	1
41	18	PADZZ	5850-252-5738	SM-D-2017963	80063	DISK, CODE	EA	1
41	19	XBDZZ		SM-C-2017958	80063	WASHER, MOUNTING, CODE WHEEL	EA	1
41	20	XBDZZ		SM-C-2017962	80063	NUT, MOUNTING, CODE WHEEL	EA	1
41	21	XBDZZ		SM-C-2017959-1	80063	NUT, MODIFIED GROUP 3A1A1 RECORDER SYNCHRONIZATION ELECTRONICS ASSEMBLY	EA	4
42	1	PAHZZ	5935-432-6513	SM-C-2017494-1	80063	CONNECTOR, RECEPTACLE, ELECTRIC	EA	8
42	2	PAHDD	5595-480-5725	SM-E-2019670	80063	WIRING HARNESS, RECEPTACLE SYNCHRONIZATION ELECTRICAL	EA	1
42	3	XBHZZ		SM-D-2017810	80063	COVER, SYNCHRONIZER, ELECTRIC	EA	1
42	4	PAHZZ	5935-490-8389	M24308-4-5	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
42	5	PAHZZ	5935-490-5220	M24308-2-2	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
42	6	XBHZZ		SM-D-2017882	80063	COVER, SYNCHRONIZER, ELECTRICAL	EA	1
42	7	XBHZZ	5325-074-3301	MS-21266-2N	96906	GROMMET, PLASTIC	EA	1
42	8	XBFZZ	5325-074-3301	SM-C-2017808	80063	GASKET, HFAT SINK	EA	1
42	9	XBFZZ		SM-D-2019313	80063	FILTER, AIR, EMI/RFI SHIELD	EA	1
42	10	PAHZZ	5940-983-6055	37TB14	81349	TERMINAL BOARD	EA	1

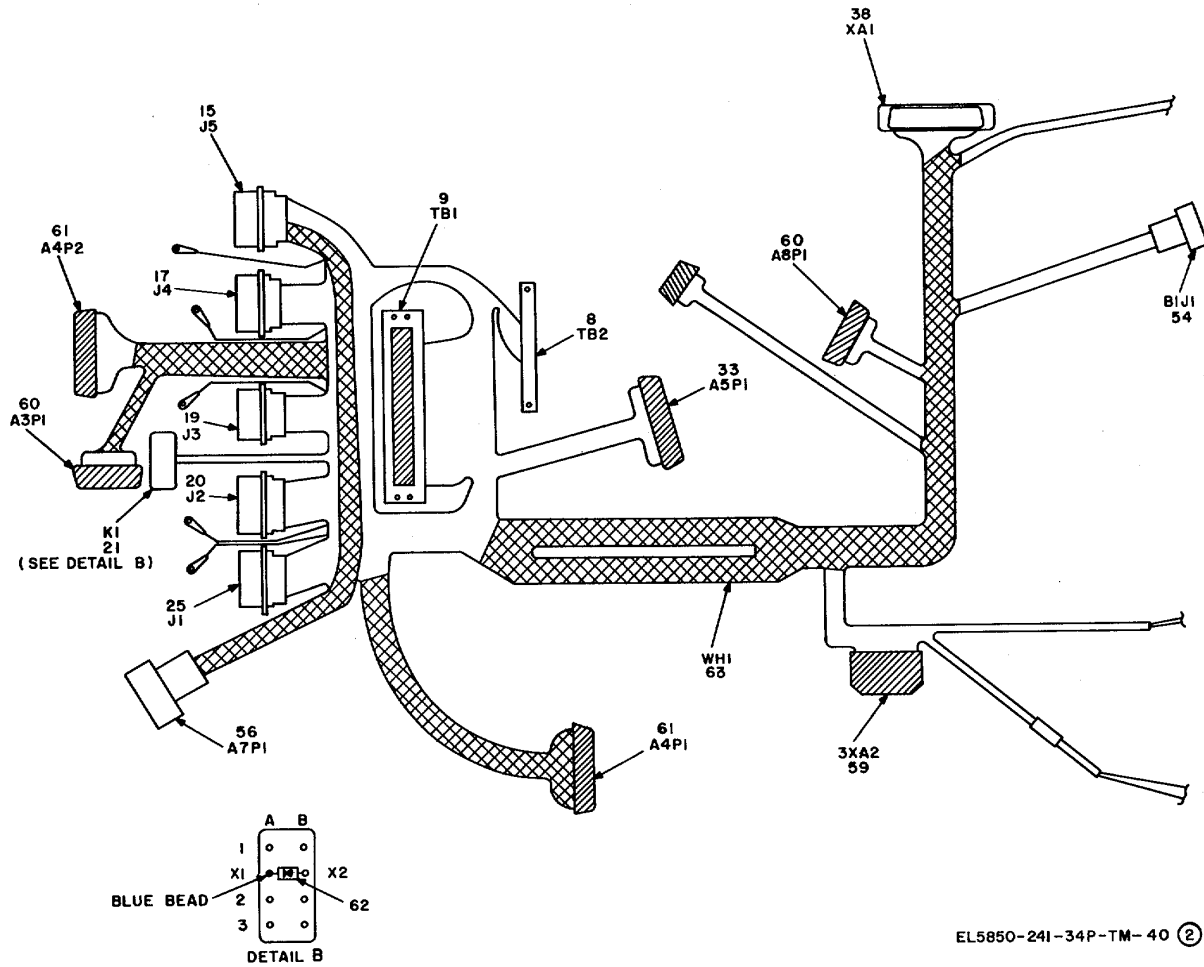


Figure 40 (2). Recorder subassembly MX-8356/AAS-24 (sheet 2 of 2)

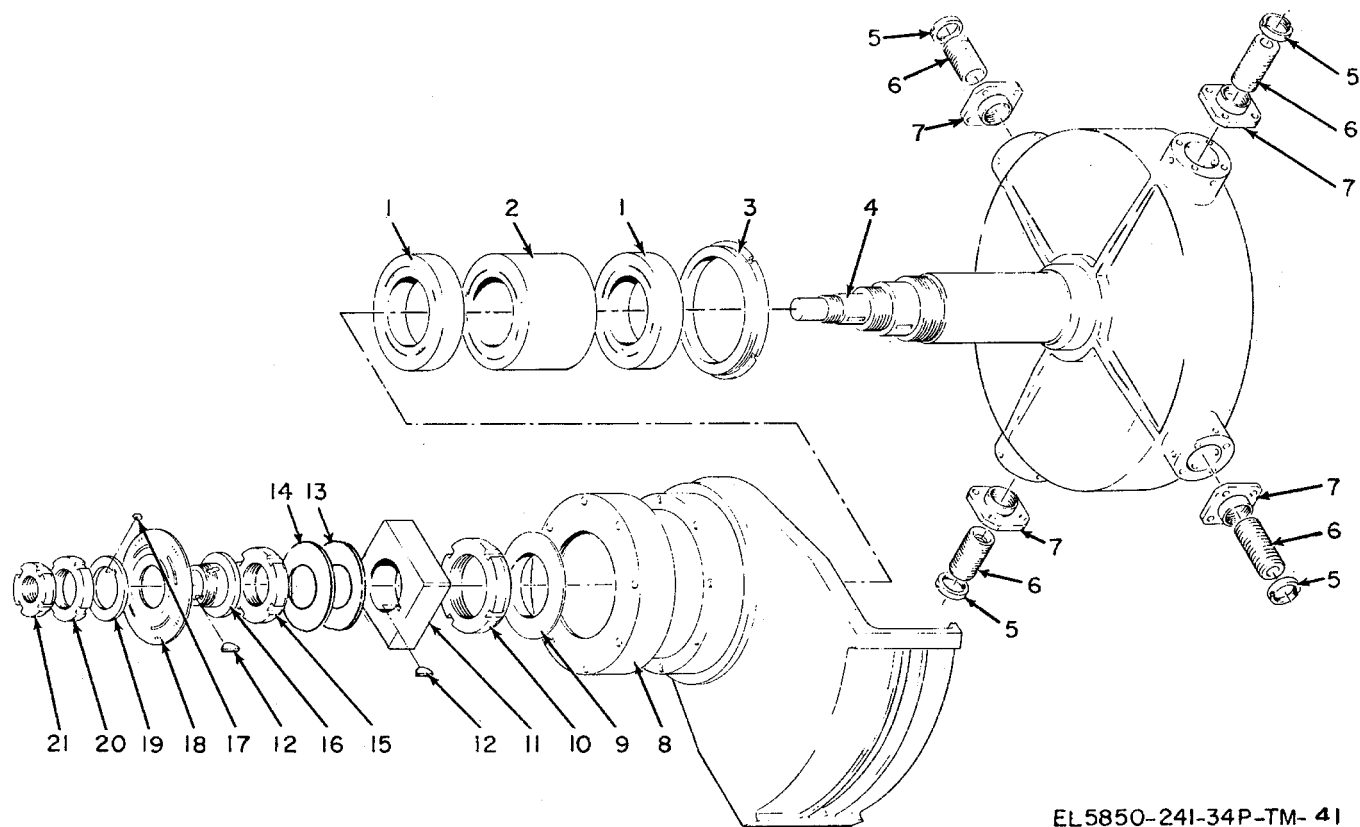
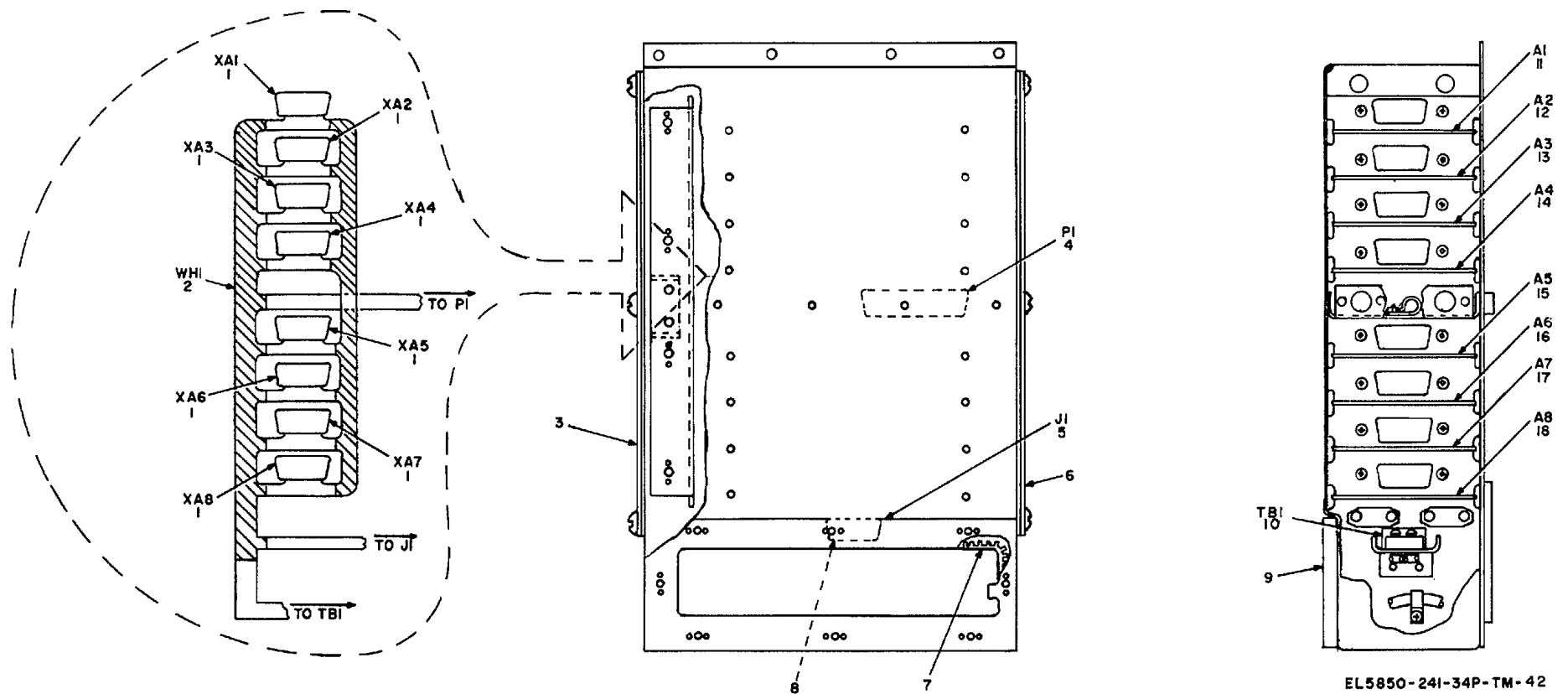


Figure 41. Rotating drum recorder assembly

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
42	11	PAFDD	5850-409-8100	SM-D-2017903	80063	AMPLIFIER, COARSE & FINE PHASE	EA	1
42	12	PAFDD	5850-408-2588	SM-D-2017906	80063	AMPLIFIER, FINE, PHASE SIGNAL 2	EA	1
42	13	PAFDD	5950-409-8117	SM-D-2017897	80063	DETECTOR ASSEMBLY, RATE	EA	1
42	14	PAFDD	5850-409-8097	SM-D-2017881	80063	DETECTOR, COARSE PHASE	EA	1
42	15	PAFDD	5850-409-8109	SM-D-2017909	80063	DETECTOR, FINE PHASE	EA	1
42	16	PAFDD	5850-409-8095	SM-D-2017894	80063	CONTROLLER, RECORDER	EA	1
42	17	PAFDD	5850-403-5818	SM-D-2017900	80063	DRIVER ASSEMBLY, MOTOR RECEIVER & RECORDER	EA	1
42	18	PAFDD	5850-407-7050	SM-D-2017869	80063	GENERATOR, GATE	EA	1
						GROUP: 3A1A1A1 AMPLIFIER, COARSE AND FINE PHASE NO. 1 (SEE GROUP: 1A1A2 FOR PARTS LISTING) GROUP: 3A1A1A2 AMPLIFIER, FINE PHASE NO. 2 (SEE GROUP: 1A1A3 FOR PARTS LISTING) GROUP: 3A1A1A3 DETECTOR, RATE (SEE GROUP: 1A1A4 FOR PARTS LISTING) GROUP: 3A1A1A4 DETECTOR, COARSE PHASE		
43	1	PAD7Z	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
43	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
43	3	PADZZ	5910-453-8796	CM05FD181J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
43	4	PADZZ	5910-839-3991	CSR13G105KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
43	5	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
43	6	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
43	7	PADZZ	5910-450-5239	SM-D-2017484-1	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	2
43	8	PADZZ	5910-139-9721	SM-D-2017484-4	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
43	9	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	5
43	10	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
43	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
43	12	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
43	13	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
43	14	PFDZZ	5935-132-2308	M39024-11-09	81349	JACK, TIP	EA	1
43	15	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
43	16	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	3
43	17	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
43	18	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
43	19	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	6
43	20	PADZZ	5905-132-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	11
43	21	PADZ7	5905-702-9485	RN60D22RLF	81349	RESISTOR, FIXED, FILM	EA	1
43	22	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	2
43	23	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	4
43	24	PADZZ	5905-189-2477	RN60D4992F	81349	RESISTOR, FIXED, FILM	EA	1
43	25	PADZZ	5905-196-1020	RT24C2P501	81349	RESISTOR, VARIABLE	EA	1
43	26	PADZZ	5905-451-7414	RN60D2003F	81349	RESISTOR, FIXED, FILM	EA	1
43	27	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
43	28	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILM	EA	2



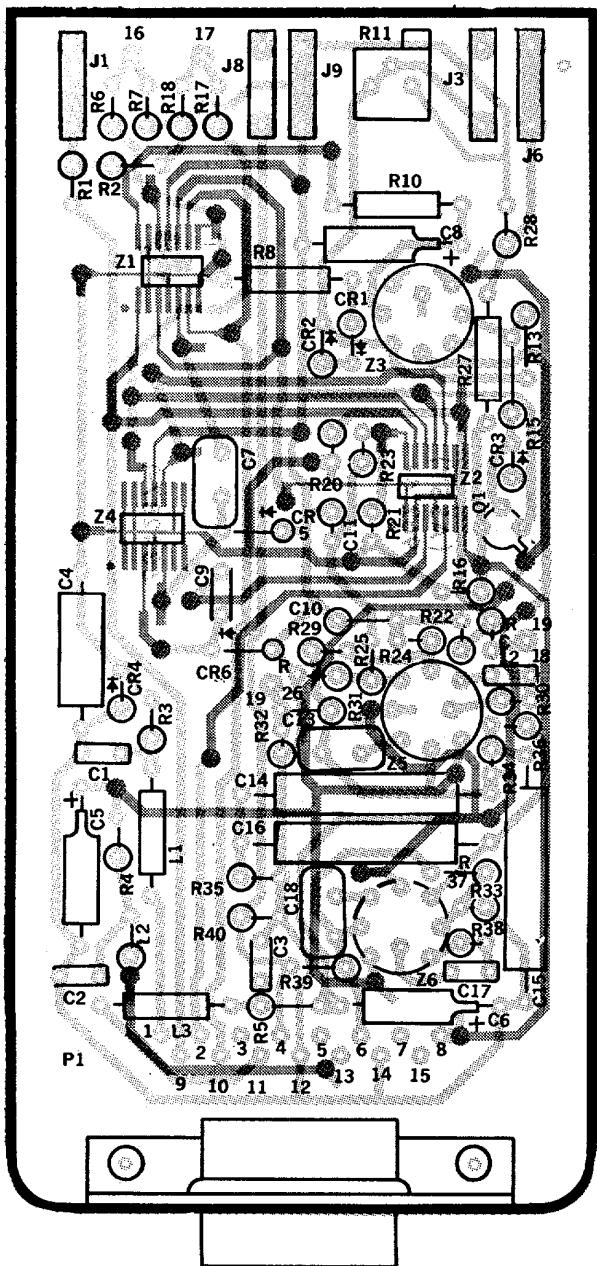


EL5850-241-34P-TM-42

Figure 42. Recorder synchronization electronics assembly.

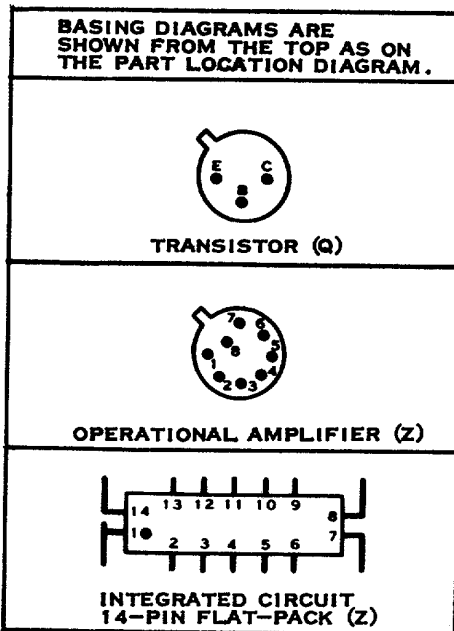
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
43	29	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FILM	EA	1
43	30	PADZZ	5905-709-2976	RN60D5361F	81349	RESISTOR, FIXED, FILM	EA	1
43	31	PADZZ	5962-117-6091	SM-D-2017453-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	2
43	32	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	3
43	33	PADZZ		SM-D-2017397-2	80063	INTEGRATED CIRCUIT, FLIP-FLOP GROUP: 3A1A1A5 DETECTOR, FINE PHASE (SEE GROUP: 1A1A5 FOR PARTS LISTING) GROUP: 3A1A1A6 CONTROLLER, RECORDER SYNCHRONIZATION	EA	1
44	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
44	2	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	5
44	3	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
44	4	PADZZ	5910-460-0869	CM05FD221J03	81149	CAPACITOR, FIXED, MICA DIELECTRIC	EA	5
44	5	PADZZ	5910-229-7757	SM-D-2017484-6	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	2
44	6	PADZZ		SM-D-2017446-2	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
44	7	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
44	8	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
44	9	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
44	10	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
44	11	PADZZ	5935-131-9697	1M39024-11-05	81349	JACK, TIP	EA	1
44	12	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
44	13	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
44	14	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	1
44	15	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	2
44	16	PADZZ	5905-197-3172	RN60D2742F	81349	RESISTOR, FIXED, FILM	EA	1
44	17	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	2
44	18	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
44	19	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	5
44	20	PADZZ	5905-197-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	4
44	21	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	5
44	22	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	4
44	23	PADZZ	5905-025-5988	RN60D3321F	81349	RESISTOR, FIXED, FILM	EA	2
44	24	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	6
44	25	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	1
44	26	PADZZ	5905-189-2477	RN6004992F	81349	RESISTOR, FIXED, FILM	EA	2
44	27	PADZZ	5962-861-3220	SM-D-20174831	80063	INTEGRATED CIRCUIT OPERATIONAL AMPLIFIER GROUP: 3A1A1A7 DRIVER, MOTOR (SEE GROUP: 1A1A7 FOR PARTS LISTING) GROUP: 3A1A1A8 GENERATOR, GATE	EA	5
45	1	PADZZ	5910-010-8718	OK06BX103K	81349	CAPACITOR, FIXED, CERAMIC, DIELECTRIC	EA	1
45	2	PADZZ	5910-113-5689	CSR13E476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
45	3	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
45	4	PADZZ	5910-255-4054	CM06FD202J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1



**LEGEND**

DESIG ITEM	DESIG ITEM	DESIG ITEM
C1 1	J6 13	R22 20
C2 1	J8 14	R23 20
C3 1	J9 15	R24 23
C4 2	L1 16	R27 19
C5 2	L2 16	R28 20
C6 2	L3 16	R30 27
C7 3	P1 17	R31 19
C8 2	Q1 18	R32 20
C9 3	R1 19	R34 28
C10 4	R2 20	R35 29
C11 4	R3 21	R36 28
C12 5	R4 22	R37 30
C13 6	R5 22	R38 27
C14 7	R6 19	R39 19
C15 8	R7 20	R40 20
C16 7	R8 23	Z1 31
C17 5	R10 24	Z2 31
C18 6	R11 25	Z3 32
CR1 9	R13 26	Z4 33
CR2 9	R15 23	Z5 32
CR3 9	R16 20	Z6 32
CR4 10	R17 19	
CR5 9	R18 20	
CR6 9	R19 23	
J1 11	R20 20	
J3 12	R21 20	



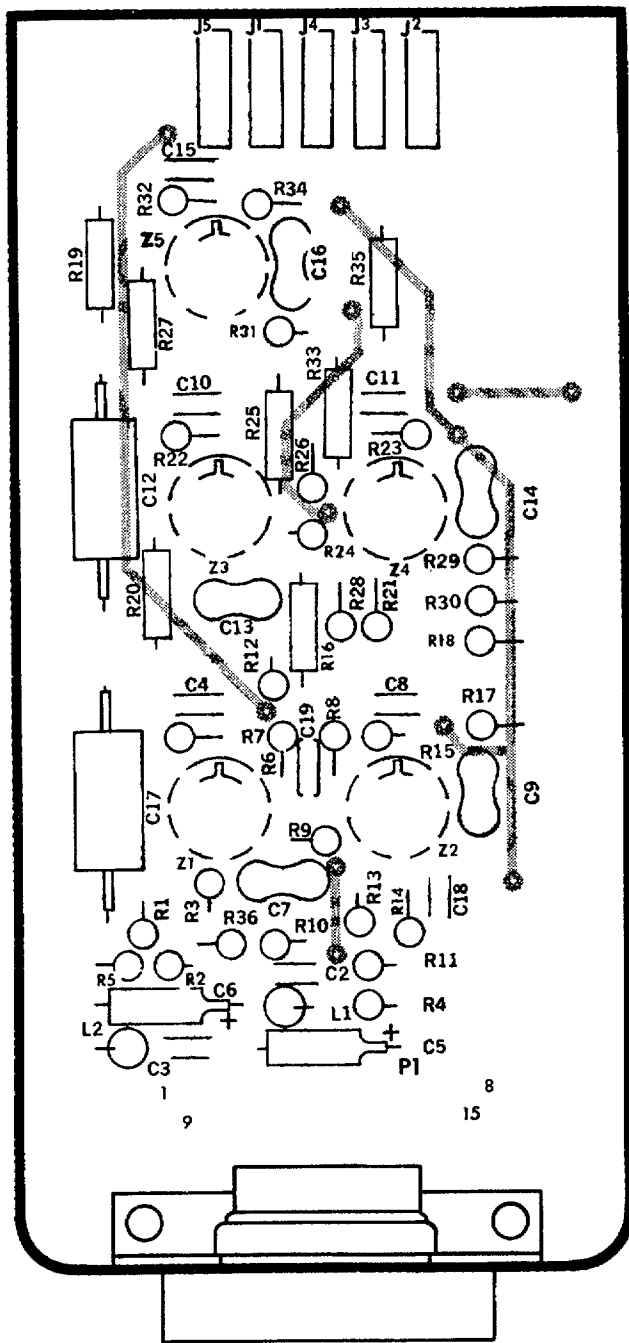
- NOTE: UNLESS OTHERWISE SPECIFIED**
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1A1A4

EL 5850-241-34P-TM-43

Figure 43. Detector, coarse phase.

LEGEND

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C2	1	L1	12	R21	21
C3	1	L2	12	R22	19
C4	2	P1	13	R23	19
C5	3	R1	14	R24	20
C6	3	R2	15	R25	26
C7	4	R3	16	R26	22
C8	2	R4	17	R27	24
C9	4	R5	17	R28	24
C10	2	R6	18	R29	20
C11	2	R7	19	R30	22
C12	5	R8	20	R31	24
C13	4	R9	21	R32	19
C14	4	R10	21	R33	26
C15	2	R11	15	R34	20
C16	4	R12	22	R35	22
C17	5	R13	23	R36	23
C18	6	R14	21	Z1	27
C19	6	R15	19	Z2	27
J1	7	R16	24	Z3	27
J2	8	R17	21	Z4	27
J3	9	R18	25	Z5	27
J4	10	R19	24		
J5	11	R20	24		



**LEGEND**

**BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.**

**OPERATIONAL AMPLIFIER (Z)**

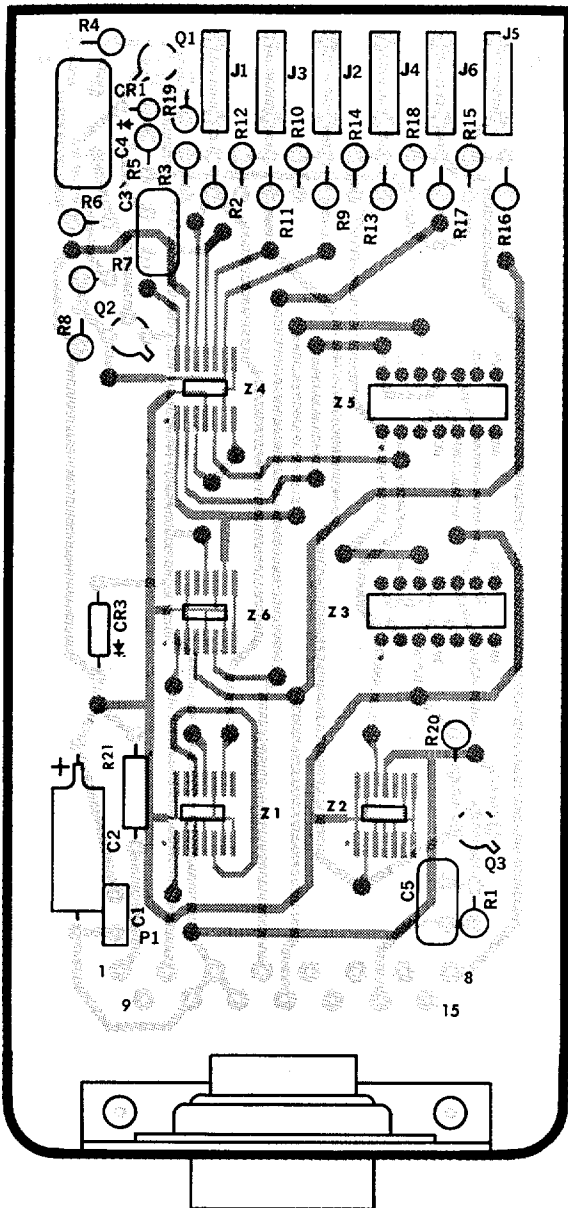
**NOTE: UNLESS OTHERWISE SPECIFIED**

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1A1A6

Figure 44. Controller, recorder synchronization.

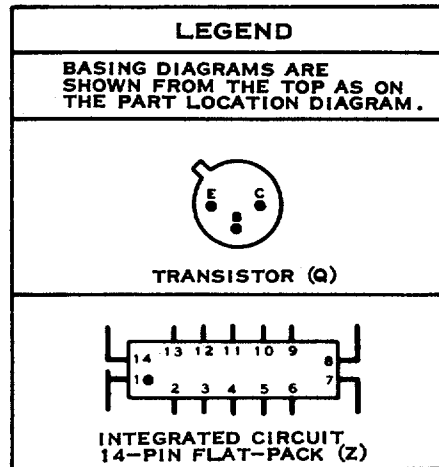
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
45	5	PADZZ	5910-176-7322	CM05ED270J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
45	6	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
45	7	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
45	8	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
45	9	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
45	10	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
45	11	PADZZ	5935-131-9681	M39024-11-08	81349	JACK, TIP	EA	1
45	12	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
45	13	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
45	14	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
45	15	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2
45	16	PADZZ	5961-946-6643	2N2432	81349	TRANSISTOR	EA	1
45	17	PADZZ	5905-189-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	1
45	18	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	6
45	19	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	8
45	20	PADZ7	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	3
45	21	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	1
45	22	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	1
45	25	PADZZ		SM-D-2017397-2	80063	INTEGRATED CIRCUIT, FLIP-FLOP	EA	1
45	26	PADZZ	5962-247-3394	SM-D-2017465-1	80063	INTEGRATED CIRCUIT DECADE COUNTER	EA	2
45	27	PADZZ	5962-117-6091	SM-D-2017453-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	2
						GROUP: 3A1A2 RECORDER SYNCHRONIZATION ELECTRONICS ASSEMBLY, HEATSINK		
46	1	PADZZ	5905-827-6619	RF75GR237	81349	RESISTOR, FIXED, WIREWOUND	EA	1
46	2	PADZZ	5905-905-7761	RE60G1000	81349	RESISTOR, FIXED, WIREWOUND	EA	3
46	3	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
46	4	PADZZ	5999-411-7645	M24308-11-1	81349	CONTACT, ELECTRICAL	EA	15
46	5	PADZZ		SM-D-2017446-5	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
46	6	PADZZ	5905-003-5678	RE70GR231	81349	RESISTOR, FIXED, WIREWOUND	EA	1
46	7	PADZZ	5910-010-8718	CK06BX003K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
46	8	PADZZ	5961-405-0465	SM-D-2019501-1	80063	TRANSISTOR	EA	1
46	9	PADZZ	5970-144-7425	SM-C-2019625-2	80063	INSULATOR, BUSHING	EA	4
46	10	PADZZ	5970-254-6677	SM-C-2019625-1	80063	INSULATOR, BUSHING	EA	1
46	11	PADZZ	5961-978-5966	1N1614	81349	DEVICE, DIODE	EA	1
46	12	PADZZ	5970-253-6024	SM-C-2019625-5	80063	INSULATOR, BUSHING	EA	6
46	13	PADZZ	5961-00-999-7351	164-10	05277	TRANSISTOR	EA	3
46	14	PADZZ	5930-903-1641	SM-D-2017390-1	80063	SWITCH, THERMOSTAT	EA	1
46	15	PADZZ	5940-681-8184	MS35431-8	96906	TERMINAL, LUG	EA	1
46	16	PADZZ	5961-923-3951	2N2151	81349	TRANSISTOR	EA	1



**LEGEND**

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	R1	17	R17	18
C2	2	R2	18	R18	19
C3	3	R3	19	R19	20
C4	4	R4	19	R20	22
C5	5	R5	20	R21	23
CR1	6	R6	21	Z1	24
CR3	7	R7	20	Z2	25
J1	8	R8	19	Z3	26
J2	9	R9	18	Z4	27
J3	10	R10	19	Z5	26
J4	11	R11	18	Z6	27
J5	12	R12	19		
J6	13	R13	18		
P1	14	R14	19		
Q1	15	R15	19		
Q2	16	R16	18		
Q3	15				



**NOTE: UNLESS OTHERWISE SPECIFIED**

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1A1A8

EL5850-241-34P-TM-45

Figure 45. Generator, gate.

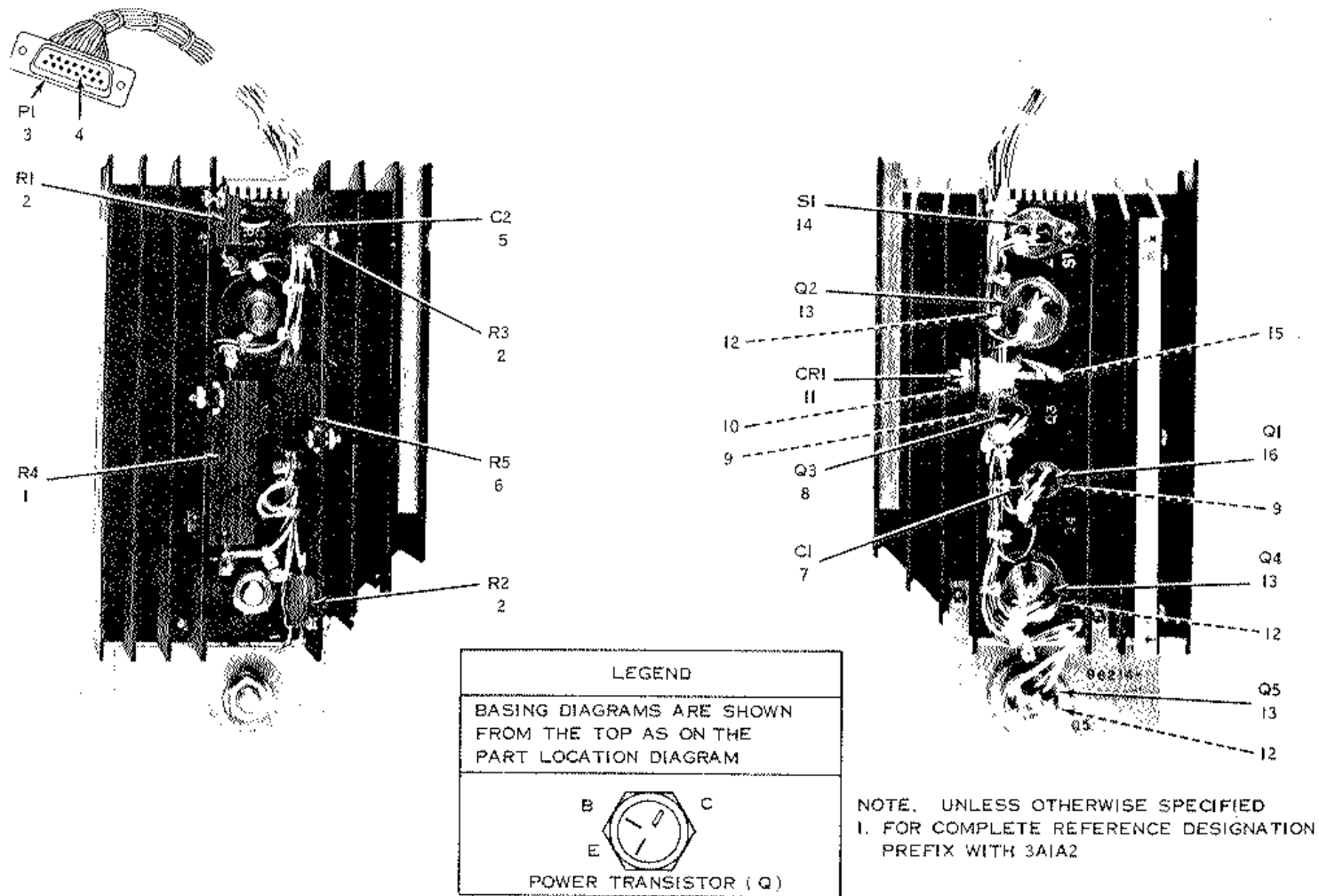


Figure 46. Recorder synchronization electronics heatsink assembly.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
						GROUP: 3A1A3 LIGHT EMITTING DIODE POWER SUPPLY ASSEMBLY		
47	1	PADDL	5850-477-9950	SM-D-2017985	80063	SUPPLY, LIGHT EMITTING DIODE	EA	1
47	2	PAHZZ	5950-433-2448	SM-D-2019288	80063	INDUCTOR, POWER	EA	1
47	3	XBDZZ		SM-D-2017987	80063	BRACKET, MOUNTING DIODE SUPPLY	EA	1
47	4	PADZZ	5945-226-5241	MS27401-1	96906	RELAY, POLARIZED	EA	1
47	5	PAHZZ	5910-248-6899	CL17BK2081PG	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
47	6	PADZZ	5961-923-3951	2N2151	81349	TRANSISTOR	EA	1
						GROUP: 3A1A3A1 LIGHT EMITTING DIODE POWER SUPPLY		
48	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
48	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
48	3	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
48	4	PADZZ	5961-950-9881	1N827	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
48	5	PADZZ	5961-064-2379	1N649	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
48	6	PADZZ	5961-826-6631	1N756A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
48	7	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
48	8	PADZZ	5945-406-3076	SM-D-2017461-2	80063	RELAY, ARMATURE	EA	2
48	9	PADZZ	5935-489-9999	M24308-4-3	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
48	10	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
48	11	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1
48	12	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
48	13	PADZZ	5961-926-2569	2N491A	81349	TRANSISTOR	EA	1
48	14	PADZZ	5961-985-8829	2N2324	81349	TRANSISTOR	EA	1
48	15	PADZZ	5905-112-7056	RN60D5620F	81349	RESISTOR, FIXED, FILM	EA	1
48	16	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
48	17	PADZZ	5905-261-7693	RN60D1621F	81349	RESISTOR, FIXED, FILM	EA	1
48	18	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
48	19	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	2
48	20	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	1
48	21	PADZZ	5905-471-2259	RN60C1000F	81349	RESISTOR, FIXED, FILM	EA	2
48	22	PADZZ	5905-159-6781	RT24C2X502	81349	RESISTOR, VARIABLE	EA	1
48	23	PADZZ	5905-759-8926	RN60C1960F	81349	RESISTOR, FIXED, FILM	EA	1
48	24	PADZZ	5905-103-7443	RT24C2X501	81349	RESISTOR, VARIABLE	EA	1
48	25	PADZZ	5905-153-4592	RN600C3160F	81349	RESISTOR, FIXED, FILM	EA	1
						GROUP: 3A1A4 HOUSING ASSEMBLY		
49	1	PAHZZ	5935-490-8389	M24308-4-5	81349	CONNECTOR, PLUG, ELECTRICAL	EA	2
49	2	PAHZZ	5940-983-6053	37TB12	81349	TERMINAL BOARD	EA	1
49	3	PAHDD	5995-480-5733	SM-D-2019652	80063	WIRING HARNESS PRINTED WIRING BOARD HOUSING ASSEMBLY	EA	1
49	4	PAHZZ	5999-411-7645	M24308-11-1	81349	CONTACT, ELECTRICAL	EA	100
49	5	PAHZZ	5935-424-9164	SM-D-2017452-70	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	2
49	6	PAHZZ	5999-462-6876	MS18134-20	96906	CONTACT, ELECTRICAL	EA	203
49	7	PAHZZ	5935-139-2743	SM-D-2017452-69	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1



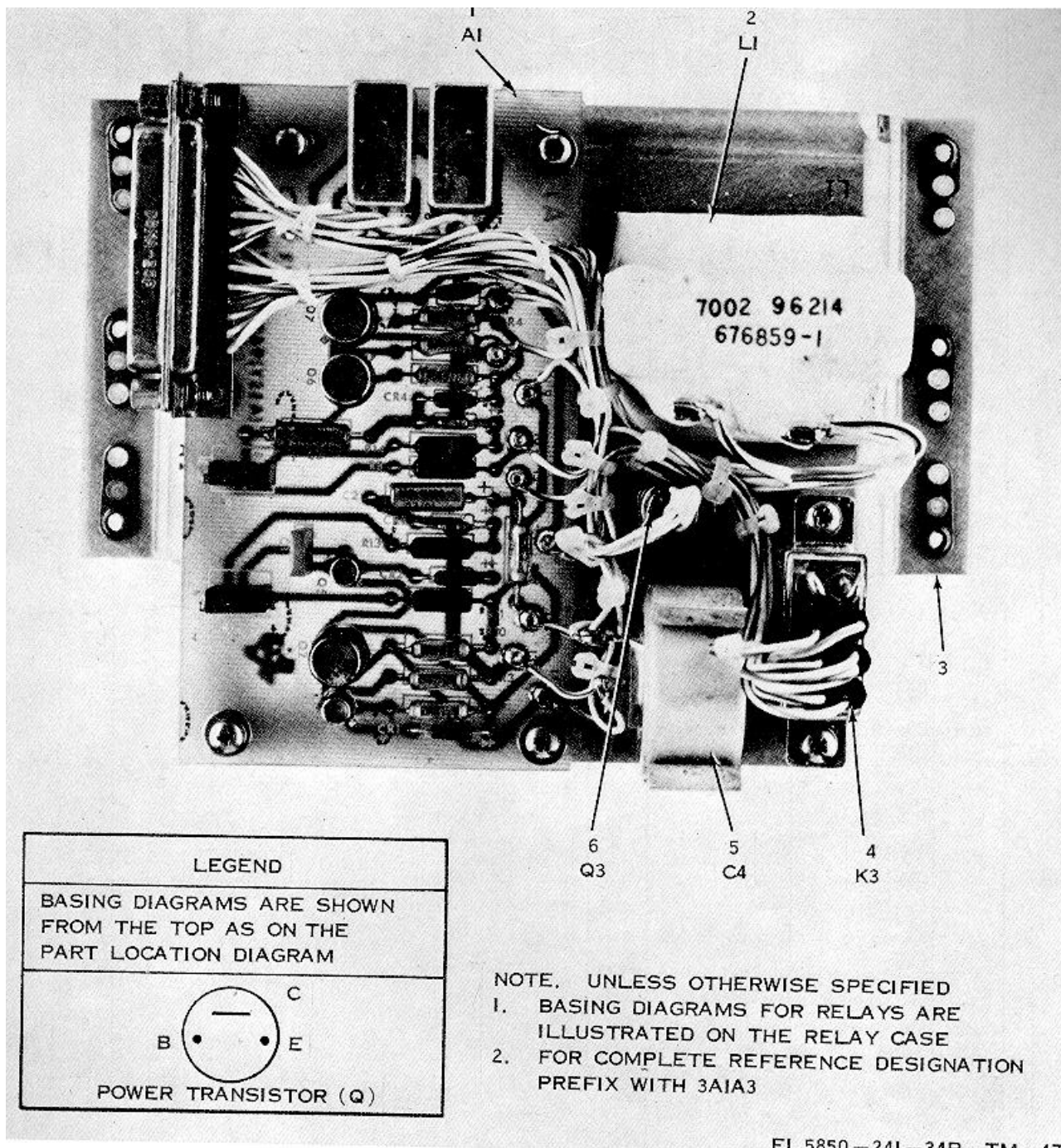
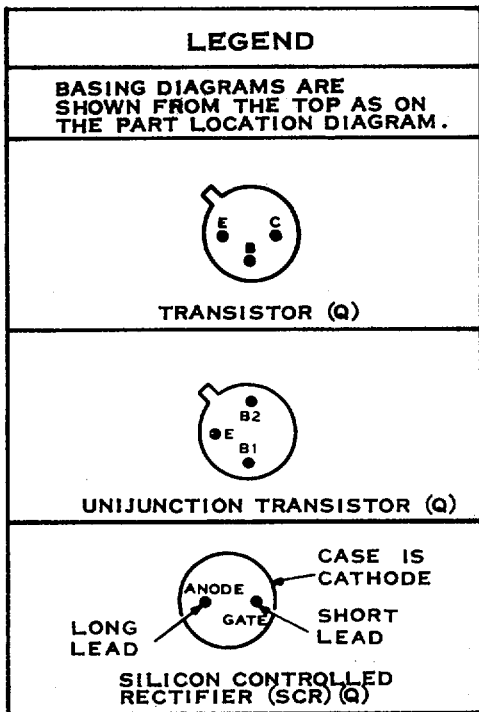
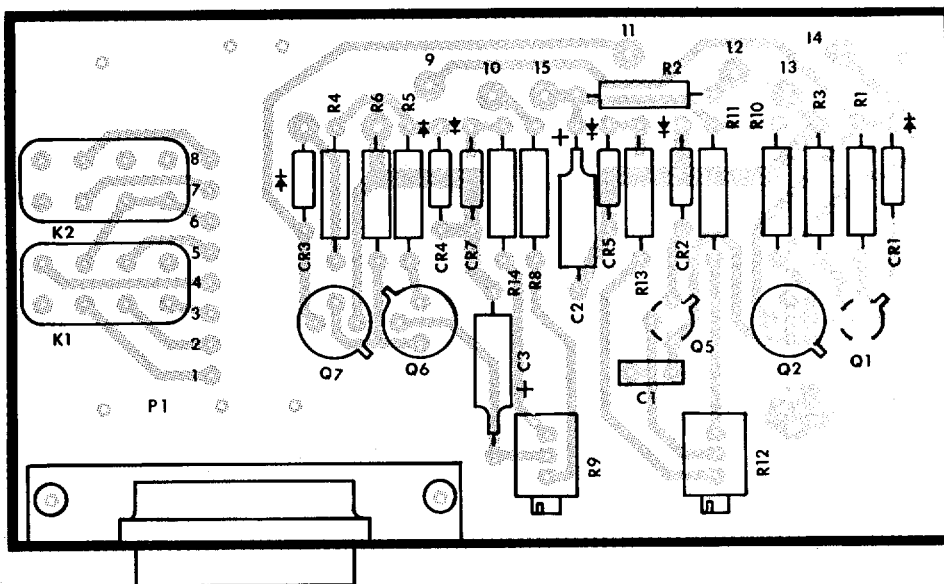


Figure 47. Light emitting diode power supply assembly.



LEGEND

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	K2	8	R4	18
C2	2	P1	9	R5	19
C3	2	Q1	10	R6	20
CR1	3	Q2	11	R8	21
CR2	4	Q5	12	R9	22
CR3	5	Q6	13	R10	18
CR4	6	Q7	14	R11	23
CR5	7	R1	15	R12	24
CR7	7	R2	16	R13	25
K1	8	R3	17	R14	21

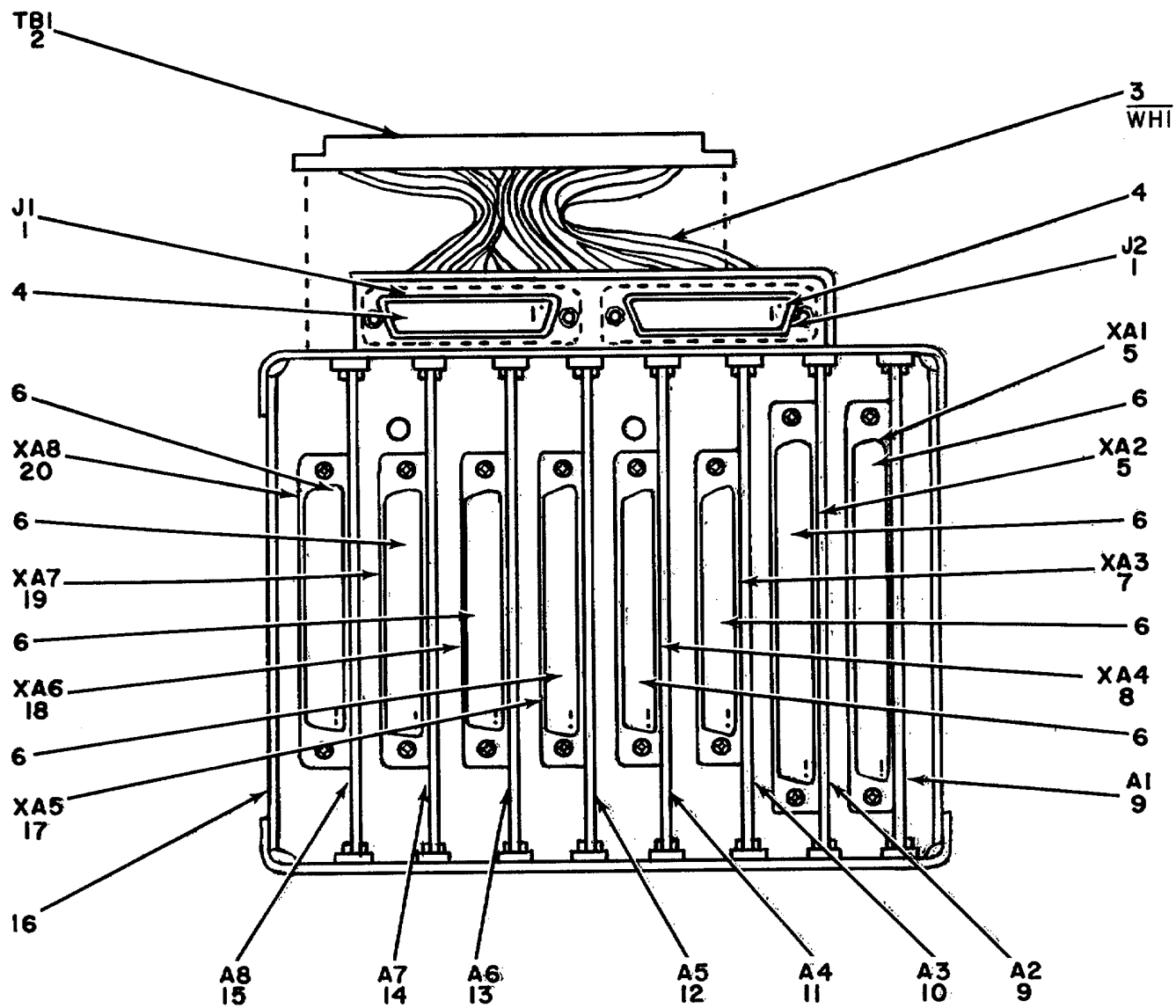
NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1A3A1

Figure 48. Light emitting diode.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
49	8	PAHZZ	5935-472-0275	SM-D-2017452-26	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
49	9	PAFDD	5850-252-5756	SM-D-2017863	80063	DRIVER, DIODE	EA	2
49	10	PAFDD	5850-252-5761	SM-D-2017860	80063	GENERATOR, PEDESTAL & COSINE	EA	1
49	11	PAFDD	5850-252-5758	6M-D-2017822	80063	LET DRIVER BIT NO. 1	EA	1
49	12	PAFDD	5850-252-5759	SM-D-2017866	80063	DRIVER, LIGHT EMITTING DIODE	EA	1
49	13	PAFDD	5850-409-8094	SM-D-2017857	80063	MONITOR, V/H, BIT, FILM FAIL	EA	1
49	14	PAFDD	5850-252-5760	SM-D-2017825	80063	AMPLIFIER ASSEMBLY, FILM DRIVER	EA	1
49	15	PAFDD	5850-252-5754	SM-D-2017828	80063	AMPLIFIER ASSEMBLY, VEL/H SERVO	EA	1
49	16	XBDZZ		SM-E-2017878	80063	HOUSING, PRINTED WIRING BOARD	EA	1
49	17	PAHZZ	5935-497-0930	SM-D-2017452-27	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
49	18	PAHZZ	5935-139-2744	SM-D-2017452-70	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
49	19	PAHZZ	5935-483-4103	SM-D-2017452-29	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
49	20	PAHZZ	5935-483-4102	SM-D-2017452-28	80063	CONNECTOR, PLUG, ELECTRICAL GROUP: 3A1A4A1, A2 DRIVER, LIGHT EMITTING DIODE (CHANNELS 1 THRU 8)	EA	1
50	1	PADZZ	5910-010-8157	CSR13E336KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	8
50	2	PADZZ	5910-838-8947	CM06FD152J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	4
50	3	PADZZ	5910-010-8666	CK05BX102K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
50	4	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	8
50	5	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
50	6	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
50	7	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
50	8	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
50	9	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
50	10	PADZZ	5945-406-3076	SM-D-2017461-2	80063	RELAY, ARPATURE	EA	4
50	11	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
50	12	PADZZ	5935-975-7026	M{23353-06-66	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
50	13	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	5
50	14	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	12
50	15	PADZZ	5961-949-7342	2N2672	81349	TRANSISTOR	EA	4
50	16	PADZZ	5961-104-9900	2N3467	81349	TRANSISTOR	EA	4
50	17	PADZ7	5905-243-2199	RN55D10R0F	81349	RESISTOR, FIXED, FILM	EA	8
50	18	PADZZ	5905-432-6388	RN55D6191F	81349	RESISTOR, FIXED, FILM	EA	12
50	19	PADZZ	5905-889-0230	RN55D1821F	81349	RESISTOR, FIXED, FILM	EA	8
50	20	PADZZ	5905-721-3739	RN55D8251F	81349	RESISTOR, FIXED, FIIAL	EA	4
50	21	PADZZ	5905-004-6121	RN55D3921F	81349	RESISTOR, FIXED, FILM	EA	20
50	22	PADZZ	5905-432-6373	RN55D1621F	81349	RESISTOR, FIXED, FILM	EA	4
50	23	PADZZ	5905-723-6852	RN55D3011F	81349	RESISTOR, FIXED, FILM	EA	4
50	24	PADZZ	5905-415-6002	RN55D1500F	81349	RESISTOR, FIXED, FILM	EA	4
50	25	PADZZ	5905-045-4182	RN55D3320F	81349	RFSISTOR, FIXED, FILM	EA	8
50	26	PADZZ	5905-432-0381	RN55D1001F	81349	RESISTOR, FIXED, FILM	EA	12
50	27	PADZZ	5905-104-0922	RT24C2P502	81349	RESISTOR, VARIABLE	EA	4
50	28	PADZZ	5905-227-4955	RN55D2740F	81349	RESISTOR, FIXED, FILM	EA	4

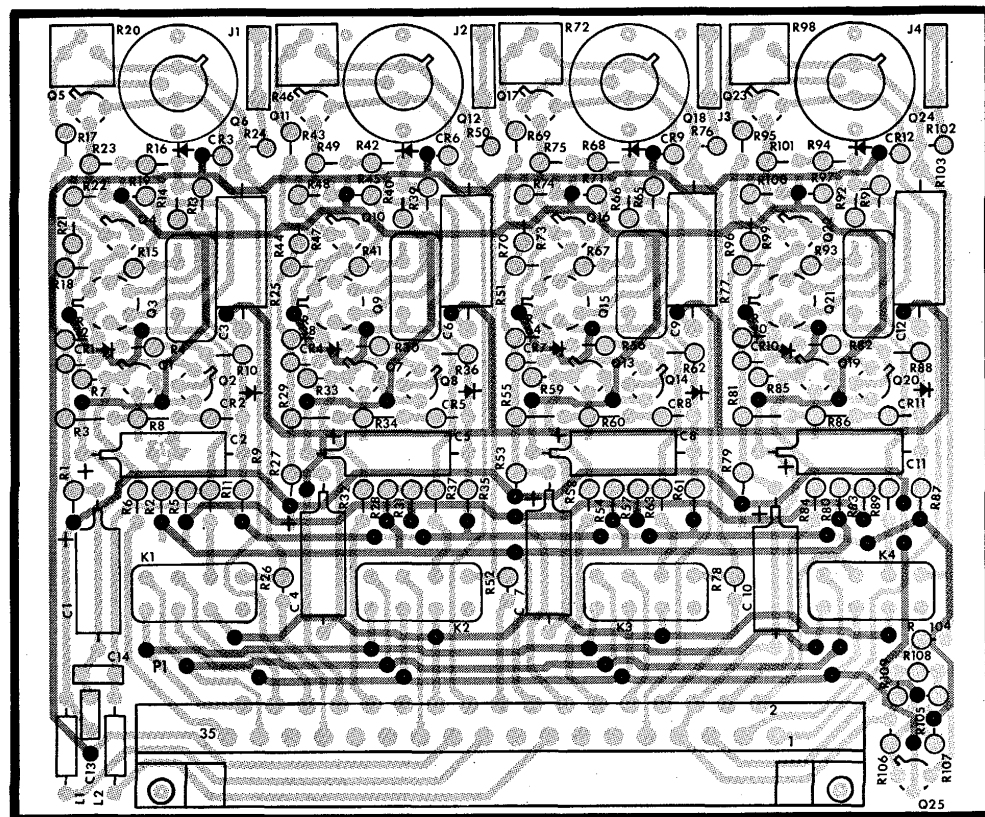


EL5850-241-34P-TM-49

Figure 49. Housing assembly.

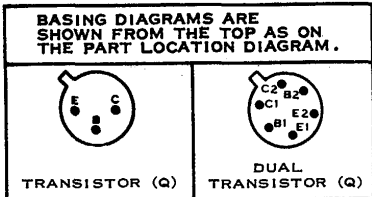
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
50	29	PADZZ	5905-432-0422	RN55D5111F	81349	RESISTOR, FIXED, FILM	EA	4
50	30	PADZZ	5905-880-0881	RL42S100G	81349	RESISTOR, FIXED, FILM	EA	4
50	31	PADZZ	5905-052-7828	RN55D3651F	81349	RESISTOR, FIXED, FILM	EA	4
50	32	PADZZ	5905-431-7828	RN55D1501F	81349	RESISTOR, FIXED, FILM	EA	4
50	33	PADZZ	5905-432-0380	RN55D1000F	81349	RESISTOR, FIXED, FILM GROUP: 3A1A4A3 GENERATOR, PEDESTAL AND COSINE	EA	1
51	1	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	4
51	2	PADZZ	5910-010-8157	CSR13E336KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
51	3	PADZZ	5910-010-8718	CK06BX1003K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
51	4	PADZZ	5910-238-2678	SM-D-2017484-8	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
51	5	PADZZ	5910-029-4852	CSR13C107KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
51	6	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	8
51	7	PADZZ	5961-879-3091	1N755A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
51	8	PADZZ	5935-131-9696	139024-11-04	81349	JACK, TIP	EA	1
51	9	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
51	10	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	4
51	11	PADZZ	5935-139-9775	SM-D-2017423-75	80063	CONNECTOR , RECEPTACLE, ELECTRICAL	EA	1
51	12	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	12
51	13	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	4
51	14	PADZZ		SM-D-2017405-2	80063	TRANSISTOR	EA	1
51	15	PADZZ	5961-949-7342	2N2642	81349	TRANSISTOR	EA	2
51	16	PADZZ	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM	EA	5
51	17	PADZZ	5905-721-2387	RN60D6190F	81349	RESISTOR, FIXED, FILM	EA	2
51	18	PADZZ	5905-988-2313	RN60D1211F	81349	RESISTOR, FIXED, FILM	EA	3
51	19	PADZZ	5905-232-7791	RN60D1500F	81349	RESISTOR, FIXED, FILM	EA	1
51	20	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	2
51	21	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	3
51	22	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	2
51	23	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	3
51	24	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	8
51	25	PADZZ	5905-432-6411	RN60D3320F	81349	RESISTOR, FIXED, FILM	EA	1
51	26	PADZZ	5905-196-1020	RT24C2P103	81349	RESISTOR, VARIABLE	EA	2
51	27	PADZZ	5905-194-1695	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	2
51	28	PADZZ	5905-104-0922	RT24C2P502	81349	RESISTOR, VARIABLE	EA	1
51	29	PADZZ	5905-452-0756	RN60D4221F	81349	RESISTOR, FIXED, FILM	EA	5
51	30	PADZZ	5905-189-2481	RN60D6981F	81349	RESISTOR, FIXED, FILM	EA	5
51	31	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	6
51	32	PADZZ	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	2
51	33	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
51	34	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILM	EA	4
51	35	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
51	36	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	2



**LEGEND**

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	Q21	15	R53	17
C2	1	Q22	14	R54	18
C3	2	Q23	14	R55	19
C4	1	Q24	16	R56	19
C5	1	Q25	13	R57	20
C6	2	R1	17	R58	21
C7	1	R2	18	R59	21
C8	1	R3	19	R60	22
C9	2	R4	19	R61	17
C10	1	R5	20	R62	23
C11	1	R6	21	R63	18
C12	2	R7	21	R64	21
C13	3	R8	22	R65	24
C14	3	R9	17	R66	24
CR1	4	R10	23	R67	25
CR2	4	R11	18	R68	18
CR3	5	R12	21	R69	21
CR4	4	R13	24	R70	21
CR5	4	R14	24	R71	26
CR6	5	R15	25	R72	27
CR7	4	R16	18	R73	28
CR8	4	R17	21	R74	26
CR9	5	R18	21	R75	29
CR10	4	R19	26	R76	26
CR11	4	R20	27	R77	30
CR12	5	R21	28	R78	31
J1	6	R22	26	R79	17
J2	7	R23	29	R80	18
J3	8	R24	26	R81	19
J4	9	R25	30	R82	19
K1	10	R26	31	R83	20
K2	10	R27	17	R84	21
K3	10	R28	18	R85	21
K4	10	R29	19	R86	22
L1	11	R30	19	R87	17
L2	11	R31	20	R88	23
P1	12	R32	21	R89	18
Q1	13	R33	21	R90	21
Q2	14	R34	22	R91	24
Q3	15	R35	17	R92	24
Q4	14	R36	23	R93	25
Q5	14	R37	18	R94	18
Q6	16	R38	21	R95	21
Q7	13	R39	24	R96	21
Q8	14	R40	24	R97	26
Q9	15	R41	25	R98	27
Q10	14	R42	18	R99	28
Q11	14	R43	21	R100	26
Q12	16	R44	21	R101	29
Q13	13	R45	26	R102	26
Q14	14	R46	27	R103	30
Q15	15	R47	28	R104	31
Q16	14	R48	26	R105	32
Q17	14	R49	29	R106	32
Q18	16	R50	26	R107	32
Q19	13	R51	30	R108	32
Q20	14	R52	31	R109	33



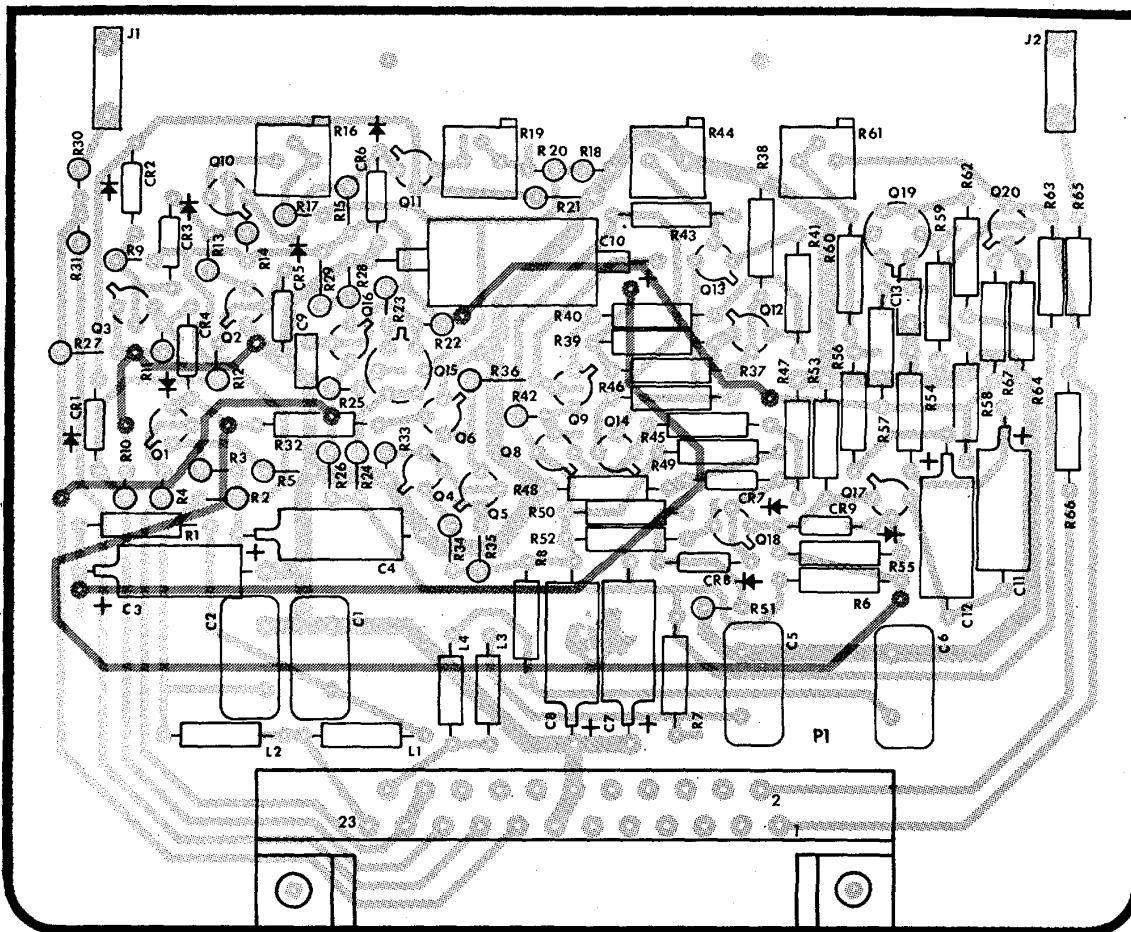
- NOTE: UNLESS OTHERWISE SPECIFIED**
1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
  2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1A4A1 OR 3A1A4A2

EL5850-241-34P-TM-50

Figure 50. Driver, light emitting diode (channels 1 thru 8).

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
51	37	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
51	38	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	2
51	39	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	1
51	40	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
51	41	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM GROUP: 3A1A4A4 BIT NO. 1, LIGHT EMITTING DIODE DRIVER	EA	1
52	1	PADZZ	5910-010-8666	CK05BX1002K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
52	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTICI	EA	2
52	3	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
52	4	PADZZ	5910-990-4887	CK05BX221K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
52	5	PADZZ	5910-847-7288	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	14
52	6	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
52	7	PADZZ	5961-081-6103	1N823	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
52	8	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
52	9	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
52	10	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
52	11	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
52	12	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
52	13	PADZ7	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
52	14	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
52	15	PADZZ	5935-132-2309	M39024-11-10	81349	JACK, TIP	EA	1
52	16	PADZZ	5932-132-2308	M39024-11-09	81349	JACK, TIP	EA	1
52	17	PADZZ	5935-131-9680	M39024-11-01	81349	JACK, TIP	EA	1
52	18	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
52	19	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
52	20	PADZZ	5935-139-2745	91-D-2017423-73	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
52	21	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	8
52	22	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	10
52	23	PADZZ	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM	EA	2
52	24	PADZZ	5905-759-8982	RN60D27R4F	81349	RESISTOR, FIXED, FILM	EA	1
52	25	PADZZ	5905-243-5622	RN60D3010F	81349	RESISTOR, FIXED, FILM	EA	1
52	26	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
52	27	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
52	28	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	1
52	29	PADZZ	5905-025-5988	RN60D3321F	81349	RESISTOR, FIXED, FILM	EA	1
52	30	PADZZ	5905-452-0764	RN60D5621F	81349	RESISTOR, FIXED, FILM	EA	1
52	31	PADZZ	5905-189-2481	RN60D6981F	81349	RESISTOR, FIXED, FILM	EA	1
52	32	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	2
52	33	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FILM	EA	7
52	34	PADZZ	5905-050-9538	RN60D4421F	81349	RESISTOR, FIXED, FILM	EA	1
52	35	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
52	36	PADZZ	5905-451-7534	RN60D7500F	81349	RESISTOR, FIXED, FILM	EA	2
52	37	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	14



BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

TRANSISTOR (Q)

DUAL TRANSISTOR (Q)

OR

FIELD EFFECT TRANSISTOR (FET) (Q)

- NOTE: UNLESS OTHERWISE SPECIFIED
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1A4A3

LEGEND

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	CR5	Q6	R4	R21	R38	R55
C2	CR6	Q8	R5	R22	R39	R56
C3	CR7	Q9	R6	R23	R40	R57
C4	CR8	Q10	R7	R24	R41	R58
CC5	CR9	Q11	R8	R25	R42	R59
CC6	J1	Q12	R9	R26	R43	R60
CC7	J2	Q13	R10	R27	R44	R61
CC8	L1	Q14	R11	R28	R45	R62
CC9	L2	Q15	R12	R29	R46	R63
C10	L3	Q16	R13	R30	R47	R64
C11	L4	Q17	R14	R31	R48	R65
C12	P1	Q18	R15	R32	R49	R66
C13	Q1	Q19	R16	R33	R50	R67
CR1	Q2	Q20	R17	R34	R51	
CR2	Q3	R1	R18	R35	R52	
CR3	Q4	R2	R19	R36	R53	
CR4	Q5	R3	R20	R37	R54	

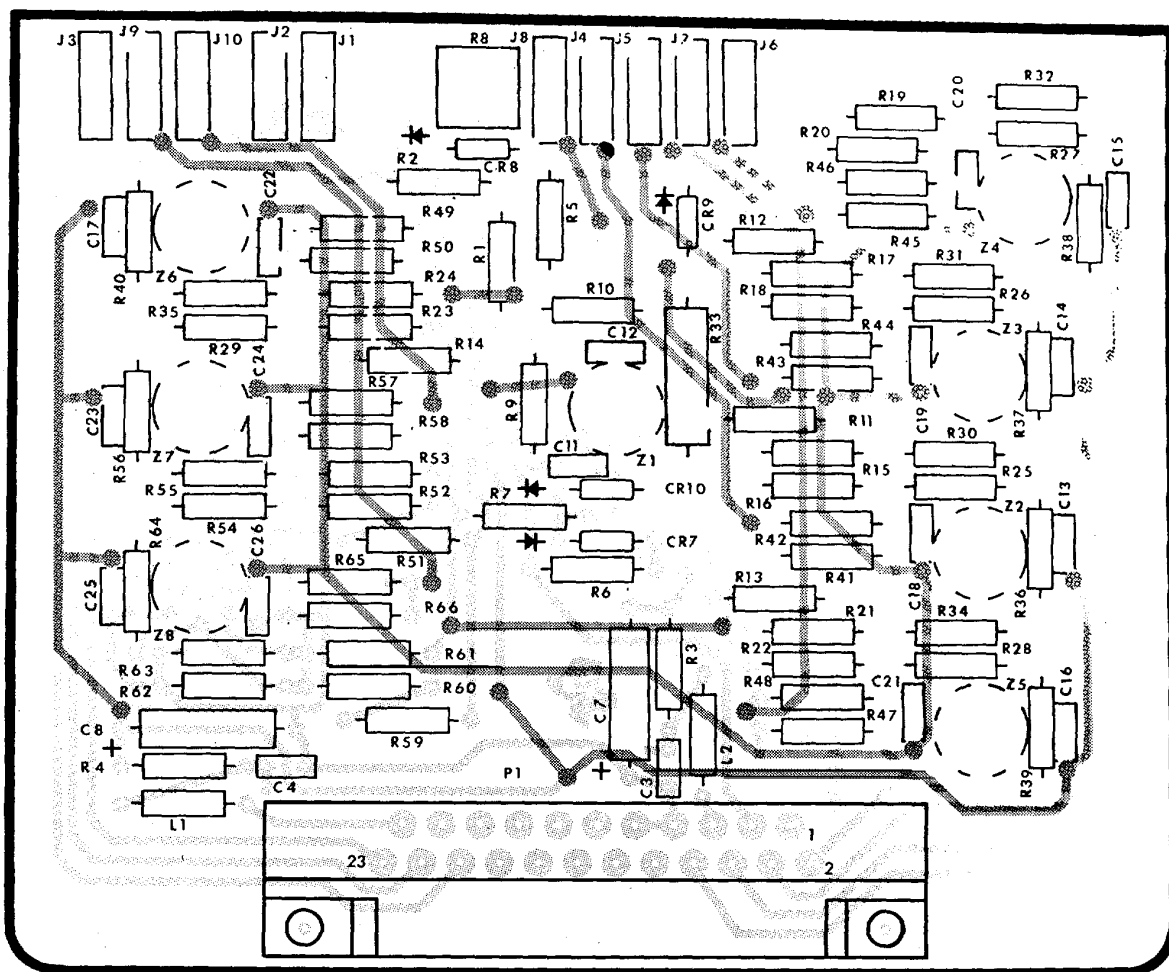
EL 5850-241-34P-TM-51

Figure 51. Generator, pedestal and cosine.



SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
52	38	PADZZ	5905-905-3923	RN70D61R9F	81349	RESISTOR, FIXED, FILM	EA	1
52	39	PADZZ	5905-192-3876	RN60D1503F	81349	RESISTOR, FIXED, FILM	EA	7
52	40	PADZZ	5905-772-9185	RN60D2052F	81349	RESISTOR, FIXED, FILM	EA	1
52	41	PADZZ	5905-142-0903	RN60D1102F	81349	RESISTOR, FIXED, FILM	EA	1
52	42	PADZZ	5905-112-7056	RN60D5620F	81349	RESISTOR, FIXED, FILM	EA	1
52	43	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT OPERATIONAL AMPLIFIER	EA	1
52	44	PADZZ	5962-248-7630	SM-D-2017493-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPONENTS GROUP: 3A1A4A5 BIT NO. 2, LIGHT EMITTING DIODE DRIVER	EA	7
53	1	PADZZ	5910-847-7288	CK06BX103K	81349	CAPACITOR, FIXED, CFRAMIC DIELECTRIC	EA	2
53	2	PADZZ	5910-010-8666	CK0SBX102K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
53	3	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
53	4	PADZZ	5910-144-4379	CSR13E125KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	8
53	5	PADZZ	5910-936-3861	CSR13C396KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	8
53	6	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	9
53	7	PADZZ	5961-892-3361	1N750A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
53	8	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
53	9	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
53	10	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	2
53	11	PADZZ	5950-926-3184	MS90537-43	96906	COIL, RADIO FREQUENCY	EA	1
53	12	PADZZ		SM-D-2017423-70	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
53	13	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	8
53	14	PADZZ	5961-465-4192	SM-D-2017464-1	80063	TRANSISTOR	EA	8
53	15	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	10
53	16	PADZZ	5905-051-2143	RN60D18R2F	81349	RESISTOR, FIXED, FILM	EA	2
53	17	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	8
53	18	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	8
53	19	PADZZ	5905-194-2324	RN60D2213F	81349	RESISTOR, FIXED, FILM	EA	8
53	20	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	11
53	21	PADZZ	5905-432-6410	RN60D0001F	81349	RESISTOR, FIXED, FILM	EA	1
53	22	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	1
53	23	PADZZ	5962-117-6091	SM-D-2017453-2	80063	INTEGRATED, INPUT GATE	EA	7
53	24	PADZZ	5962-117-6092	SM-D-2017456-2	80063	INTEGRATED, INPUT GATE GROUP: 3A1A4A6 BIT, V/H MONITOR AND FILM FAIL	EA	2
54	1	PADZZ	5910-010-8666	CK05BX102K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
54	2	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
54	3	PADZZ	5910-990-4887	CK05BX221K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
54	4	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
54	5	PADZZ	5910-839-3991	CSR13G105KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
54	6	PADZZ	5910-192-7180	CSR13C396KM	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
54	7	PADZZ	5910-007-2003	CSR13E156KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
54	8	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2



LEGEND

DESIG ITEM DESIG ITEM DESIG ITEM DESIG ITEM

C3	1	J5	13	R20	33	R48	22
C4	1	J6	14	R21	35	R49	21
C7	2	J7	15	R22	33	R50	22
C8	2	J8	16	R23	36	R51	40
C11	3	J9	17	R24	33	R52	36
C12	4	J10	18	R25	37	R53	33
C13	5	L1	19	R26	37	R54	37
C14	5	L2	19	R27	37	R55	37
C15	5	P1	20	R28	37	R56	39
C16	5	R1	21	R29	37	R57	21
C17	5	R2	22	R30	37	R58	22
C18	5	R3	23	R31	37	R59	41
C19	5	R4	24	R32	37	R60	42
C20	5	R5	25	R33	38	R61	33
C21	5	R6	22	R34	37	R62	37
C22	5	R7	22	R35	37	R63	37
C23	5	R8	26	R36	39	R64	39
C24	5	R9	27	R37	39	R65	21
C25	5	R10	23	R38	39	R66	22
C26	5	R11	28	R39	39	Z1	43
CR7	6	R12	29	R40	39	Z2	44
CR8	7	R13	30	R41	21	Z3	44
CR9	8	R14	31	R42	22	Z4	44
CR10	6	R15	32	R43	21	Z5	44
J1	9	R16	33	R44	22	Z6	44
J2	10	R17	32	R45	21	Z7	44
J3	11	R18	33	R46	22	Z8	44
J4	12	R19	34	R47	21		

LEGEND

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.



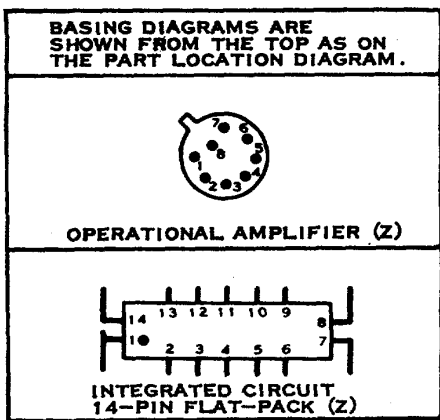
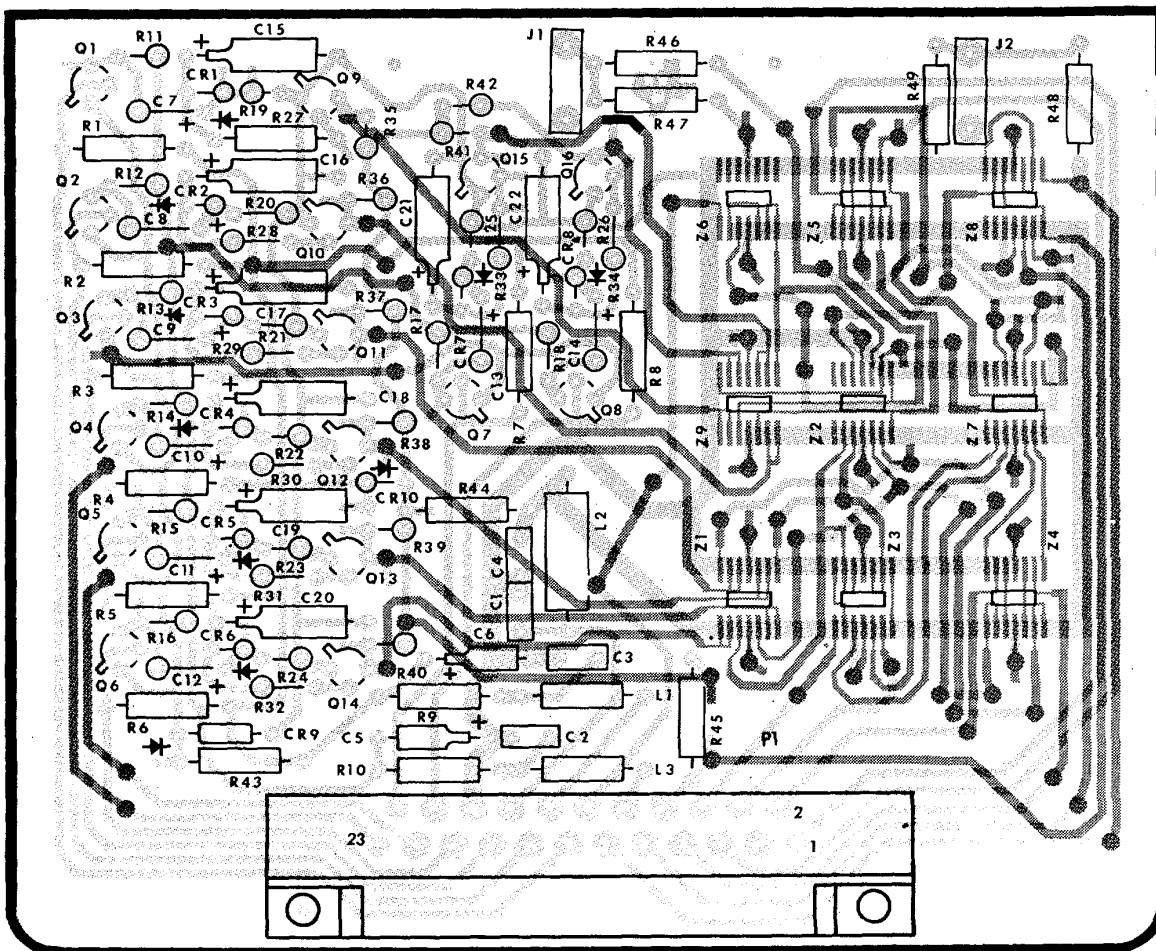
OPERATIONAL AMPLIFIER (Z)

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1A4A4

EL5850-241-34P-TM-52

Figure 52. BIT no. 1, light emitting diode driver.



**LEGEND**

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1 1	CR2 6	Q9 14	R15 17	R37 20
C2 2	CR3 6	Q10 14	R16 17	R38 20
C3 2	CR4 6	Q11 14	R17 17	R39 20
C4 1	CR5 6	Q12 14	R18 17	R40 20
C5 3	CR6 6	Q13 14	R19 18	R41 20
C6 3	CR7 6	Q14 14	R20 18	R42 20
C7 4	CR8 6	Q15 14	R21 18	R43 21
C8 4	CR9 6	Q16 14	R22 18	R44 22
C9 4	CR10 7	R1 15	R23 18	R45 20
C10 4	J1 8	R2 15	R24 18	R46 15
C11 4	J2 9	R3 15	R25 18	R47 20
C12 4	L1 10	R4 15	R26 18	R48 15
C13 4	L2 11	R5 15	R27 19	R49 20
C14 4	L3 10	R6 15	R28 19	Z1 23
C15 5	P1 12	R7 15	R29 19	Z2 24
C16 5	Q1 13	R8 15	R30 19	Z3 23
C17 5	Q2 13	R9 16	R31 19	Z4 23
C18 5	Q3 13	R10 16	R32 19	Z5 23
C19 5	Q4 13	R11 17	R33 19	Z6 23
C20 5	Q5 13	R12 17	R34 19	Z7 24
C21 5	Q6 13	R13 17	R35 20	Z8 23
C22 5	Q7 13	R14 17	R36 20	Z9 23
CR1 6	Q8 13			

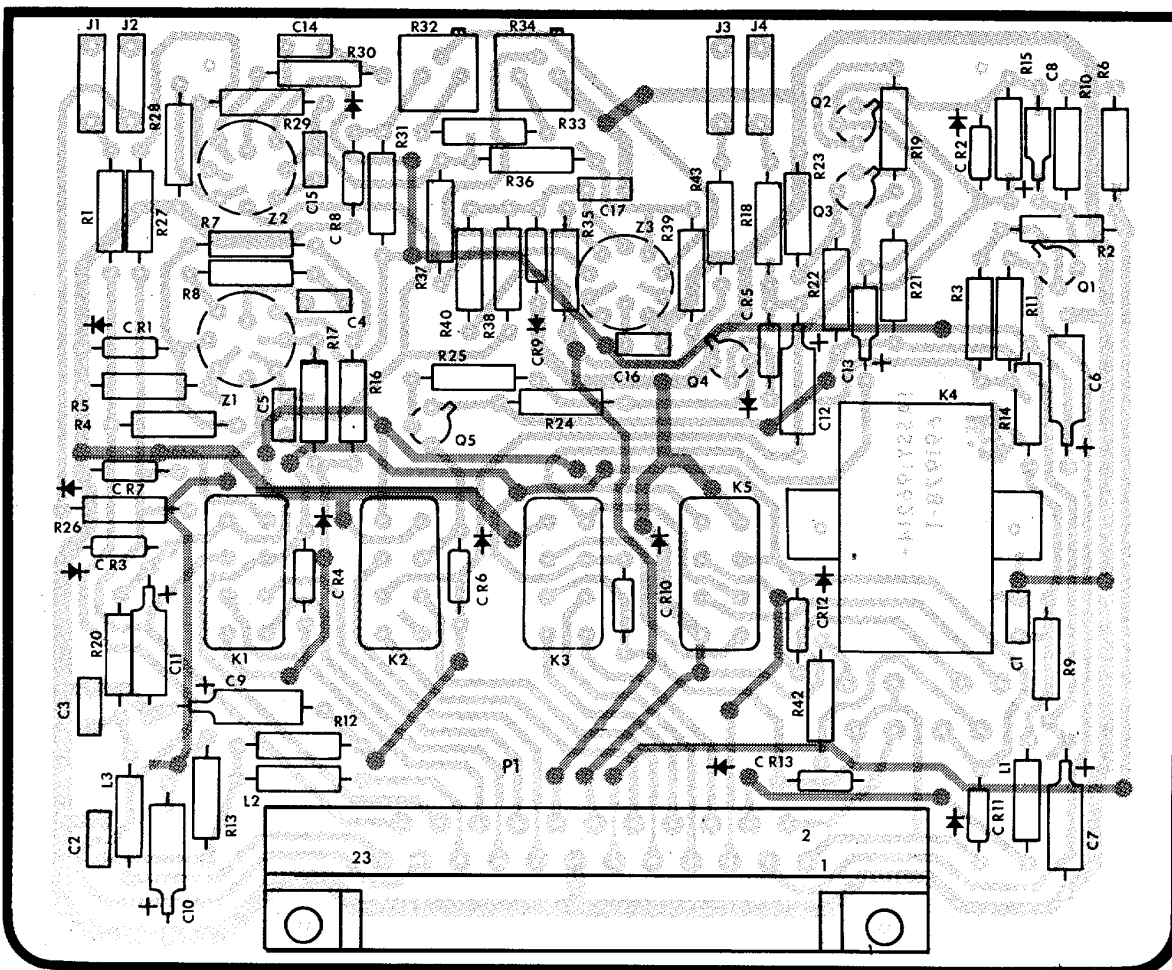
NOTE: UNLESS OTHERWISE SPECIFIED  
 1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.  
 2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1A4A5

EL5850-241-34P-TM-53

Figure 53. BIT no. 2, light emitting diode driver.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
54	9	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
54	10	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	7
54	11	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
54	12	PAD7Z	5961-808-1636	1N757A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
54	13	PADZZ	5961-950-9881	1N827	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
54	14	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
54	15	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
54	16	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
54	17	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
54	18	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
54	19	PADZZ	5945-406-3076	SM-D-2017461-2	80063	RELAY, ARMATURE	EA	4
54	20	PADZZ	5945-489-6802	SM-D-2017445	80063	RELAY, ELECTROMAGNETIC	EA	1
54	21	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	3
54	22	PADZZ	5935-150-0594	SM-D-2017423-72	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
54	23	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
54	24	PADZZ	5961-Q25-3777	2N2907A	81349	TRANSISTOR	EA	2
54	25	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	5
54	26	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	2
54	27	PADZZ	5905-051-8007	RN60D2742F	81349	RESISTOR, FIXED, FILM	EA	1
54	28	PADZZ	5905-988-2308	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	1
54	29	PADZZ	5905-452-0764	RN6D5612F	81349	RESISTOR, FIXED, FILM	EA	2
54	30	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	3
54	31	PADZZ	5905-189-2481	RN60D6981F	81349	RESISTOR, FIXED, FILM	EA	2
54	32	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
54	33	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	4
54	34	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	1
54	35	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	1
54	36	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	1
54	37	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
54	38	PADZZ	5905-732-3878	RN60D20R0F	81349	RESISTOR, FIXED, FILM	EA	1
54	39	PADZZ	5905-192-3876	RN60D15003F	81349	RESISTOR, FIXED, FILM	EA	1
54	40	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	2
54	41	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM	EA	1
54	42	PADZZ	5905-194-1695	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	3
54	43	PADZZ	5905-451-7534	RN60D7500F	81349	RFSISTOR, FIXED, FILM	EA	1
54	44	PADZZ	5905-998-9178	RT24C2P202	81349	RESISTOR, VARIABLE	EA	1
54	45	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
54	46	PADZZ	5905-251-7581	RT24C2P201	81349	RESISTOR, VARIABLE	EA	1
54	47	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
54	48	PADZZ	5905-243-5622	RN50D3010F	81349	RESISTOR, FIXED, FILM	EA	1
54	49	PADZZ	5905-432-0467	RN60D3323F	81349	RESISTOR, FIXED, FILM	EA	1
54	50	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	2
54	51	PADZZ	5962-245-5232	SM-D-2017396-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPONENTS	EA	1



**LEGEND**

DESIG ITEM DESIG ITEM DESIG ITEM DESIG ITEM

C1	1	CR8	13	Q5	24	R23	41
C2	1	CR9	14	R1	25	R24	42
C3	1	CR10	10	<del>R2</del>	26	R25	42
C4	2	CR11	10	R3	27	R26	25
C5	3	CR12	10	R4	28	R27	26
C6	4	CR13	10	R5	29	R28	31
C7	4	J1	15	R6	30	R29	25
C8	5	J2	16	R7	31	R30	32
C9	4	J3	17	R8	32	R31	43
C10	4	J4	18	R9	33	R32	44
C11	6	K1	19	R10	30	R33	45
C12	7	K2	19	R11	34	R34	46
C13	5	K3	19	R12	33	R35	42
C14	2	K4	20	R13	33	R36	47
C15	3	K5	19	R14	33	R37	47
C16	8	L1	21	R15	30	R38	48
C17	8	L2	21	R16	35	R39	40
CR1	9	L3	21	R17	36	R40	29
CR2	10	P1	22	R18	25	R42	49
CR3	11	Q1	23	R19	37	R43	25
CR4	10	Q2 Q	23	R20	38	Z1	50
CR5	9	Q3	24	R21	39	Z2	50
CR6	10	Q4	23	R22	40	Z3	51
CR7	12						

**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.



OPERATIONAL AMPLIFIER (Z)

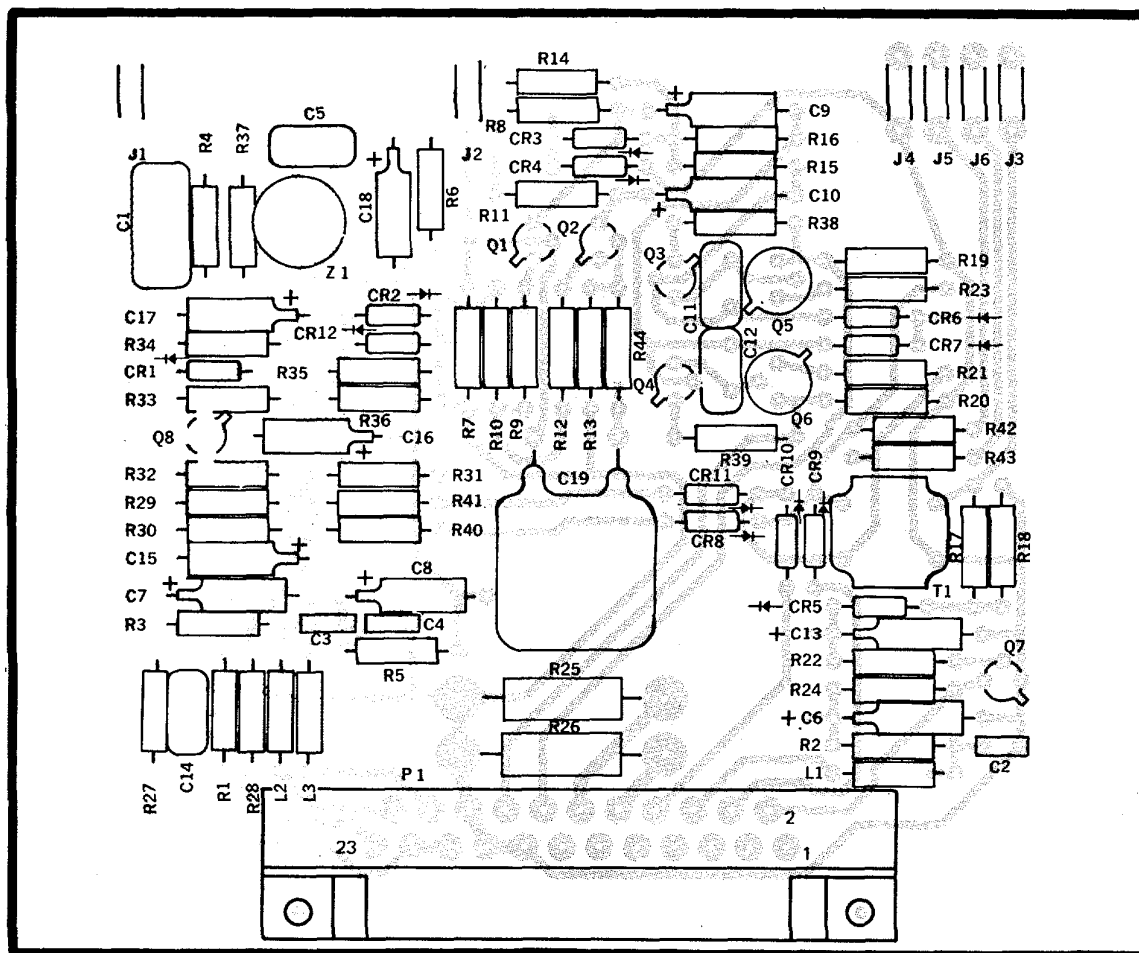
NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1A4A6

Figure 54. BIT, V/H monitor and film fail.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
						GROUP: 3A1A4A7 AMPLIFIER, FILM DRIVE SERVO		
55	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
55	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	5
55	3	PADZZ	5910-088-1146	CM05FD331J03	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
55	4	PADZZ	5910-936-3864	CSR130475KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	5
55	5	PADZZ	5910-777-6919	CM07FD103J03	81349	CAPACITOR, FIXED, MICA	EA	1
55	6	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
55	7	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
55	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	8
55	9	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
55	10	PADZZ	5935-131-9696	M39024-11 04	81349	JACK, TIP	EA	1
55	11	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
55	12	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
55	13	PADZZ	5935-131-96Q3	M39024-11-03	81349	JACK, TIP	EA	1
55	14	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
55	15	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
55	16	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	3
55	17	PADZZ	5935-139-2747	5M-D-2017423-74	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
55	18	PADZZ	5761-951-8757	2N2222A	81349	TRANSISTOR	EA	1
55	19	PADZZ	5961-949-1440	2N2905A	81349	TRANSISTOR	EA	2
55	20	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	1
55	21	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	12
55	22	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	3
55	23	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
55	24	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3
55	25	PADZZ	5905-025-5988	RN60D3321F	81349	RESISTOR, FIXED, FILM	EA	3
55	26	PADZZ	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM	EA	2
55	27	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	6
55	28	PADZZ	5905-189-2474	RN60D4750F	81349	RESISTOR, FIXED, FILM	EA	4
55	29	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	1
55	30	PADZZ	5905-903-8455	RN79U1R50F	81349	RESISTOR, FIXED, WIREWOUND	EA	2
55	31	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
55	32	PADZZ	5905-455-0794	RN60D3013F	81349	RESISTOR, FIXED, FILM	EA	2
55	33	PADZZ	5905-452-0773	RN60D825F	81349	RESISTOR, FIXED, FILM	EA	1
55	34	PADZZ	5905-984-7679	RN60D1213F	81349	RESISTOR, FIXED, FILM	EA	1
55	35	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	2
55	36	PADZZ	5950-565-0999	SM-D-2018178	80063	TRANSFORMER	EA	1
55	37	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1
						GROUP: 3A1A4A8 AMPLIFIER, V/H SERVO		
56	1	PADZZ	5910-858-5877	CQ09AM1F83G3	81349	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
56	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	8
56	3	PADZZ	5910-010-8666	CK5BX1002K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3



LEGEND	
BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.	
	TRANSISTOR (Q)
	OPERATIONAL AMPLIFIER (Z)

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C2	1	CR7	8	Q8	18	R24	29
C3	1	CR7	8	R1	21	R25	30
C4	1	CR8	9	R2	22	R26	31
C6	2	CR9	9	R3	22	R27	27
C7	2	CR10	9	R4	23	R28	31
C8	2	CR11	9	R5	22	R29	32
C9	2	CR12	8	R6	24	R30	27
C10	2	J1	10	R7	21	R31	32
C11	3	J2	11	R8	25	R32	33
C12	3	J3	12	R9	26	R33	34
C13	4	J4	13	R10	25	R34	24
C14	3	J5	14	R11	25	R35	21
C15	4	J6	15	R12	26	R36	21
C16	4	L1	16	R13	21	R37	21
C17	4	L2	16	R14	21	R38	35
C18	4	L3	16	R15	27	R39	35
C19	5	P1	17	R16	27	R40	21
C20	6	Q1	18	R17	24	R41	21
C21	7	Q2	18	R18	27	R42	21
CR1	8	Q3	18	R19	28	R43	21
CR2	8	Q4	18	R20	28	R44	21
CR3	8	Q5	19	R21	28	T1	36
CR4	8	Q6	19	R22	27	Z1	37
CR5	8	Q7	20	R23	28		

- NOTE: UNLESS OTHERWISE SPECIFIED
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1A4A7

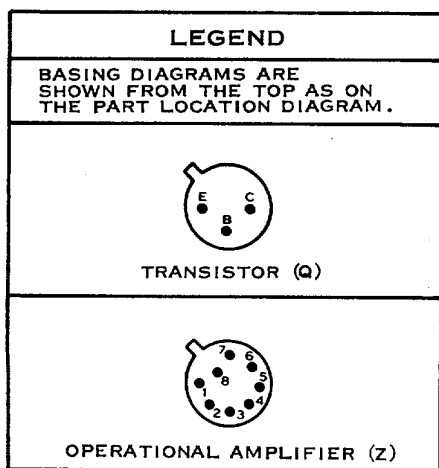
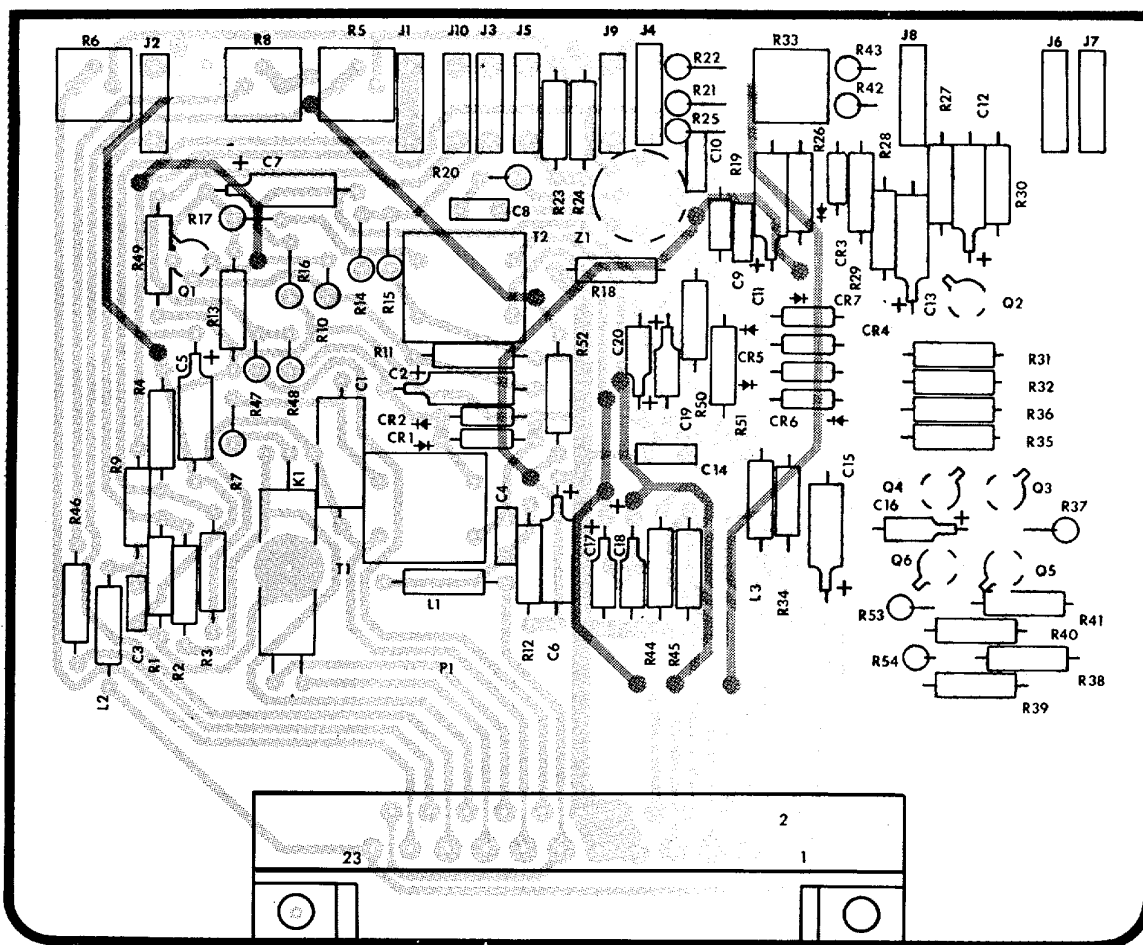
EL5850-241-34P-TM-55

Figure 55. Amplifier, film drive servo.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
56	4	PADZZ	5910-143-0501	CK06BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
56	5	PADZZ	5910-112-5337	CK05BX100K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
56	5	PADZZ	5910-990-4887	CK05BX221K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
56	7	PADZZ	5910-236-5777	CSR13J104KL	81349	CAPACITQR, FIXED, ELECTROLYTIC	EA	3
56	8	PADZZ	5910-839-3991	CSR13G105KL	81349	CAPACITQR, FIXED, ELECTROLYTIC	EA	2
56	9	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
56	10	PADZZ	5961-855-7695	1N945B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
56	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
56	12	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
56	13	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
56	14	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
56	15	PADZZ	5935-131-9697	M139024-11-05	81349	JACK, TIP	EA	1
56	16	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
56	17	PAD7Z	5935-132-2309	M39024-11-10	81349	JACK, TIP	EA	1
56	18	PADZZ	5935-132-2308	139024-11-09	81349	JACK, TIP	EA	1
56	19	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
56	20	PADZZ	5935-131-9680	M39024-11-01	81349	JACK, TIP	EA	1
56	21	PADZZ		SM-D-2017377-3	80063	CHOPPER, ELECTRONIC	EA	1
56	22	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	3
56	23	PADZZ	5935-139-2746	SM-D-2017423-71	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
56	24	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	6
56	25	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	12
56	26	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	8
56	27	PADZZ	5905-177-7369	RT24C2P010	81349	RESISTOR, VARIABLE	EA	2
56	28	PADZZ	5905-189-2479	RN60D5622F	81349	RESISTOR, FIXED, FILM	EA	1
56	29	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
56	30	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	3
56	31	PADZZ	5905-195-6384	RN60D3012F	81349	RESISTOR, FIXED, FILM	EA	1
56	32	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	2
56	33	PADZZ	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM	EA	2
56	34	PADZZ	5905-142-0931	RN60D511F	81349	RESISTOR, FIXED, FILM	EA	2
56	35	PADZZ	5905-067-5576	RN60D6813F	81349	RESISTOR, FIXED, FILM	EA	1
56	36	PADZZ	5905-121-9919	RCR07G106JS	81349	RESISTOR, FIXED, FILM	EA	1
56	37	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	4
56	38	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	1
56	39	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	5
56	40	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILM	EA	1
56	41	PADZZ	5905-104-0922	RT24C2P502	81349	RESISTOR, VARIABLE	EA	1
56	42	PADZZ	5905-876-6807	RW70U5R11F	81349	RESISTOR, FIXED, WIREWOUND	EA	2
56	43	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	3
56	44	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
56	45	PADZZ	5950-565-0999	SM-D-2018178	80063	TRANSFORMER	EA	2
56	46	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1





**DESIG ITEM DESIG ITEM DESIG ITEM DESIG ITEM**

C1	1	J1	11	R6	27	R32	40
C2	2	J2	12	R7	28	R33	41
C3	3	J3	13	R8	29	R34	30
C4	3	J4	14	R9	30	R35	25
C5	2	J5	15	R10	31	R36	25
C6	2	J6	16	R11	32	R37	37
C7	2	J7	17	R12	33	R38	26
C8	4	J8	18	R13	34	R39	25
C9	5	J9	19	R14	26	R40	25
C10	6	J10	20	R15	25	R41	26
C11	2	K1	21	R16	25	R42	26
C12	2	L1	22	R17	35	R43	25
C13	2	L2	22	R18	25	R44	42
C14	3	L3	22	R19	36	R45	42
C15	2	P1	23	R20	37	R46	33
C16	7	Q1	24	R21	26	R47	43
C17	7	Q2	24	R22	25	R48	34
C18	7	Q3	24	R23	25	R49	44
C19	8	Q4	24	R24	26	R50	43
C20	8	Q5	24	R25	32	R51	43
CR1	9	Q6	24	R26	38	R52	39
CR2	9	R1	25	R27	37	R53	39
CR3	10	R2	26	R28	37	R54	39
CR4	9	R3	26	R29	30	T1	45
CR5	9	R4	25	R30	39	T2	45
CR6	9	R5	27	R31	39	Z1	46
CR7	9						

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.

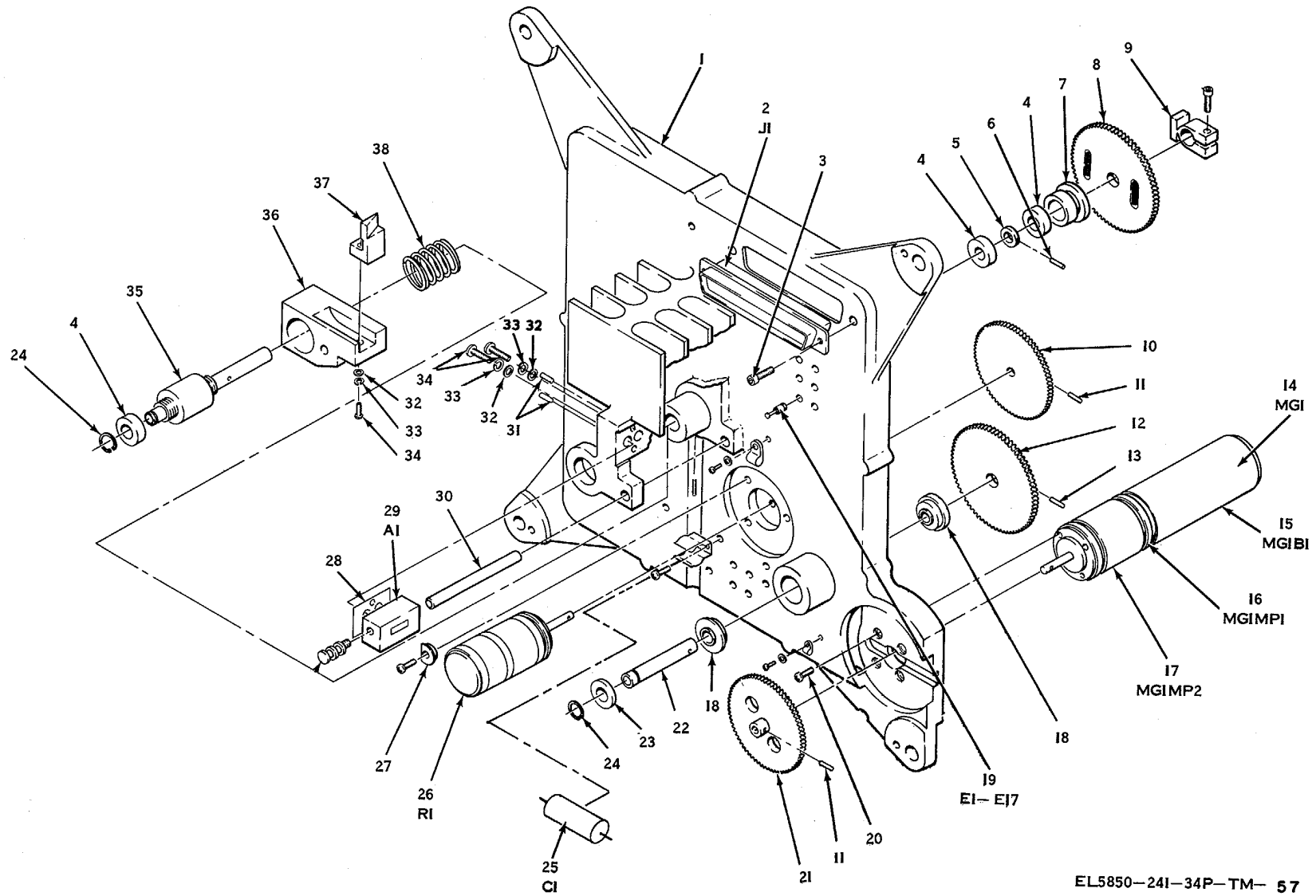
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A1A4A8

EL5850-241-34P-TM-56

Figure 56. Amplifier, V/H servo.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
						GROUP: 3A1A5 LIGHT EMITING DIODE AND V/H MASK ASSEMBLY		
57	1	XBDZZ		SM-E-2018022	80063	HOUSING, DIODE ARRAY, V/H MECHANICAL	EA	1
57	2	PADZZ	5935-410-9252	M24308-4-4	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
57	3	XBDZZ	5935-103-7424	SM-C-2019336-3	80063	SCREW, MACHINE	EA	2
57	4	PADZZ	3110-278-7332	SM-C-2019468-1	80063	BEARING, BALL, ANNULAR	EA	3
57	5	XBDZZ		SM-B-2018039	80063	SPACER, BEARING	EA	2
57	6	XBDZZ	5315-460-5793	MS171434	86906	PIN, SPRING	EA	1
57	7	XBDZZ		SM-B-2018036	80063	SCRFW, BEARING ADJUSTMENT	EA	1
57	8	PADZZ		SM-C-2039459-1	80063	GEAR, ANTI-BACKLASH, CLAMP HUB	EA	1
57	9	XBDZZ	6605-588-6602	SM-C-2019367-2	80063	CLAMP, GEAR	EA	1
57	10	PADZZ	3020-383-3771	SM-C-2019389-4	80063	GEAR, SPUR	EA	1
57	11	XBDZZ	5315-571-0131	SM-C-2019368-1	80063	PIN, SPRING	EA	1
57	12	PADLL	3020-809-7641	SM-C-2019462-1	80063	GEAR, SPUR	EA	1
57	13	XBDZZ		SM-C-2019368-4	80063	PIN, SPRING	EA	1
57	14	PAHHD	6105-433-2408	SM-D-2017427-1	80063	MOTOR AC ASSEMBLY	EA	1
57	15	PADZZ	6105-426-1132	U213544	82686	MOTOR	EA	1
57	16	PADZZ		114-576	82686	CLUTCH, SLIP	EA	1
57	17	PADZZ	3010-405-0418	U213578	82686	GEAR HEAD	EA	1
57	18	PADZZ	3110-625-9243	SM-C-2019467-2	80063	BEARING, BALL, ANNULAR	EA	2
57	19	PADZZ	5440-727-4588	SE099E01	81349	TERMIINAL, STUD	EA	17
57	20	XBDZZ	5305-054-5649	MS51957-15	96906	SCREW, MACHINE	EA	3
57	21	PADZZ	3020-415-6326	SM-B-2018033	80063	GEAR, SPUR, MODIFIED	EA	1
57	22	XBDZZ		SM-C-2018037	80063	SHAFT, STRAIGHT NO. 1	EA	1
57	23	XBDZZ		SM-C-2019557-3	80063	SPACER, SLEEVE	EA	1
57	24	XBDZZ	5340-298-6564	MS16624-4025	96906	RING, RETAINING	EA	2
57	25	PADZZ	5910-850-0552	CH09A1NC225K	81349	CAPACITOR, FIXED, PAPER DIELECTRIC	EA	1
57	26	PADZZ	5905-764-6780	SM-C-2017391-1	80063	RESISTOR, VARIABLE LINEAR	EA	1
57	27	XBDZZ	5340-020-9221	SM-D-2013348-3	80063	CLAMP, RIM, CLINCHING	EA	3
57	28	XBDZZ		SM-C-2018027	80063	INSULATOR, DIODE ARRAY	EA	1
57	29	PADZZ	5851-252-5740	SM-D-2018024	80063	DIODE ARRAY ASSEMBLY	EA	1
57	30	XBDZZ		SM-B-2018038	80063	SHAFT, STRAIGHT NO. 2	EA	1
57	31	XBDZZ		SM-B-2018035	80063	PIN, STRAIGHT, HEADLESS	EA	2
57	32	XBDZZ	5310-595-6211	MS15795-803	96906	WASHER, LOCK	EA	4
57	33	XBFZZ	5310-933-8118	MS35338-135	96906	WASHER, LOCK	EA	2
57	34	XADZZ	5305-054-5651	MS51957-17	96906	SCREW, MACHINE	EA	2
57	35	XBDZZ		SM-C-2018029	80063	BEARING ASSEMBLY, BALL LINEAR MIN	EA	1
57	36	XBDZZ		SM-C-2018034	80063	BRACKET ASSEMBLY, BEARING, BALL	EA	1
57	37	XBDZZ		SM-C-2018031	80063	SHADE, V/H	EA	1
57	38	PADZZ	5360-405-4593	SM-C-2018032	80063	SPRING, COMPRESSION	EA	1
						GROUP: 3A1A6 RECORDER LIGHT SOURCE AND SENSOR ASSEMBLY		
58	1	PAFZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELFCRICAL	EA	1

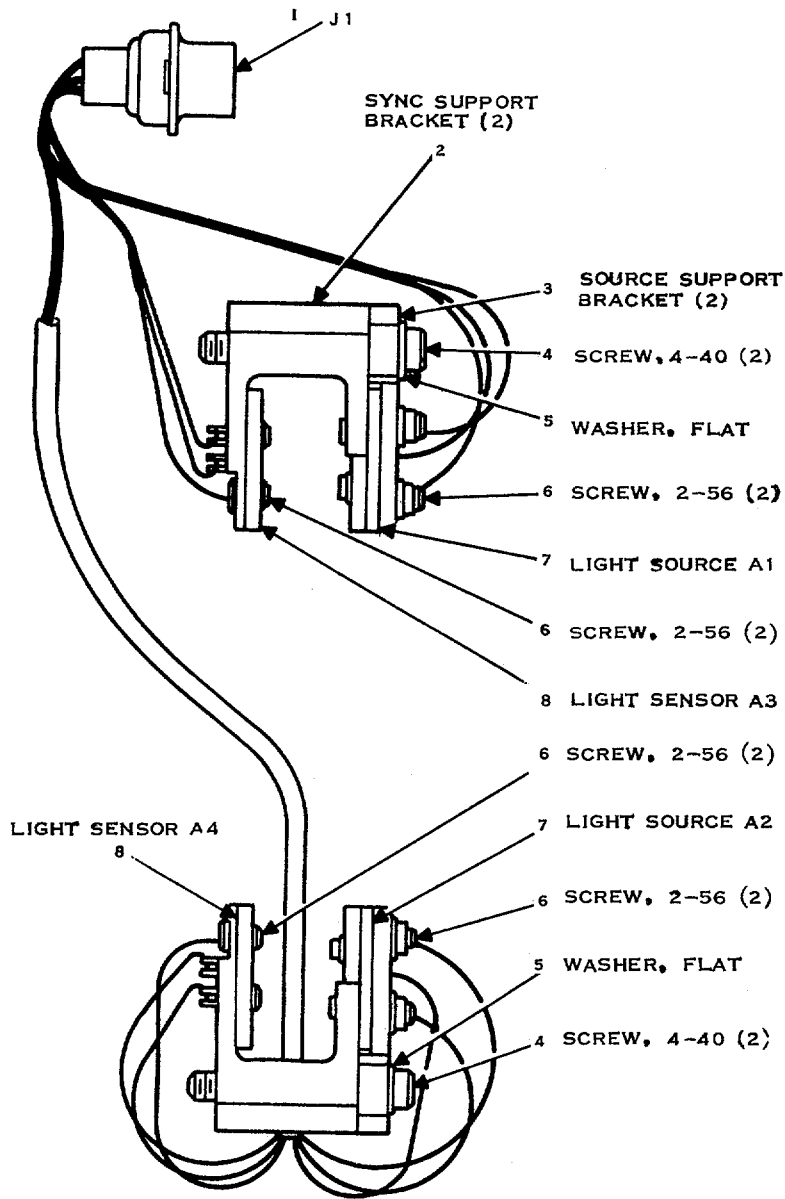


EL5850-241-34P-TM- 57

Figure 57. Light emitting diode and V/H mask assembly.

SECTION II REPAIR PARTS LIST (CONTINUED)

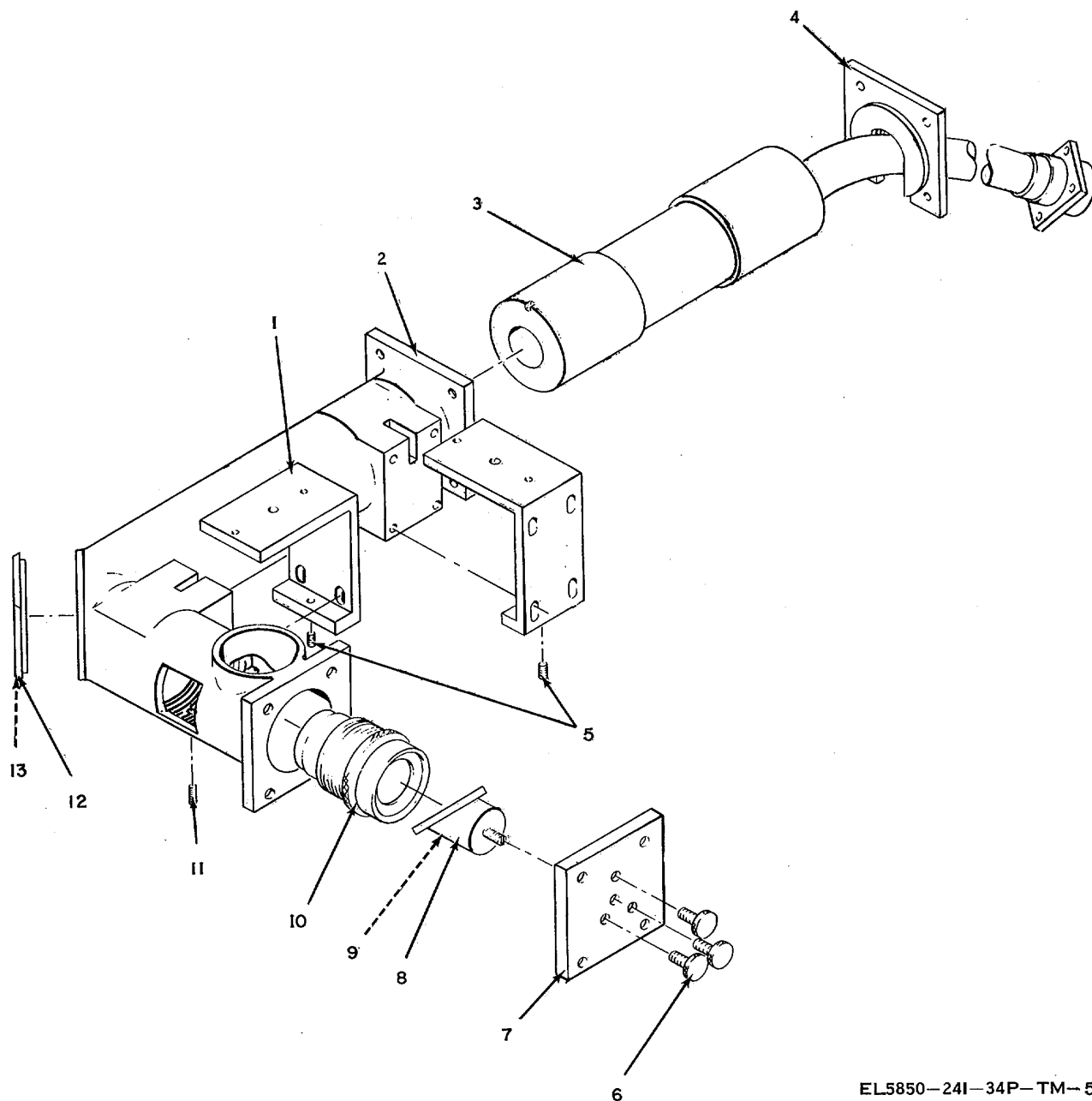
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
58	2	XBFZZ		SM-C-2019333-3	80063	BRACKET, SUPPORT	EA	2
58	3	XBFZZ		SM-C-2018014	80063	BRACKET, SOURCE SUPPORT	EA	2
58	4	XBFZZ	5305-959-0379	MS16995-10	96906	SCREW, CAP, SOCKET HEAD	EA	2
58	5	XBFZZ	5310-782-1349	MS15795-804	96906	WASHER, FLAT	EA	2
58	6	XBFZZ	5305-455-2508	MS51959-2B	96906	SCREW, MACHINE	EA	2
58	7	PAFZZ	5850-252-5716	SM-C-2018018	80063	LIGHT SOURCE ASSEMBLY	EA	2
58	8	PAFZZ	5850-252-5715	SM-C-2018017	80063	SENSOR, LIGHT	EA	2
						GROUP: 3A1A7, 3A1A7MP1 DATA ANNOTATION ASSEMBLY, ADAS RECORDING HEAD ASSEMBLY		
59	1	XBHZZ		SM-C-2017990	80063	BRACKET, MOUNTING	EA	1
59	2	XBFZZ		SM-E-2017991	80063	HOUSING ASSEMBLY, DATA ANNOTAION	EA	1
59	3	PAFDD	5850-409-9053	SM-D-2017989	80063	ADAS RECORDING, HEAD ASSEMBLY	EA	1
59	4	XBDZZ		SM-C-2017996	80063	PLATE, COVER	EA	1
59	5	XBDZZ		SM-C-2018689-2	80063	SETSCREW	EA	2
59	6	XBHZZ		SM-C-2019373-1	80063	THUMBSCREW	EA	3
59	7	XBDZZ		SM-C-2018002	80063	PLATE, MOUNTING, MIRROR NO.2	EA	1
59	8	ADDZZ		SM-C-2017993	80063	MIRROR ASSEMBLY NO. 2	EA	1
59	9	PADZZ	6650-408-4963	SM-C-2017994	80063	MIRROR, FOLDING, NO. 1	EA	1
59	10	PADZZ	6650-407-0745	SM-D-2018003	80063	LENS, DATA ANNOTATION	EA	1
59	11	XBDZZ	5305-820-8387	SM-C-2019383-2	80063	SETSCREW, SOCKET-HEAD	EA	1
59	12	ADDZZ		SM-C-2017998	80063	MIRROR ASSEMBLY NO. 1	EA	1
59	13	PADZZ	6650-408-2617	SM-C-2018001	80063	MIRROR, FOLDING, NO. 2	EA	1
						GROUP: 3A1A8 FILM DRIVE AND V/H SERVO AMPLIFIERS HEATSINK ASSEMBLY		
60	1	PADZZ	5961-923-3951	2N2151	81349	TRANSISTOR	EA	4
60	2	PADZZ	5935-489-9999	M24308-4-3	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
						GROUP: 3A1B1 MOTOR		
61	1	PAHDD	6105-257-1112	SM-D-2018819	80063	MOTOR, DIRECT-CURRENT	EA	1
61	2	PAHZZ	5340-471-3307	SM-D-2019707	80063	ADAPTER, DRIVE MOTOR	EA	1
61	3	XBFZZ	5340-985-6633	SM-C-2017912-1	80063	CLAMP, LOOP	EA	1
61	4	PAHZZ	5940-194-3243	SM-C-2019353-4	80063	TERMINAL, LUG	EA	1
61	5	PAHZZ	5910-436-8203	SM-D-2017446-3	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
61	6	PAHZZ	5940-258-2109	SM-C-2019353-2	80063	TERMINAL, LUG	EA	2
						GROUP: 3A2 MAGAZINE, FILM MA-26/AAS-24		
62	1	XBDZZ		SM-C-2018390	80063	HANDLE, MODIFIED	EA	2
62	2	XBHZZ		SM-D-2018433	80063	DOOR ASSEMBLY, ACCESS MAGAZINE, FILM	EA	2
62	3	PAFFD	5850-201-3537	SM-C-2018413	80063	ARM ASSEMBLY, ROLLER, INDICATOR, FILM	EA	1
62	4	XBDZZ		SM-C-2019205	80063	GASKET	EA	2
62	5	XBDZZ		SM-C-2019856	80063	COVER, BEARING, NO. 1	EA	2
62	6	XBDZZ		SM-C-2018377	80063	SHAFT, PIVOT, PRESSURE BRAKE	EA	1
62	7	PAHZZ		SM-C-2019439-1	80063	GEAR, SPUR	EA	1
62	8	PAHZZ	5360-431-6714	SM-B-2018447	80063	SPRING, HELICAL, TORSION	EA	1
62	9	PAHZZ	5355-484-8640	SM-C-2012449	80063	DIAL, INDICATOR FILM FOOTAGE	EA	1



NOTE: UNLESS OTHERWISE SPECIFIED  
 FOR COMPLETE REFERENCE DESIGNATION  
 1. PREFIX WITH 3A1A6

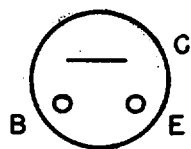
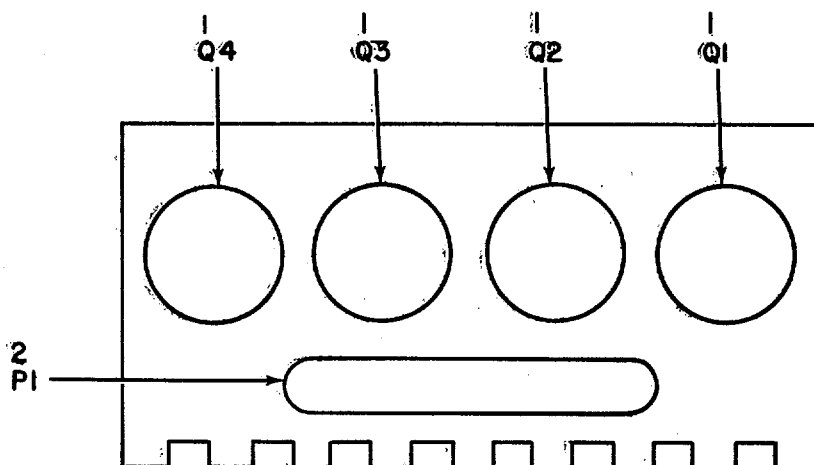
EL5850-241-34P-TM-58

Figure 58. Record light source and sensor assembly.



EL5850-241-34P-TM-59

Figure 59. Data annotation assembly, ADAS recording head

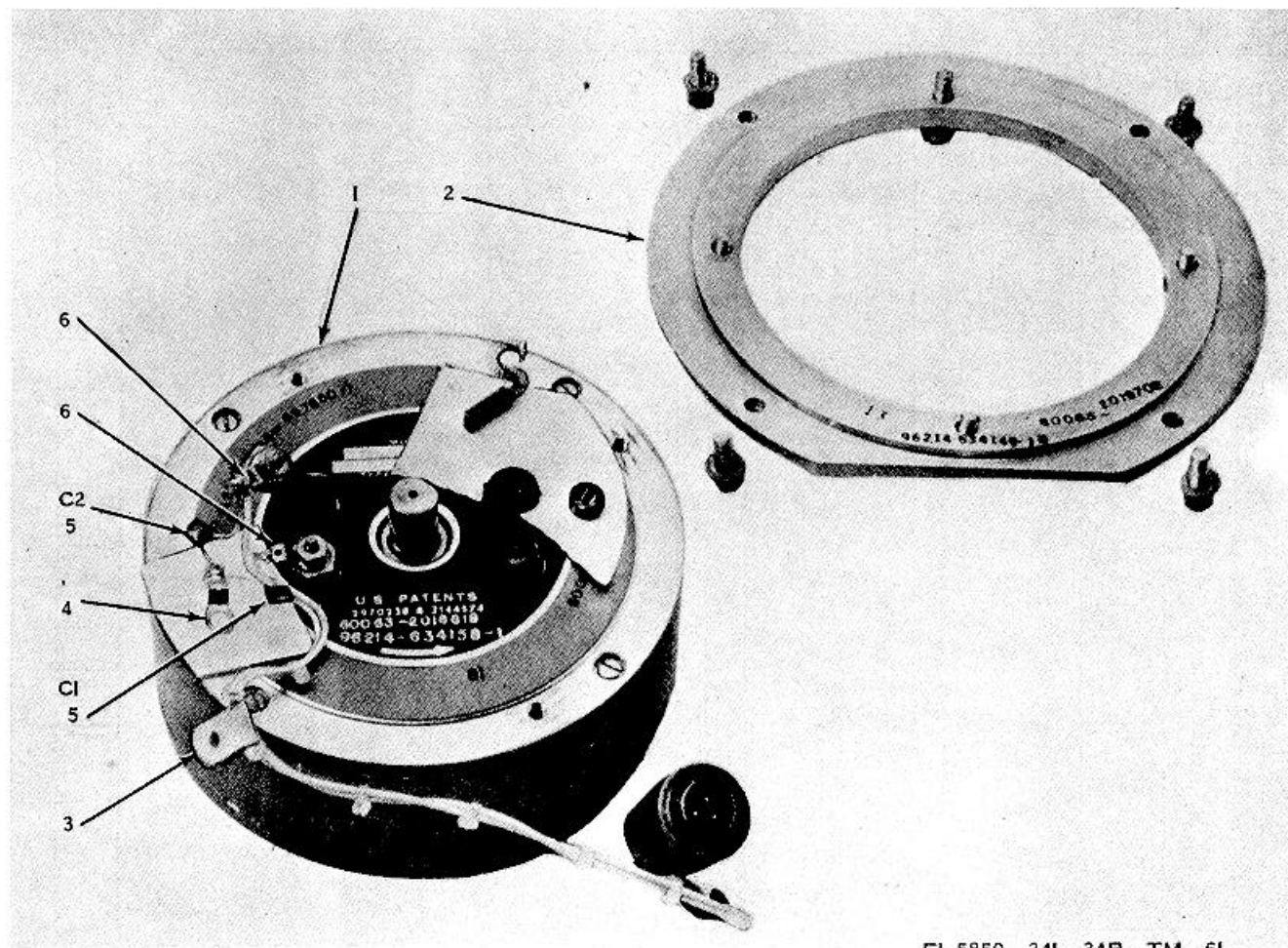


POWER TRANSISTOR (Q)

FOR COMPLETE REFERENCE  
DESIGNATION, PREFIX WITH  
3AIA8.

EL 5850-241-34P-TM-60

Figure 60. Film drive and V/H servo amplifiers heatsink assembly.



EL 5850 - 241 - 34P - TM - 61

Figure 61. Motor



SECTION II REPAIR PARTS LIST (CONTINUED)

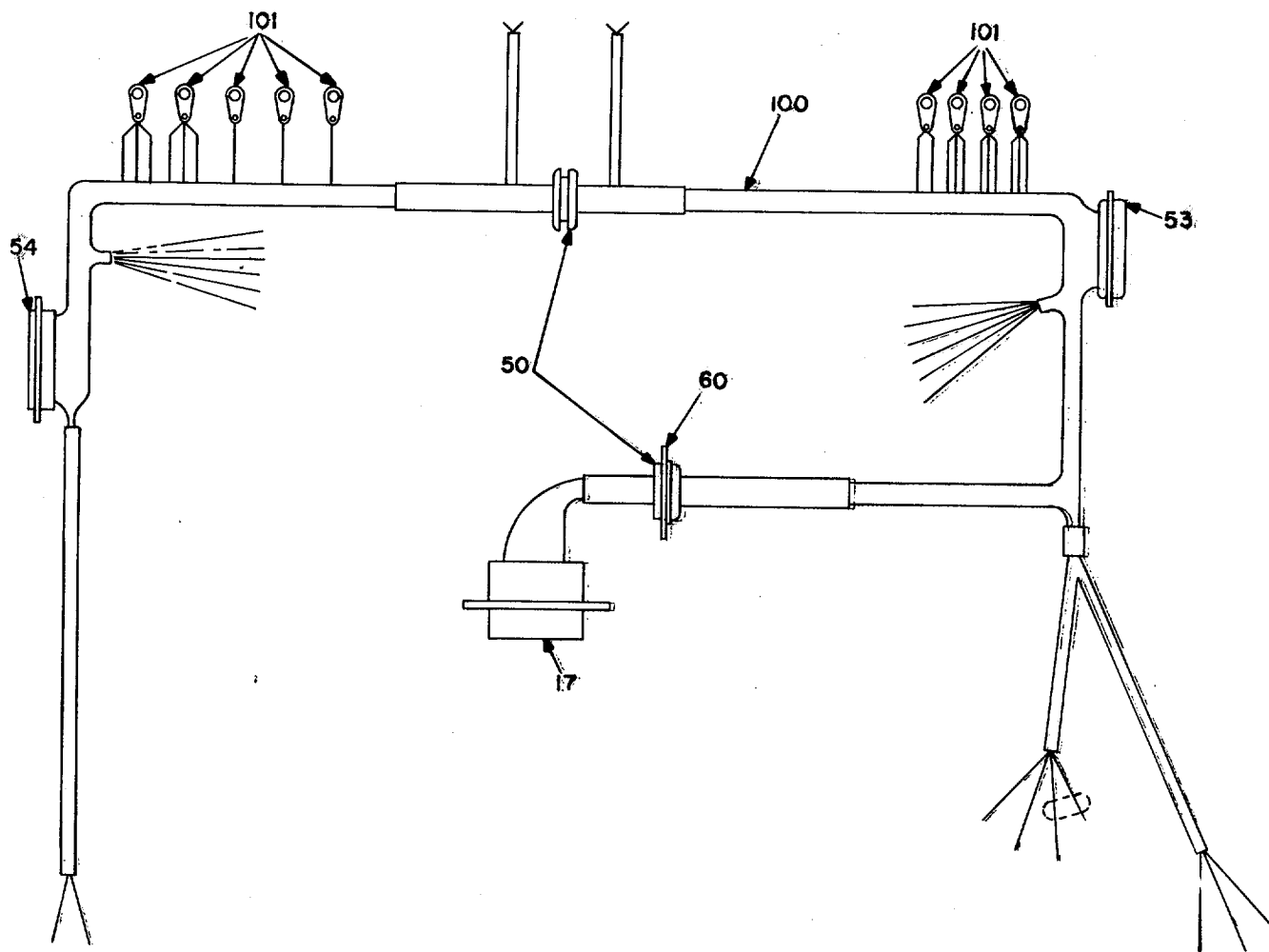
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
62	10	XBDZZ	5360-298-6564	MS16624-4025	96906	RING, RETAINING	EA	1
62	11	XBFZZ		SM-C-2018469	80063	LEVER, PRESSURE ROLLER	EA	3
62	12	PAHZZ	3040-137-5876	SM-B-2018446	80063	GEAR, PINION, MODIFIED 18 TEETH	EA	1
62	13	ADFDD		SM-D-2018422	80063	INDICATOR ASSEMBLY, FILM FOOTAGE	EA	1
62	14	PAFZZ	3110-112-2906	SM-C-2019468-3	80063	BEARING, BALL, ANNULAR	EA	1
62	15	XBDZZ		SM-C-2018392	80063	COVER, BEARING, NO 2	EA	1
62	16	XBDZZ		SM-C-2018378	80063	GUIDE, FILM, NO 2	EA	1
62	17	PAFZZ	5999-239-3338	M24308-10-1	81349	CONTACT, ELECTRICAL	EA	50
62	18	PAFZZ		SM-C-2018490	80063	GASKET, HOUSING, FILM DRIVE	EA	1
62	19	PBFDD	5850-431-0335	SM-E-2018466	80063	FILM, DRIVE	EA	1
62	20	XBFZZ		SM-B-2018391	80063	GASKET, HOUSING, MAGAZINE	EA	1
62	21	XBHZZ		SM-D-2018394	80063	COVER, MAGAZINE	EA	1
62	22	XBDZZ		SM-C-2018362	80063	GUIDE, TRANSPORT	EA	2
62	23	PADZZ	3110-819-0571	SM-D-2019464-1	80063	BEARING, BALL, ANNULAR	EA	4
62	24	XBDZZ		SM-C-2018417	80063	ROLLER, FILM	EA	1
62	25	PAFDD	6210-480-1298	SM-C-2018498-1	80063	LAMP ASSEMBLY, PLATEN	EA	2
62	26	PAOZZ	6240-954-7853	SM-C-2017478-4	80063	LAMP, INCANDESCENT	EA	1
62	27	XBDZZ		SM-B-2018383	80063	SCREW, SHOULDER	EA	4
62	28	PADZZ	5360-469-8252	SM-C-2019371-2	80063	SPRING, HELICAL, COMPRESSION	EA	4
62	29	XBDZZ	5850-431-0337	SM-D-2018370	80063	PLATEN, OUTER	EA	1
62	30	PAHZZ	5360-469-8251	SM-C-2019371-1	80063	SPRING, HELICAL, COMPRESSION	EA	2
62	31	XBHZZ		SM-B-2018503	80063	CLAMP, LAMP, PLATEN	EA	2
62	32	PADZZ	3110-707-3737	SM-C-2019465-1	80063	BEARING, BALL, ANNULAR	EA	4
62	33	PADZZ	3020-409-8086	SM-C-2018375	80063	DISK, CHOPPER	EA	1
62	34	PAFZZ	5850-409-8092	SM-C-2018517	80063	SENSOR, FILM FAIL	EA	1
62	35	PAHZZ	5890-252-5739	SM-C-2018520	80063	EMITTER, FILM FAIL	EA	1
62	36	XBHZZ		SM-C-2019569-2	80063	COVER, TERMINAL BOARD	EA	1
62	37	XBDZZ	5940-983-6045	37TB4	81349	TERMINAL BOARD	EA	1
62	38	XBDZZ		SM-C-2018431	80063	ROLLER, BRAKE	EA	1
62	39	XBDZZ		SM-C-2018385	80063	GUIDE, FILM, NO 1	EA	1
62	40	PADDL	5850-204-2722	SM-C-2019826	80063	ROLLER ASSEMBLY, PRESSURE	EA	1
62	41	PADZZ	5360-426-1138	SM-C-2018366	80063	SPRING, HELICAL, TORSION, NO 2	EA	1
62	42	XBDZZ	5340-808-7913	MS16624-4075	96906	RING, RETAINING	EA	1
62	43	PAHZZ	6110-480-7630	SM-C-2018679-1	80063	BRAKE, ELECTRICAL	EA	1
62	44	XBFZZ		SM-B-2019310	80063	INSULATOR, PRINTED WIRING BOARD	EA	1
62	45	PAFDD	5850-409-8096	SM-D-2018509	80063	LOGIC ASSEMBLY, SLACK LOOP	EA	1
62	46	XBHZZ		SM-D-2018379	80063	COVER, PRINTED WIRING BOARD, MAGAZINE	EA	1
62	47	XBHZZ	5340-985-6633	SM-C-2017912-1	80063	CLAMP, LOOP	EA	7
62	48	XBDZZ		SM-D-2018374	80063	BRACKET, MOUNTING, CONNECTOR	EA	1
62	49	XBDZZ	5935-801-9311	SM-C-2019367-1	80063	SHELL, ELECTRICAL, CONNECTOR	EA	1
62	50	PADZZ	3110-069-5597	SM-D-2019649-1	80063	BEARING, BALL, ANNULAR	EA	4
62	51	XBDZZ		SM-E-2018361	80063	HOUSING, MAGAZINE	EA	1
62	52	PADZZ	5325-174-5317	MS35489-4	96906	GROMMET, RUBBER	EA	1

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
62	53	PAFZZ	5935-139-2735	SM-D-2017491-2	80063	CONNECTOR BODY, RECEPTACLE, ELECTRICAL	EA	1
62	54	PAHZZ	5935-410-9250	M24308-2-3	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	2
62	55	XBHZZ		SM-C-2019560	80063	COVER, TERMINAL BOARD	EA	2
62	56	XBDZZ	5940-983-6047	37TB6	81349	TERMINAL BOARD	EA	2
62	57	XBHZZ	5340-969-6501	SM-C-2017912-6	80063	CLAMP, LOOP	EA	3
62	58	XBDZZ		SM-B-2018382	80063	PLATE GROMMET SPLIT	EA	2
62	59	XBDZZ		SM-C-2018400	80063	BRACKET, ACTIVATING SWITCH	EA	1
62	60	XBDZZ		SM-B-2019701	80063	PLATE, GROMMET, COVER	EA	1
62	61	XBDZZ		SM-C-2018406-1	80063	KNOB, OUTER SHAFT	EA	2
62	62	XBDZZ		SM-D-2018401	80063	SPOOL, IDLER	EA	2
62	63	PADZZ	3110-731-1718	SM-C-2019468-2	80063	BEARING, BALL, ANNULAR	EA	2
62	64	PADZZ	3110-459-3987	SM-D-2018408	80063	RETAINER, BEARING, SPOOL IDLER	EA	2
62	65	XBFBZ		SM-C-2018427	80063	IDLER, NO 2	EA	1
62	66	AHHHD		SM-D-2018386	80063	DRIVE, LOOP, FILM SUPPLY ASSEMBLY	EA	1
62	67	PAHZZ	6105-226-3165	SM-D-2017403-1	80063	MOTOR, SYNCHRONOUS	EA	1
62	68	PAHZZ	3010-408-2645	SM-C-2017406-1	80063	CLUTCH, MAGNETIC-BRAKE FCB 0109-3241	EA	1
62	69	PAHZZ	3040-408-4935	SM-D-2018388	80063	COUPLING, MOTOR	EA	1
62	70	PAHZZ	3010-724-3082	SM-D-2019502-1	80063	GEAR ASSEMBLY, SPEED DECREASER	EA	1
62	71	PAHZZ	3020-409-8084	SM-C-2018365	80063	CHAIN, ROLLER MODIFIED	EA	2
62	72	XBDZZ		SM-C-2018372-1	80063	SPINDLE, FILM, SPOOL, SUPPLY	EA	1
62	73	PAHZZ	6760-433-2421	SM-B-2018501	80063	BRAKE DRUM, SPOIL, FILM	EA	1
62	74	XBHZZ	5895-855-7150	SM-C-2018502	80063	BRAKE, BAND, FILM SPOOL	EA	1
62	75	XBDZZ		SM-C-2018369	80063	GUIDE, FILM	EA	1
62	76	XBFBZ		SM-B-2018384	80063	GASKET, SUPPLY LOOP HOUSING ASSEMBLY	EA	1
62	77	PADZZ	3110-857-3673	SM-D-2019469-2	80063	BEARING, BALL ANNULAR	EA	3
62	78	XBDZZ		SM-C-2018425	80063	IDLER, NO 1	EA	2
62	79	XBDZZ		SM-D-2018451	80063	HOUSING, SUPPLY LOOP	EA	1
62	80	PAFZZ	5850-409-8093	SM-D-2018523	80063	LIGHT EMITTERS, SLACK LOOP	EA	2
62	81	PAFZZ	5850-408-2592	SM-D-2018512	80063	SENSOR ASSEMBLY, LIGHT, SLACK LOOP	EA	2
62	82	XBDZZ	5340-082-4213	SM-C-2019850	80063	HOOK, LUGGAGE CATCH	EA	3
62	83	PADDL	5850-196-1195	SM-C-2018462-1	80063	ROLLER ASSEMBLY, PRESSURE	EA	2
62	84	XBDZZ		SM-C-2018376	80063	SHAFT, PIVOT, PRESSURE ROLLER	EA	2
62	85	XBDZZ		SM-C-2019858	80063	ROLLER ASSEMBLY, DRIVE, NO 1	EA	1
62	86	XBDZZ		SM-C-2019859	80063	ROLLER ASSEMBLY, DRIVE, NO 2	EA	1
62	87	XBDZZ		SM-D-2018457	80063	HOUSING ASSEMBLY, TAKE-UP LOOP	EA	1
62	88	ADHDD		SM-C-2019281	80063	SPINDLE AND SPROCKET ASSEMBLY	EA	1
62	89	PADZZ		SM-C-2019661-5	80063	CLUTCH, FRICTION	EA	1
62	90	PAHZZ	3020-409-8085	SM-C-2018365-4	80063	CHAIN, ROLLER MODIFIED	EA	1
62	91	XBPPZ		SM-C-2018371	80063	MOUNT, MOTOR	EA	2
62	92	XBHZZ		SM-C-2019437-2	80063	SPROCKET, WHEEL	EA	1
62	93	PAHZZ	3010-405-0419	U214311	82686	GEAR HEAD	EA	1
62	94	PAHZZ	6105-426-1124	U204736-69-8-3	82686	MOTOR	EA	1
62	95	PAHDD	6105-480-1341	SM-D-2017488-1	80063	MOTOR, ALTERNATE CURRENT ASSEMBLY	EA	1

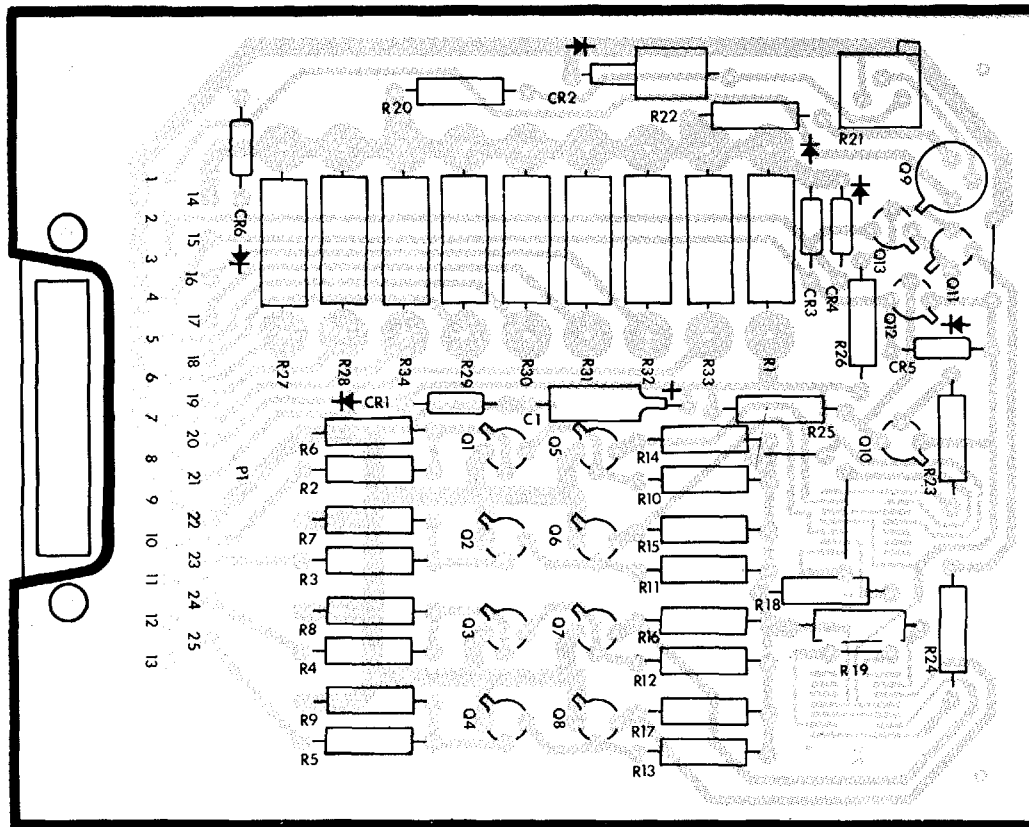
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
62	96	ADHHD		SM-C-2020926	80063	MOTOR AND SPROCKET ASSEMBLY	EA	1
62	97	PAHZZ	6110-480-7631	SM-C-2017426-1	80063	BRAKE ELECTRICAL	EA	1
62	98	AHHDD		SM-C-2018419	80063	BRAKE AND SPROCKET ASSMBLY	EA	1
62	99	XBDZZ		SM-C-2018407	80063	SETSCREW	EA	2
62	100	PAFDD	5995-480-5732	SM-E-2019709	80063	WIRING HARNESS, MAGAZINE	EA	1
62	101	PADZZ	5940-827-2653	MS77068-2	96906	TERMINAL LUG	EA	9
						GROUP 3A2A1 LOGIC, SLACK LOOP		
63-	1	PADZZ	5910-936-3861	CSR13C396KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
63	2	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
63	3	PADZZ	5961-825-7873	1N3028B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
63	4	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
63	5	PADZZ	5935-489-9999	M24308-4-3	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
63	6	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	12
63	7	PADZZ	5961-050-7499	2N229A	81349	TRANSISTOR	EA	1
63	8	PADZZ	5905-944-0727	RW79U3920F	81349	RESISTOR, FIXED, WIRFWOUND	EA	1
63	9	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	4
63	10	PADZZ	5905-137-0804	RN60DO1003F	81349	RESISTOR, FIXED, FILM	EA	4
63	11	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	4
63	12	PADZZ	5905-192-3458	RN60D6812F	81349	RESISTOR, FIXED, FILM	EA	6
63	13	PADZZ	5905-142-0901	RN60D200F	81349	RESISTOR, FIXED, FILM	EA	1
63	14	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
63	15	PADZZ	5905-836-6925	RW70U3010F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
63	16	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
63	17	PADZZ	5905-243-5622	RN60D3010F	81349	RESISTOR, FIXED, FILM	EA	2
63	18	PADZZ	5905-977-9354	RW79U1211F	81349	RESISTOR, FIXED, WIREWOUND	EA	6
63	19	PADZZ	5905-903-8455	RW79U1R50F	81349	RESISTOR, FIXED, WIREWOUND	EA	2
63	20	PADZZ	5962-117-6091	SM-D-2017453-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	2
						GROUP 3A2A8 FILM DRIVE ASSEMBLY		
64	1	PAFDD	6105-433-2407	SM-D-2019232-1	80063	MOTOR, GENERATOR	EA	1
64	2	PADZZ	3020-370-3096	SM-C-2019461-1	80063	GEAR, ANTIBACKLASH, SPUR	EA	1
64	3	XBDZZ	3040-567-0518	SM-C-2019397-5	80063	COLLAR, SHAFT	EA	1
64	4	XBDZZ	5340-598-0383	SM-C-2017912-3	80063	CLAMP, LOOP	EA	1
64	5	XBDZZ	SM-C-2018478		80063	CLAMP, MOTOR	EA	1
64	6	PADZZ	5325-185-0012	MS35489-35	96906	GROMMET, RUBBER	EA	1
64	7	PADZZ	5935-283-3825	M39024-10-04	81349	JACK, TIP	EA	1
64	8	PADZZ	5935-539-2045	M39024-10-02	81349	JACK, TIP	EA	1
64	9	XBDZZ	SM-C-2018469		80063	LEVER, PRESSURF ROLLER	EA	1
64	10	PADZZ	5940-935-8222	SE181E01	81349	TERMINAL, STUD	EA	13
64	11	PADZZ	5940-727-5243	SE099E02	81349	TERMINAL, STUD	EA	2
64	12	XBDZZ	SM-D-2018483		80063	COVER, BEARING, NO 5	EA	2
64	13	XBFZZ	5340-807-5332	MS16625-4062	96906	RING, RETAINING	EA	2
64	14	PAFZZ	3110-731-1718	SM-C-2019468-2	80063	BEARING, BALL, ANNULAR	EA	2
64	15	PADZZ	5910-139-9751	SM-D-2017460-5	80063	CAPACITOR, FIXED, FILM	EA	1



EL5850-241-34P-TM-62 (3)

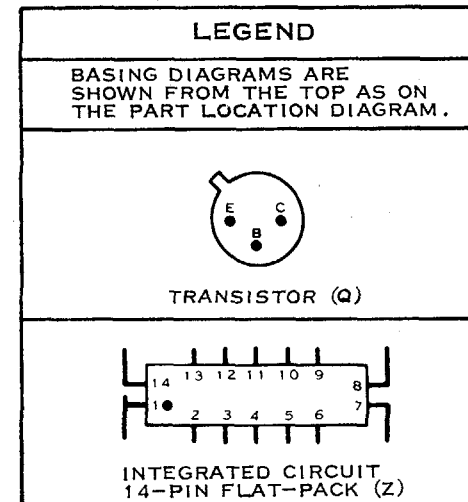
Figure 62 (3). Magazine, film MA-26/AAS-24 (sheet 3 of 3).



- NOTE: UNLESS OTHERWISE SPECIFIED
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 3A2A1

DESIG ITEM DESIG ITEM DESIG ITEM DESIG ITEM

CI	1	Q8	6	R9	10	R23	16
CR1	2	Q9	7	R10	11	R24	16
CR2	3	Q10	6	R11	11	R25	17
CR3	4	Q11	6	R12	11	R26	17
CR4	4	Q12	6	R13	11	R27	18
CR5	4	Q13	6	R14	12	R28	18
CR6	4	R1	8	R15	12	R29	18
PI	5	R2	9	R16	12	R30	18
Q1	6	R3	9	R17	12	R31	18
Q2	6	R4	9	R18	12	R32	18
Q3	6	R5	9	R19	12	R33	19
Q4	6	R6	10	R20	13	R34	19
Q5	6	R7	10	R21	14	Z1	20
Q6	6	R8	10	R22	15	Z2	20
Q7	6						



EL5850-241-34P-- TM-- 63

Figure 63. Logic, slack loop.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
64	16	XBDZZ	5340-952-0752	MS17160-44	96906	CLIP, SPRING TENSION	EA	1
64	17	PADDL	5850-201-3533	SM-C-2019827	80063	ROLLER ASSEMBLY, PRESSURE	EA	1
64	18	XBDZZ		SM-D-2018475	80063	GUIDE, FILM	EA	1
64	19	XBDZZ		SM-C-2010557-3	80063	SPACER, SLEEVE	EA	2
64	20	XBDZZ	5340-825-2520	SM-C-2019556-5	80063	SPACER, SLEEVE	EA	1
64	21	PADZZ	5130-676-6147	SM-C-2019472-1	80063	BEARING, ROLLER NEEDLE	EA	1
64	22	PADZZ		SM-D-2019407-1	80063	CLUTCH, POSITIVE	EA	1
64	23	PADDL	5850-208-7576	SM-C-2018486	80063	ROLLER, FILM DRIVE	EA	1
64	24	XBDZZ		SM-C-2018470	80063	DEEPER, SPRING	EA	1
64	25	PADZZ	5360-405-4591	SM-C-2018486	80063	SPRING, HELICAL, TORSIONE	EA	1
64	26	PADZZ	3020-432-2270	SM-D-2018487	80063	GEAR SET, MATCHED, FILM DRIVE	EA	1
64	27	XBDZZ		SM-C-2018474	80063	CAM, SWITCH, FILM DRIVE	EA	1
64	28	XBDZZ	5310-782-1349	MS15795-804	96906	WASHER, FLAT	EA	4
64	20	XBDZZ	5310-933-8118	MS35338-135	80063	WASHER, LOCK	EA	7
64	30	XBDZZ	5305-054-5652	MS51957-18	96906	SCREW, MACHINE	EA	2
64	31	XBDZZ		SM-D-2018476	80063	GUIDE, FILM	EA	1
64	32	XBDZZ		MS212326-2	96906	STUD, SYTLE IV SNAP SLIDE	EA	2
64	33	PADZZ	3020-370-3095	SM-C-2019460	80063	GEAR, ANTIBACKLASH, SPUR	EA	1
64	34	XBDZZ	3040-949-1713	SM-C-2019397-6	80063	COLLAR, SHAFT	EA	2
64	35	XBDZZ		SM-D-2018491	80063	COVER, ACCESS, FILM DRIVE	EA	1
64	36	XBDZZ		SM-D-2018471	80063	FLYWHEEL, FILM DRIVE	EA	1
64	37	XBDZZ		SM-C-2019528-4	80063	SCREW, MACHINE	EA	3
64	38	XBDZZ		SM-C-2019521-2	80063	WASHER, LOCK	EA	6
64	39	XBDZZ		SM-C-2019522-4	80063	WASHER, FLAT	EA	3
64	40	PADZZ	3020-390-3126	SM-D-2019445-1	80063	GEAR, SPUR	EA	1
64	41	XBDZZ		SM-C-2018479	80063	COVER, BEARING, NO 3	EA	1
64	42	XBDZZ	5340-298-6564	MS16624-4025	96906	RING, RETAINING	EA	5
64	43	PAFZZ	5845-968-0361	SM-D-2019469-3	80063	BEARING, BALL, ANNULAR	EA	4
64	44	XBDZZ		SM-B-2018492	80063	GASKET, COVER, ACCESS, FILM DRIVE	EA	1
64	45	XBDZZ		SM-E-2018467	80063	HOUSING, FILM DRIVE	EA	1
64	46	XBDZZ		MS-C-2018477	80063	SHAFT, PIVOT, PRESSURE ROLLER	EA	1
64	47	PADZZ	5935-489-9999	M424308-4-3	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
64	48	PADZZ	5935-961-5347	SM-C-2019364-3	80063	GASKET, ELECTRICAL CONNECTOR	EA	1
64	49	PADZZ	5930-803-4570	MSS24547-1	96906	SWITCH, SENSITIVE	EA	2
64	50	XBDZZ	5340-985-6633	SM-C-2017912-1	80063	CLAMP, LOOP	EA	2
64	51	XBDZZ	3120-726-9254	SM-C-2019525-2	80063	BEARING, SLEEVE	EA	2
64	52	XBDZZ		SM-D-2018481	80063	COVER, BEARING, NO 4	EA	1
65	1	XBF7Z		SM-D-2018657	80063	GROUP 4 POWER SUPPLY PP-6270/AAS-24	EA	1
65	2	PAFDD	5850-431-0339	SM-D-2018619	80063	COVER, TOP, POWER SUPPLY	EA	1
65	3	XBFZZ		SM-D-2018662	80063	POWER SUPPLY SUBASSEMBLY	EA	1
65	4	PADZZ	5930-579-8144	M16106-1	96906	BRACKET, MOUNTING INTERLOCK SWITCH	EA	1
65	5	PAHZZ	5940-983-6057	37TB16	81349	SWITCH, SENSITIVE INTERLOCK	EA	1
						TERMINAL BOARD	EA	1

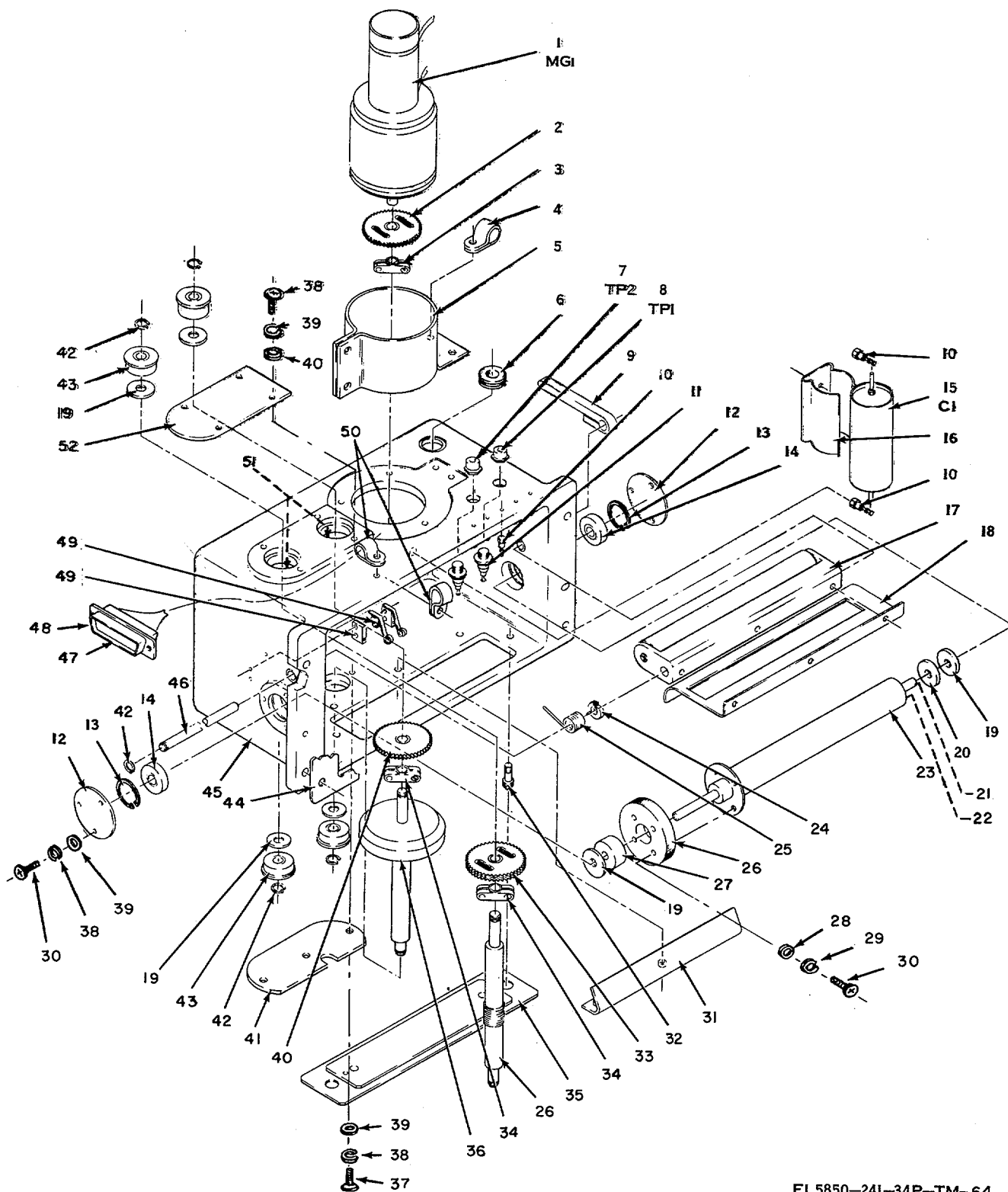


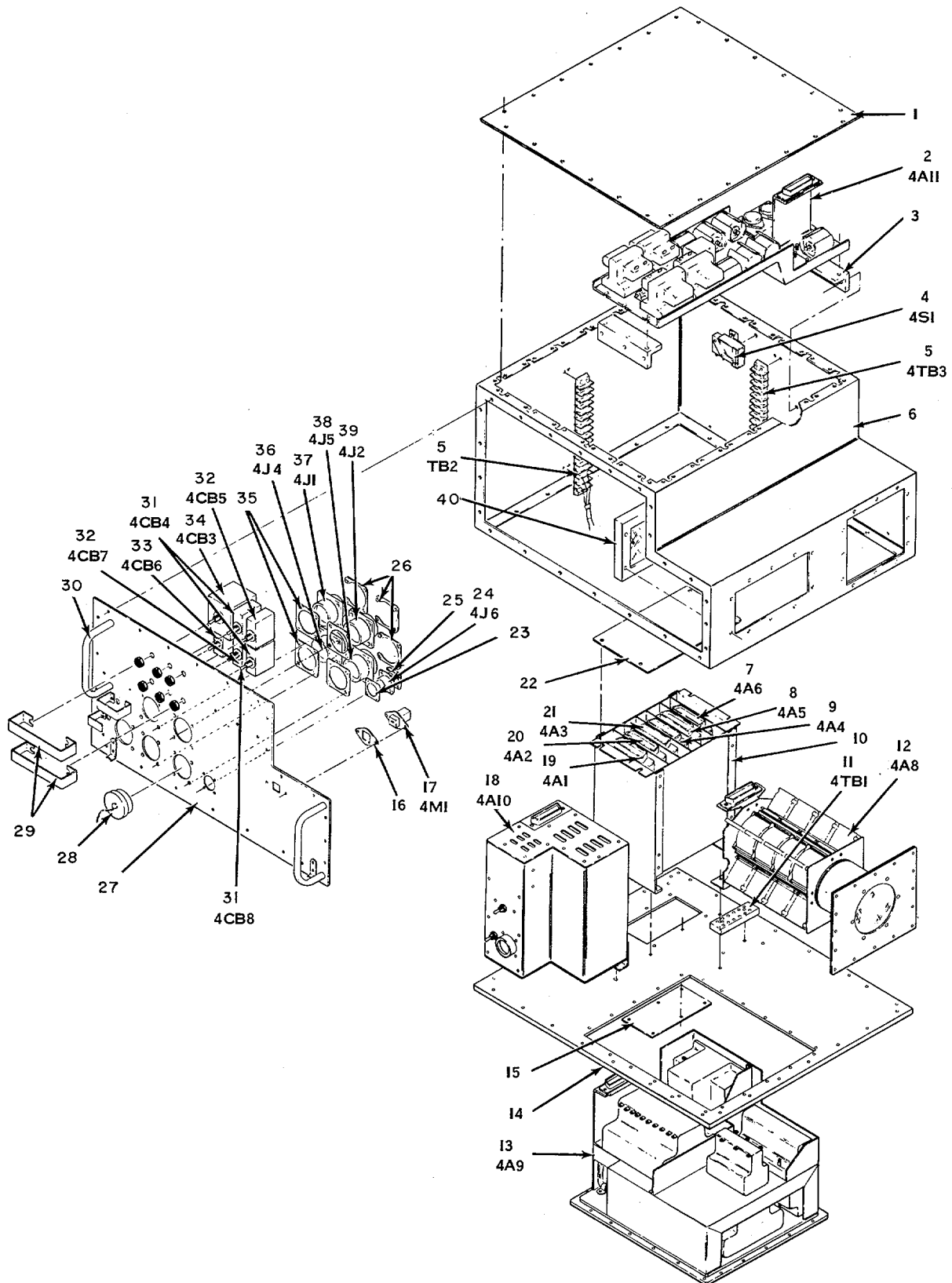
Figure 64. Film drive assembly.

EL5850-241-34P-TM-64

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
65	6	XBFZZ		SM-D-2018598	80063	HOUSING, POWER SUPPLY	EA	1
65	7	PAFDD	6110-489-0412	SM-D-2018672	80063	REGULATOR + 30 VDC	EA	1
65	8	PAFDD	6110-449-0578	SM-D-2018675	80063	REGULATOR, VIDEO, PORM 13 VDC	EA	1
65	9	PAFDD	6110-449-0580	SM-D-2018678	80063	REGULATOR, PORM 13 VDC	EA	1
65	10	XBFZZ		SM-D-2018600	80063	HOUSING, PRINTED WIRING BOARD	EA	1
65	11	XBHZZ		SM-C-2019532	80063	BLOCK, GROUNDING, POWER SUPPLY	EA	1
65	12	PAFDD	5850-197-1766	SM-E-2018628	80063	HEAT SINK ASSEMBLY, POWER SUPPLY	EA	1
65	13	PAFDD	5950-222-9241	SM-E-2018642	80063	TRANSFORMER ASSEMBLY, POWER SUPPLY	EA	1
65	14	XBFZZ		SM-E-2018594	80063	BASE, POWER SUPPLY	EA	1
65	15	XBFZZ		SM-C-2018661	80063	COVER, ACCESS PRINTED WIRING BOARD	EA	1
65	16	XBFZZ		SM-B-2019534	80063	GASKET, SHEILD, ELAPSED TIME METER	EA	1
65	17	PAFZZ	6645-255-1371	MS17322-6A	96906	METER, TIME TOTALIZING	EA	1
65	18	PAFDD	5915-409-9097	SM-D-2018603	80063	LINE FILTER ASSEMBLY	EA	1
65	19	PAFDD	5850-449-0662	SM-D-2018669	80063	PROTECTOR, OVERVOLTAGE	EA	1
65	20	PAFDD	5850-449-0646	SM-D-2018685	80063	MONITOR, POWER SUPPLY	EA	1
65	21	PAFDD	6110-449-0579	SM-D-2018682	80063	REGULATOR, 6 VDC	EA	1
65	22	XBFZZ		SM-D-2018595	80063	COVER, TOP, PRINTED WIRING BOARD	EA	1
65	23	XBFZZ		SM-C-2019436-1	80063	GASKET, SHIELDING	EA	2
65	24	PAHZZ	5935-901-3932	MS3122E14-12S	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
65	25	XBFZZ	5310-255-9805	SM-D-2019410-5	80063	NUT ASSEMBLY, RETAINER PLATE	EA	1
65	26	XBFZZ	5310-255-9830	SM-D-2019410-9	80063	NUT ASSEMBLY, RETAINER PLATE	EA	4
65	27	XBFZZ		SM-E-2018500	80063	PANEL, FRONT, POWER SUPPLY	EA	1
65	28	PAFZZ	5935-892-9600	MS3181-22C	96906	COVER, PROTECTIVE, ELFCTRICAL CONNECTOR	EA	1
65	29	XBFZZ		SM-C-2018665-1	80063	GUARD, TOGGLE SWITCH NO 1	EA	2
65	30	XBFZZ		SM-C-2019530-1	80063	HANDLE, BOW	EA	2
65	31	PAFZZ	5925-107-2684	M39019-2-40	81349	CIRCUIT BREAKER	EA	2
65	32	PAFZZ	5925-776-1398	M39019-2-30	81349	CIRCUIT BREAKER	EA	2
65	33	PAFZZ	5925-163-3479	M39019-2-60	81349	CIRCUIT BREAKER	EA	1
65	34	PAFZZ	5925-762-2258	M39019-5-60	81349	CIRCUIT BREAKER	EA	1
65	35	XBFZZ		SM-C-2019436-7	80063	GASKET, SHIELDING	EA	4
65	36	PAHZZ	5935-988-4231	MS3122E22-41S	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
65	37	PAHZZ	5935-726-7074	MS3122E22-55S	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
65	38	PAHZZ	5935-765-8573	MS3122E22-55SW	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
65	39	PAHZZ	5935-901-6992	MS3122E22-55SY	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
65	40	XBFZZ		SM-D-2019215-1	80063	FILTER, AIR CONDITIONING	EA	1
66	1	PADZZ	5910-144-4379	CSR13E125KL	81349	GROUP 4A1 PROTECTOR, OVERVOLTAGE	EA	4
66	2	PADZZ	5910-934-2923	CSR13G156KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
66	3	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
66	4	PADZZ	5910-067-6520	CSR13E126KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
66	5	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	8
66	6	PADZZ	5961-995-2310	1N752A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
66	7	PADZZ	5935-478-7346	SM-D-2017423-28	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1



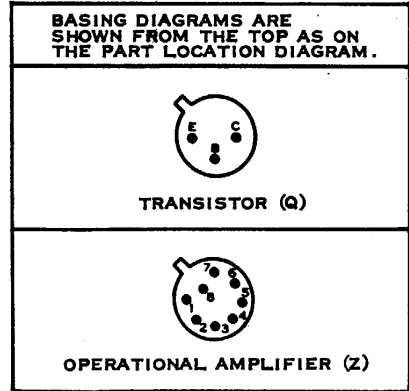
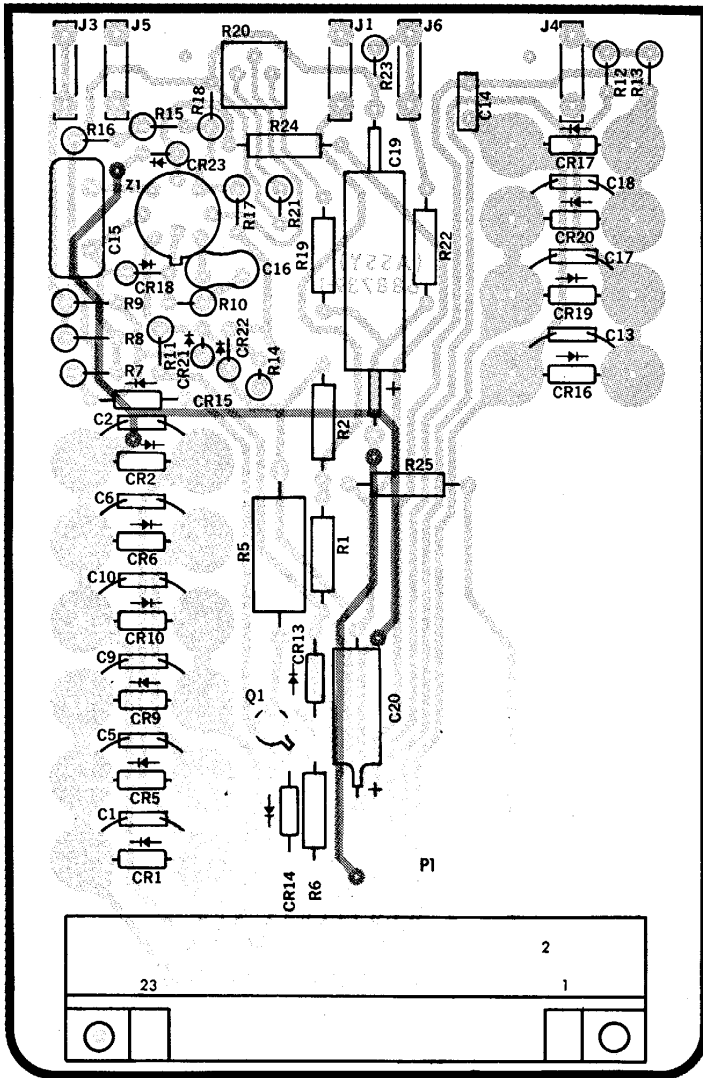


EL5850-241-34P-TM-65

Figure 65. Power supply PP-6270/AAS-24  
2-124

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
66	8	PADZZ	5961-926-2569	2N491A	81349	TRANSISTOR	EA	5
66	9	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
66	10	PADZZ	5961-913-1747	2112907	81349	TRANSISTOR	EA	1
66	11	PADZZ	5905-104-0922	RT24C2P502	81349	RESISTOR, VARIABLE	EA	4
66	12	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	4
66	13	PADZZ	5905-099-0545	RN60D1820F	81349	RESISTOR, FIXED, FILM	EA	1
66	14	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	5
66	15	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	5
66	16	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	1
66	17	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
66	18	PADZZ	5905-189-2467	RN60D2011F	81349	RESISTOR, FIXED, FILM	EA	1
66	19	PADZZ	5905-142-0903	RN60D1102E	81349	RESISTOR, FIXED, FILM	EA	1
66	20	PADZZ	5905-452-0742	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
66	21	PADZZ	5905-232-7791	RN60D1500F	81349	RESISTOR, FIXED, FILM	EA	1
67	1	PADZZ	5910-484-4906	CL65BN110MPE	81349	GROUP 4A2 BIT, POWER SUPPLY	EA	1
67	2	PADZZ	5910-153-7428	CL65BB3001APE	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
67	3	PADZZ	5961-905-2310	1N752A	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
67	4	PADZZ	5961-950-9881	1N827	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
67	5	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
67	6	PADZZ	5961-807-8315	1N963B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
67	7	PADZZ	5935-131-9696	M39024-11-04	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
67	8	PADZZ	5945-406-3076	SM-D-2017461-2	80063	JACK, TIP	EA	1
67	9	PADZZ	5935-478-7347	SID-2017423-29	80063	RELAY, ARMATURE	EA	1
67	10	PADZZ	5961-951-8757	2N2222A	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
67	11	PADZZ	5905-233-7141	R1160D2741F	81349	TRANSISTOR	EA	2
67	12	PADZZ	5905-452-0768	RN60D6191F	81349	RESISTOR, FIXED, FILM	EA	5
67	13	PADZZ	5905-988-2313	RN60D1211F	81349	RESISTOR, FIXED, FILM	EA	1
67	14	PADZZ	5905-057-5842	RW8OU3011F	81349	RESISTOR, FIXED, FILM	EA	1
67	15	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
67	16	PADZZ	5905-025-5988	RN60D3321F	81349	RESISTOR, FIXED, FILM	EA	1
67	17	PADZZ	5905-195-6384	RN60D3012F	81349	RESISTOR, FIXED, FILM	EA	1
67	18	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	1
67	19	PADZZ	5905-227-5072	RN60D3920F	81349	RESISTOR, FIXED, FILM	EA	4
67	20	PADZZ	5905-988-9178	RT24C2P202	81349	RESISTOR, FIXED, FILM	EA	2
67	21	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
67	22	PADZZ	5905-452-0773	RN60D8250F	81349	RESISTOR, VARIABLE	EA	2
67	23	PADZZ	5905-051-8007	RN60D0742F	81349	RESISTOR, FIXED, FILM	EA	2
67	24	PADZZ	5905-189-2456	RN60D1103F	81349	RESISTOR, FIXED, FILM	EA	1
67	25	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILM	EA	1
67	26	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1
67	27	PADZZ	5005-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	2
67	28	PADZZ	5905-252-4003	RN65D1001F	81349	RESISTOR, FIXED, FILM	EA	1



**LEGEND**

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	CR5	J3	R12
C2	CR6	J4	R13
C5	CR9	J5	R14
C6	CR10	J6	R15
C9	CR13	P1	R16
C10	CR14	Q1	R17
C13	CR15	R1	R18
C14	CR16	R2	R19
C15	CR17	R5	R20
C16	CR18	R6	R21
C17	CR19	R7	R22
C18	CR20	R8	R23
C19	CR21	R9	R24
C20	CR22	R10	R25
CR1	CR23	R11	Z1
CR2	J1	I1	

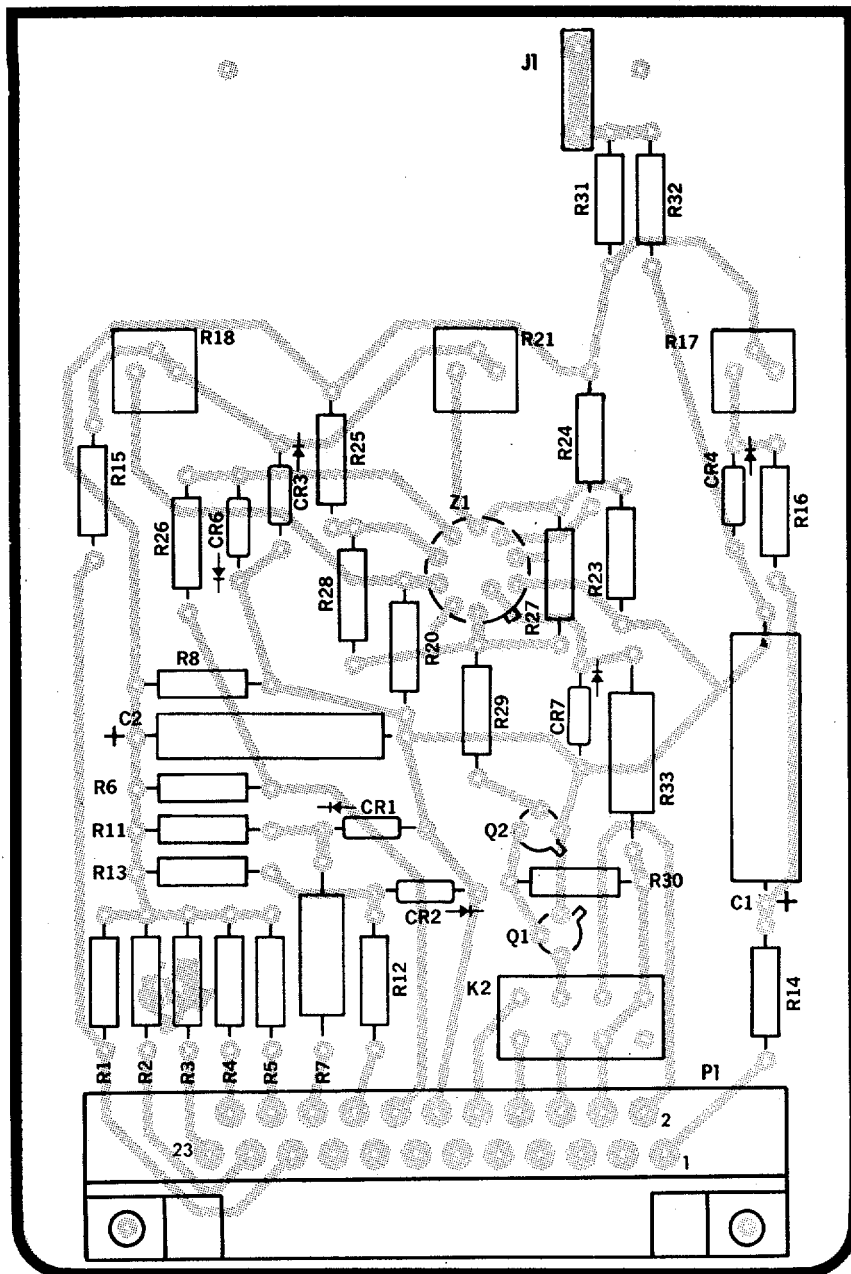
**NOTE: UNLESS OTHERWISE SPECIFIED**

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 4A3.

Figure 66. Protector, overvoltage.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
67	29	PADZZ	5962-245-5232	SM-D-2017396-1	80063	INTEGRATED CIRCUIT, DIFFERENT, COMPOSITION GROUP 4A3 REGULATOR, +6 AND -6 VDC	EA	1
68	1	PADZZ	5910-113-5499	CK06BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	10
68	2	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
68	3	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
68	4	PADZZ	5910-403-5093	CL21BJ18OTPE	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
68	5	PADZZ	5910-932-2639	CSR130G06KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
68	6	PADZZ	5961-762-0201	1N5550	81349	SEMICONDUCTOR DEVICE, DIODE	EA	10
68	7	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
68	8	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	FA	3
68	9	PADZZ	5961-894-0684	1N758A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
68	10	PADZZ	5961-923-3940	1N825	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
68	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
68	12	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
68	13	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
68	14	PADZZ	5935-131-9796	M39024-11-05	81349	JACK, TIP	EA	1
68	15	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	FA	1
68	16	PADZZ	5935-472-0279	SM-D-2017423-30	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
68	17	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	1
68	18	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	3
68	19	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	4
68	20	PADZZ	5905-252-4003	RN65D1001F	81349	RESISTOR, FIXED, FILM	EA	1
68	21	PADZZ	5905-721-2387	RN60D6190F	81349	RESISTOR, FIXED, FILM	EA	2
68	22	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	1
68	23	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1
68	24	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
68	25	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	1
68	26	PADZZ	5905-099-0545	RN60D1820F	81349	RESISTOR, FIXED, FILM	EA	2
68	27	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	2
68	28	PADZZ	5905-988-2310	RN60D100F	81349	RESISTOR, FIXED, FILM	EA	1
68	29	PADZZ	5905-196-1020	RT24C2P501	81349	RESISTOR, VARIABLE	EA	1
68	30	PADZZ	5905-764-9826	RN60D121F	81349	RESISTOR, FIXED, FILM	EA	1
68	31	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	2
68	32	PADZZ	5905-702-9485	RN60D22R1F	81349	RESISTOR, FIXED, FILM	EA	1
68	33	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIFR GROUP 4A4 REGULATOR, +13 AND -13 VDC	EA	1
69	1	PADZZ	5910-113-5499	CK06BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	12
69	2	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
69	3	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC	EA	2
69	4	PADZZ	5910-175-4623	CL21BL120TPE	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
69	5	PADZZ	5961-762-0201	1N5550	81349	SEMICONDUCTOR DEVICE, DIODE	EA	12
69	6	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
69	7	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4



**LEGEND**

**BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.**

**TRANSISTOR (Q)**

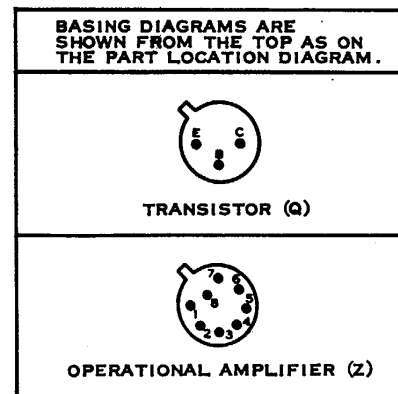
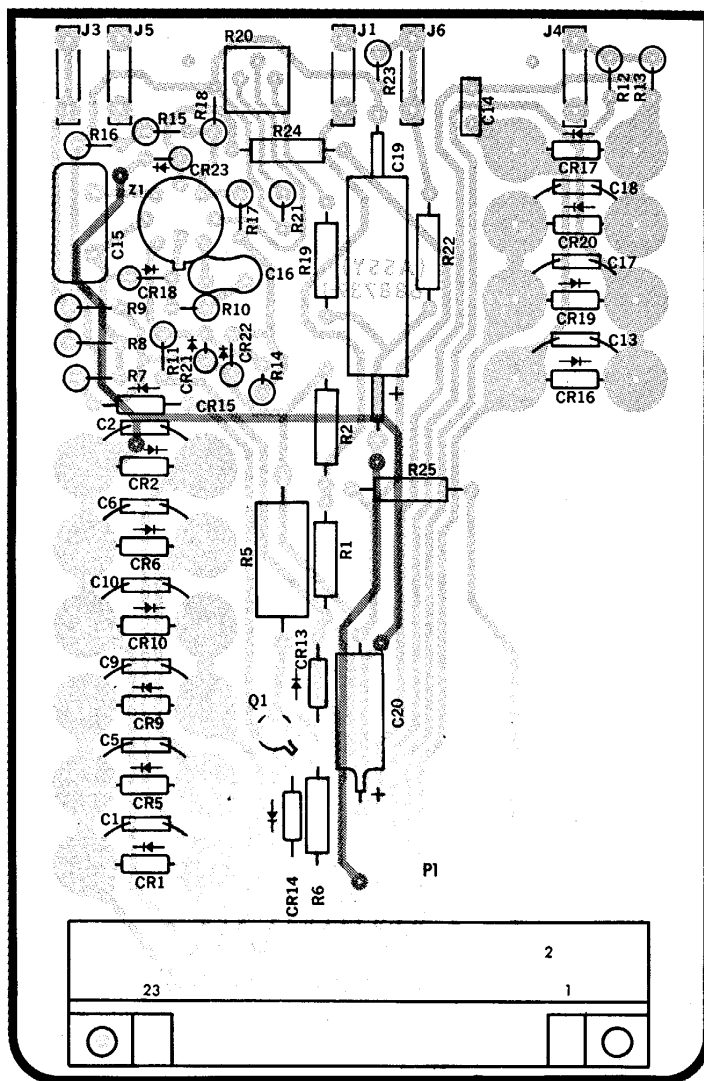
**OPERATIONAL AMPLIFIER (Z)**

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	R3	12	R20	18
C2	2	R4	13	R21	21
CR1	3	R5	11	R23	18
CR2	3	R6	11	R24	22
CR3	4	R7	14	R25	22
CR4	3	R8	15	R26	19
CR6	5	R11	16	R27	23
CR7	6	R12	11	R28	24
J1	7	R13	17	R29	25
K2	8	R14	18	R30	26
P1	9	R15	19	R31	27
Q1	10	R16	18	R32	26
Q2	10	R17	20	R33	28
R1	11	R18	21	Z1	29
R2	11				

NOTE. UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 4A2.

Figure 67. BIT, power supply



**LEGEND**

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1 1	CR5 6	J3 12	R12 18
C2 1	CR6 6	J4 13	R13 19
C5 1	CR9 6	J5 14	R14 26
C6 1	CR10 6	J6 15	R15 18
C9 1	CR13 7	P1 16	R16 19
C10 1	CR14 8	Q1 17	R17 26
C13 1	CR15 8	R1 18	R18 27
C14 1	CR16 6	R2 19	R19 28
C15 2	CR17 6	R5 20	R20 29
C16 3	CR18 8	R6 21	R21 30
C17 1	CR19 6	R7 21	R22 31
C18 1	CR20 6	R8 22	R23 32
C19 4	CR21 9	R9 23	R24 27
C20 5	CR22 10	R10 24	R25 19
CR1 6	CR23 9	R11 25	Z1 33
CR2 6	J1 11		

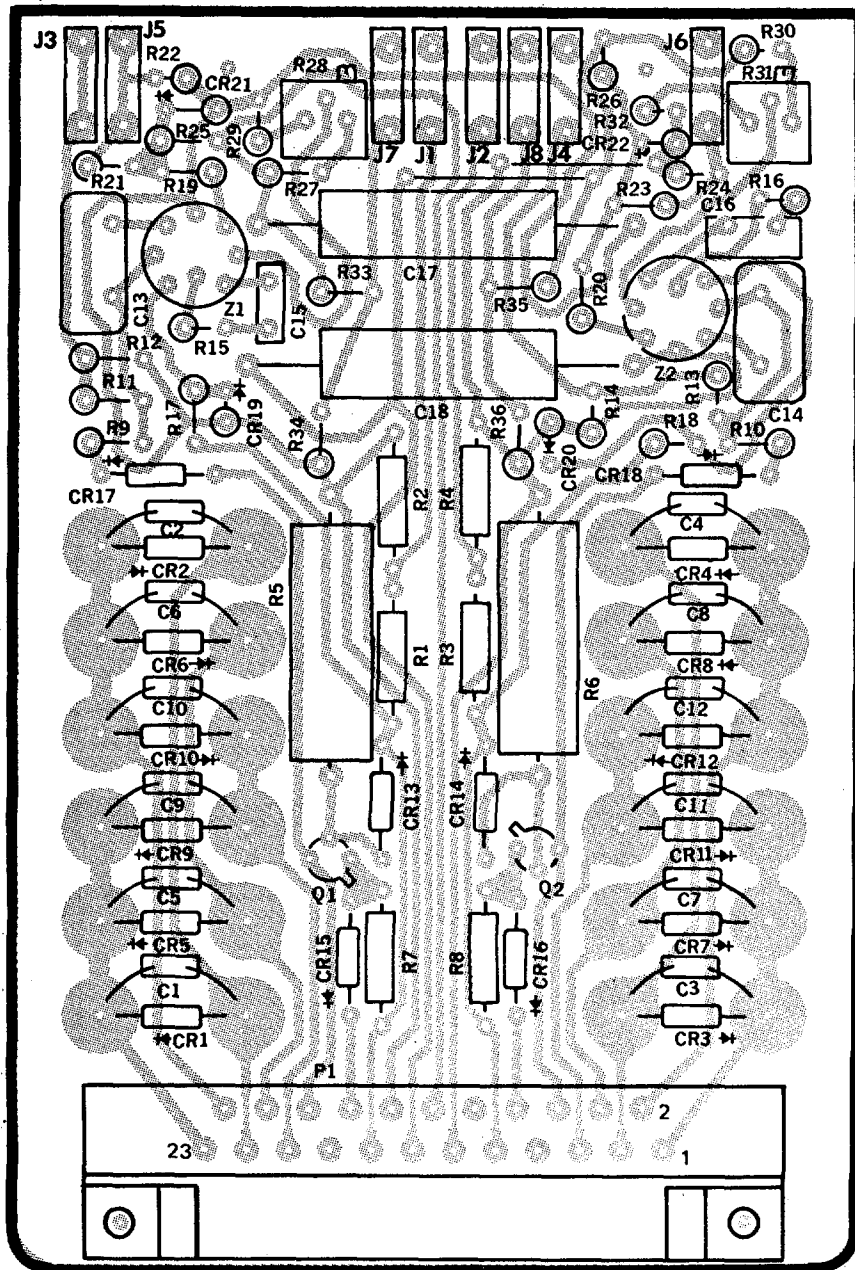
**NOTE: UNLESS OTHERWISE SPECIFIED**

1. LIGHT SHADING INDICATES ETCHED SIDE  
CIRCUIT PATTERN-DARK SHADING INDICATES  
COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION  
PREFIX WITH 4A3.

Figure 68. Regulator, + 6 and -6 Vac.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
69	8	PADZZ	5961-848-7007	1N968B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
69	9	PADZZ	5961-226-5134	1N938B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
69	10	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
69	11	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
69	12	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
69	13	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
69	14	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
69	15	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
69	16	PADZZ	5935-132-2309	M39024-11-10	81349	JACK, TIP	EA	1
69	17	PADZZ	5935-132-2308	M39024-11-09	81349	JACK, TIP	EA	1
69	18	PADZZ	5935-260-3336	SMD-2017423-31	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
69	19	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	2
69	20	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	5
69	21	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	5
69	22	PADZZ	5905-543-8861	RN75B1821F	81349	RESISTOR, FIXED, FILM	EA	2
69	23	PADZZ	5905-452-0773	RN60D8250F	81349	RESISTOR, FIXED, FILM	EA	2
69	24	PADZZ	5905-758-4840	RIN(OD1501F	81349	RESISTOR, FIXED, FILM	EA	4
69	25	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	2
69	26	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	2
69	27	PADZZ	5905-721-2387	RN60D6190F	81349	RESISTOR, FIXED, FILM	EA	2
69	28	PADZZ	5905-432-6411	RN60D3320F	81349	RESISTOR, FIXED, FILM	EA	6
69	29	PADZZ	5905-196-1020	RT24C2P5O1	81349	RESISTOR, VARIABLE	EA	2
69	30	PADZZ	5905-173-1622	RN60D1101F	81349	RESISTOR, FIXED, FILM	EA	2
69	31	PADZZ	5905-451-7534	RN60DO50OF	81349	RESISTOR, FIXED, FILM	EA	1
69	32	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 4A5 REGULATOR, +13 AND -13 VDC VIDEO	EA	2
70	1	PADZZ	5910-113-5499	CK06BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	12
70	2	PADZZ	5910-460-0869	CM05FD221JO3	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
70	3	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
70	4	PADZZ	5910-175-4623	CL21BL120TPE	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
70	5	PADZZ	5961-957-6865	1N3611	81349	SEMICONDUCTOR DEVICE, DIODE	EA	12
70	6	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
70	7	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
70	8	PADZZ	5961-848-7007	1N968B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
70	9	PADZZ	5961-226-5134	1N938B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
70	10	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
70	11	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
70	12	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
70	13	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
70	14	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
70	15	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
70	16	PADZZ	5935-132-2309	M39024-11-10	81349	JACK, TIP	EA	1



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	CR13	6	R10	24
C2	1	CR14	6	R11	25
C3	1	CR15	7	R12	26
C4	1	CR16	7	R13	25
C5	1	CR17	7	R14	26
C6	1	CR18	7	R15	24
C7	1	CR19	8	R16	24
C8	1	CR20	8	R17	27
C9	1	CR21	9	R18	27
C10	1	CR22	9	R19	28
C11	1	J1	10	R20	28
C12	1	J2	11	R21	20
C13	2	J3	12	R22	21
C14	2	J4	13	R23	20
C15	3	J5	14	R24	21
C16	3	J6	15	R25	28
C17	4	J7	16	R26	28
C18	4	J8	17	R27	28
CR1	5	P1	18	R28	29
CR2	5	Q1	19	R29	30
CR3	5	Q2	19	R30	28
CR4	5	Q3	20	R31	29
CR5	5	R2	21	R32	30
CR6	5	R3	20	R33	21
CR7	5	R4	21	R34	20
CR8	5	R5	22	R35	31
CR9	5	R6	22	R36	30
CR10	5	R7	23	Z1	32
CR11	5	R8	23	Z2	32
CR12	5	R9	24		

**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

TRANSISTOR (Q)

OPERATIONAL AMPLIFIER (Z)

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 4A4

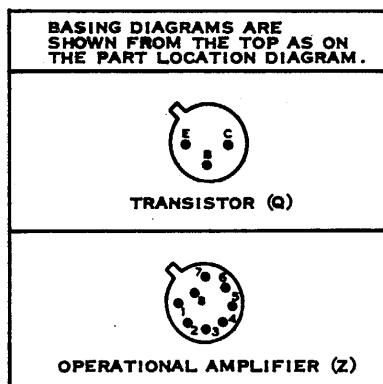
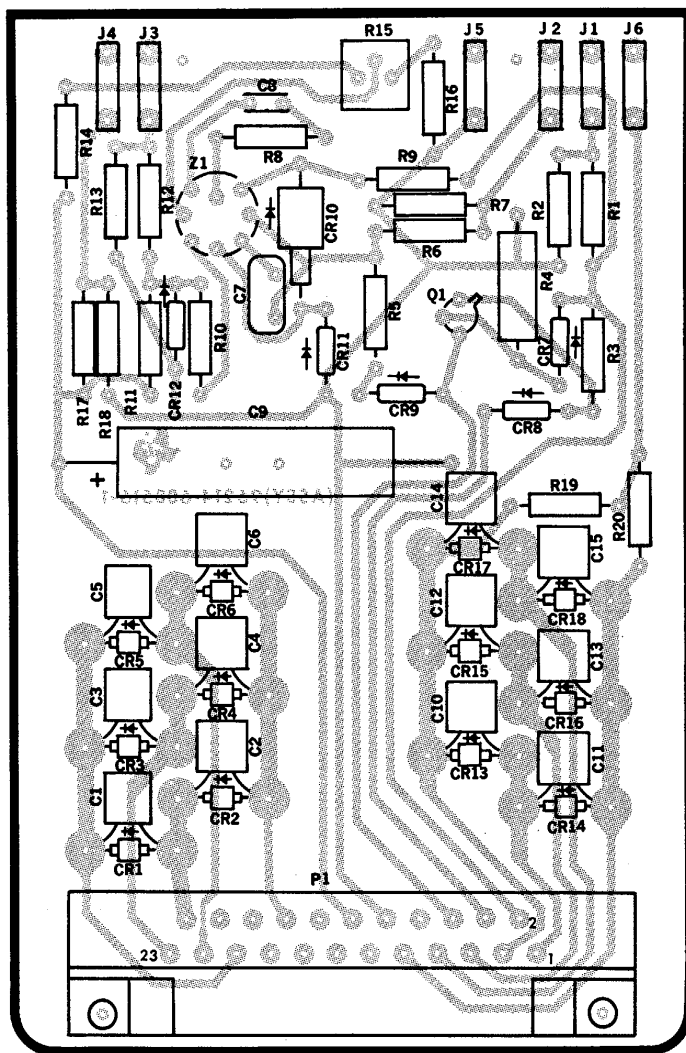
EL5850-241-34P-TM-69

Figure 69. Regulator, +13 and -13 Vdc



SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
70	17	PADZZ	5935-132-2308	M39024-11-09	81349	JACK, TIP	EA	1
70	18	PADZZ	5935-482-5119	SM-D-2017423-32	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
70	19	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	2
70	20	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	5
70	21	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	2
70	22	PADZZ	5905-432-6410	RN6D1LOO1F	81349	RESISTOR, FIXED, FILM	EA	5
70	23	PADZZ	5905-543-8861	RN75B1821F	81349	RESISTOR, FIXED, FILM	EA	2
70	24	PADZZ	5905-721-2387	RN60D6190F	81349	RESISTOR, FIXED, FILM	EA	4
70	25	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	2
70	26	PADZZ	5905-983-6914	RN60D1O02F	81349	RESISTOR, FIXED, FILM	EA	2
70	27	PADZZ	5905-758-4840	RN60D1501OF	81349	RESISTOR, FIXED, FILM	EA	2
70	28	PADZZ	5905-432-6411	RN60D3320F	81349	RESISTOR, FIXED, FILM	EA	6
70	29	PADZZ	5905-988-9232	RT24C2P501	81349	RESISTOR, VARIABLE	EA	2
70	30	PADZZ	5905-173-1622	RN60D1EO1F	81349	RESISTOR, FIXED, FILM	EA	2
70	31	PADZZ	5905-451-7534	RN60D750OF	81349	RESISTOR, FIXED, FILM	EA	1
70	32	PADZZ	5905-232-7791	RN60D150OF	81349	RESISTOR, FIXED, FILM	EA	1
70	33	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 4A6 REGULATOR, +30 AND -30 VDC	EA	2
71	1	PADZZ	5910-113-5499	CKO6BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	12
71	2	PADZZ	5910-460-0869	0105FD221JO3	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
71	3	PADZZ	5910-847-7288	CKO6BX1O3K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
71	4	PADZZ	5910-113-9513	CL21BN25OSPE	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
71	5	PADZZ	5961-723-3602	1N3612	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
71	6	PADZZ	5961-883-6064	1N749A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
71	7	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
71	8	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
71	9	PADZZ	5961-892-0919	1N3031B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
71	10	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
71	11	PADZZ	5961-892-0886	1N944B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
71	12	PADZZ	5961-762-0201	1N5550	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
71	13	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
71	14	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
71	15	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
71	16	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
71	17	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
71	18	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
71	19	PADZZ	5935-478-7348	SM-D-2017423-33	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
71	20	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
71	21	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	4
71	22	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	1
71	23	PADZZ	5905-452-0773	RN60D8250F	81349	RESISTOR, FIXED, FILM	EA	1
71	24	PADZZ	5905-057-5842	RW8OU3011F	81349	RESISTOR, FIXED, WIRFPOUND	EA	1
71	25	PADZZ	5905-789-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	2



**LEGEND**

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	CR1	CR17	R7
C2	CR2	CR18	R8
C3	CR3	J1	R9
C4	CR4	J2	R10
C5	CR5	J3	R11
C6	CR6	J4	R12
C7	CR7	J5	R13
C8	CR8	J6	R14
C9	CR9	P1	R15
C10	CR10	Q1	R16
C11	CR11	R1	R17
C12	CR12	R2	R18
C13	CR13	R3	R19
C14	CR14	R4	R20
C15	CR15	R5	Z1
	CR16	R6	

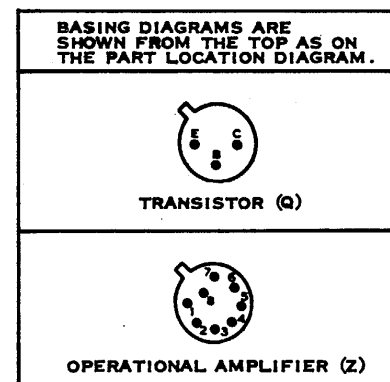
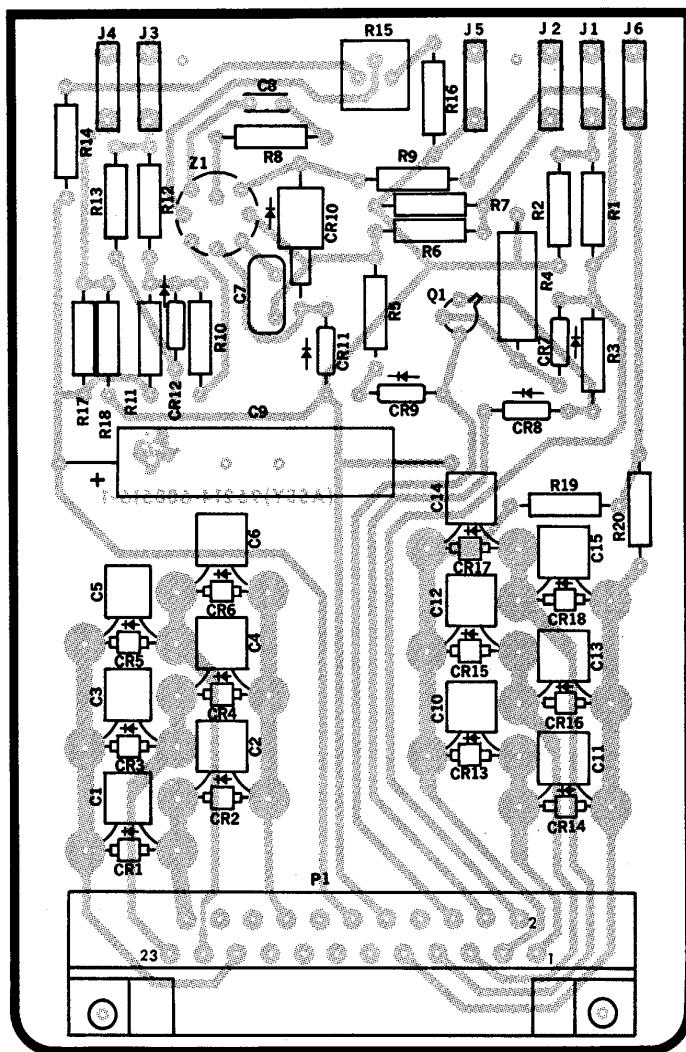
NOTE: UNLESS OTHERWISE SPECIFIED  
 1. LIGHT SHADING INDICATES ETCHED SIDE  
 CIRCUIT PATTERN-DARK SHADING INDICATES  
 COMPONENT SIDE PATTERN.  
 2. FOR COMPLETE REFERENCE DESIGNATION  
 PREFIX WITH 4A6(1A1A3),

E L5850-241-34P-TM-71

Figure 70. Regulator, + 13 and -13 Vdc Video.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
71	26	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	1
71	27	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1
71	28	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
71	29	PADZZ	5905-173-1622	RN60D101F	81349	RESISTOR, FIXED, FILM	EA	1
71	30	PADZZ	5905-988-2313	RN60D1211F	81349	RESISTOR, FIXED, FILM	EA	1
71	31	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	1
71	32	PADZZ	5905-988-9232	RT24C2P501	81349	RESISTOR, VARIABLE	EA	1
71	33	PADZZ	5905-261-7693	RN60D1621F	81349	RESISTOR, FIXED, FILM	EA	1
71	34	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 4A8 ASSEMBLY, POWER SUPPLY HEATSINK	EA	1
72	1	PADZZ	5961-069-2469	2N1724	81349	TRANSISTOR	EA	2
72	2	PADZZ	5961-069-2469	SM-D-2017413-2	80063	TRANSISTOR	EA	2
72	3	PADZZ	5910-938-7392	CSR13G125KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
72	4	PADZZ	5961-115-9923	2N3846	01295	TRANSISTOR	EA	3
72	5	PAFZZ		SM-C-2017384-12	80063	FAN, VANEAXIAL	EA	1
72	6	PADZZ	5961-923-3951	2N2151	81349	TRANSISTOR	EA	5
72	7	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	1
72	8	PADZZ	5905-192-3458	RN60D6812F	81349	RESISTOR, FIXED, FILM	EA	1
72	9	PADZZ	5961-226-8687	2N1772A	81349	TRANSISTOR	EA	1
72	10	PADZZ	5905-732-3878	RN60D20RROF	81349	RESISTOR, FIXED, FILM	EA	1
72	11	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	2
72	12	PADZZ	5905-988-2309	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	5
72	13	PADZZ	5935-490-8389	M24308-4-5	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
72	14	PADZZ	5905-267-9312	RE65G1R62	81349	RESISTOR, FIXED, WIREWOUND	EA	2
72	15	PADZZ	5905-763-9311	RN60D52R3F	81349	RESISTOR, FIXED, FILM	EA	3
72	16	PADZZ	5905-925-8834	RE65G1R10	81349	RESISTOR, FIXED, WIREWOUND	EA	1
72	17	PADDL	5920-222-9105	54-D-2018641	80063	REGULATOR, PROTECTION,	EA	1
72	18	PADZZ	5961-978-5966	1N1614	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
72	19	PADZZ	5910-113-5540	CK15BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC GROUP 4A8A1 PROTECTOR,	EA	6
73	1	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	3
73	2	PADZZ	5961-104-9898	2N3506	81349	TRANSISTOR	EA	3
73	3	PADZZ	5905-945-9463	RW70U3920F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
73	4	PADZZ	5905-491-4432	RW80U6190F	81349	RESISTOR, FIXED, WIREWOUND GROUP 4A9 ASSEMBLY, POWER SUPPLY TRANSFORMER	EA	2
74	1	PADZZ	5950-433-2442	SM-D-2018651	80063	TRANSFORMER, POWER, 3 PHASE	EA	1
74	2	PADZZ	5950-480-7690	SM-D-2018652	80063	TRANSFORMER, POWER	EA	1
74	3	PADZZ	5950-433-2444	SM-D-2018649	80063	TRANSFORMER, POWER	EA	1
74	4	PADZZ	5950-433-2445	SM-D-2018656	80063	TRANSFORMER, POWER	EA	1
74	5	PADZZ	5950-433-2443	SM-D-2018648	80063	TRANSFORMER, POWER, STEP DOWN	EA	1
74	6	PAHZZ	5935-490-8389	M24308-4-5	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
74	7	PADZZ	5950-433-2441	SM-D-2018650	80063	TRANSFORMER, POWER, 3 PHASE	EA	1
74	8	PADZZ	5950-433-2446	SM-D-2019554-1	80063	REACTOR, CHOKE ASSEMBLY FILTER	EA	1



LEGEND

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	CR1	CR17	R7
C2	CR2	CR18	R8
C3	CR3	J1	R9
C4	CR4	J2	R10
C5	CR5	J3	R11
C6	CR6	J4	R12
C7	CR7	J5	R13
C8	CR8	J6	R14
C9	CR9	P1	R15
C10	CR10	Q1	R16
C11	CR11	R1	R17
C12	CR12	R2	R18
C13	CR13	R3	R19
C14	CR14	R4	R20
C15	CR15	R5	Z1
	CR16	R6	

NOTE: UNLESS OTHERWISE SPECIFIED  
 1. LIGHT SHADING INDICATES ETCHED SIDE  
 CIRCUIT PATTERN-DARK SHADING INDICATES  
 COMPONENT SIDE PATTERN.  
 2. FOR COMPLETE REFERENCE DESIGNATION  
 PREFIX WITH 4A6(1A1A3),

E L5850-241-34P-TM-71

Figure 71. Regulator, + 30 and -30 Vdc.  
 2-135

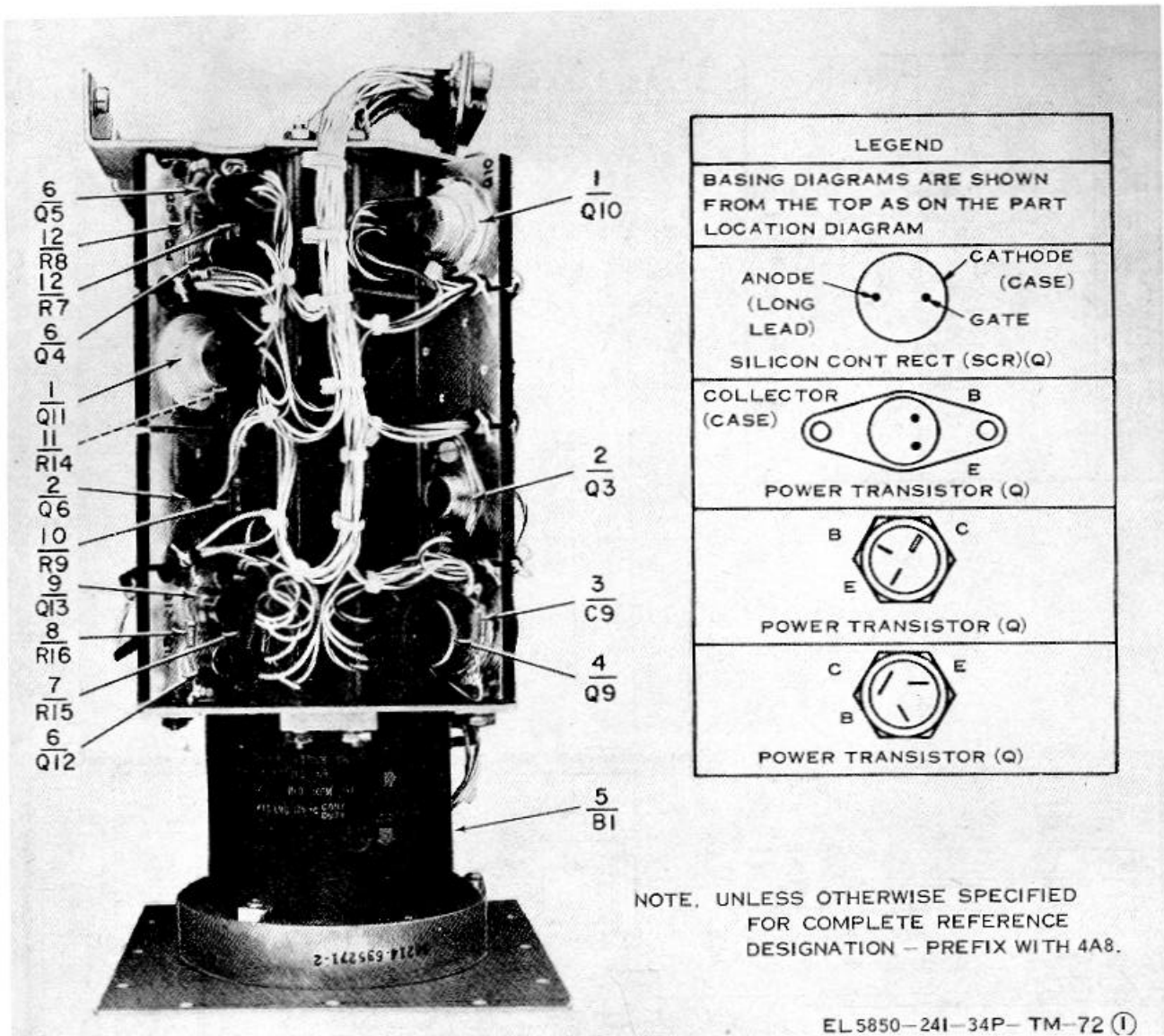


Figure 72 (1). Power supply heatsink assembly (sheet 1 of 2)

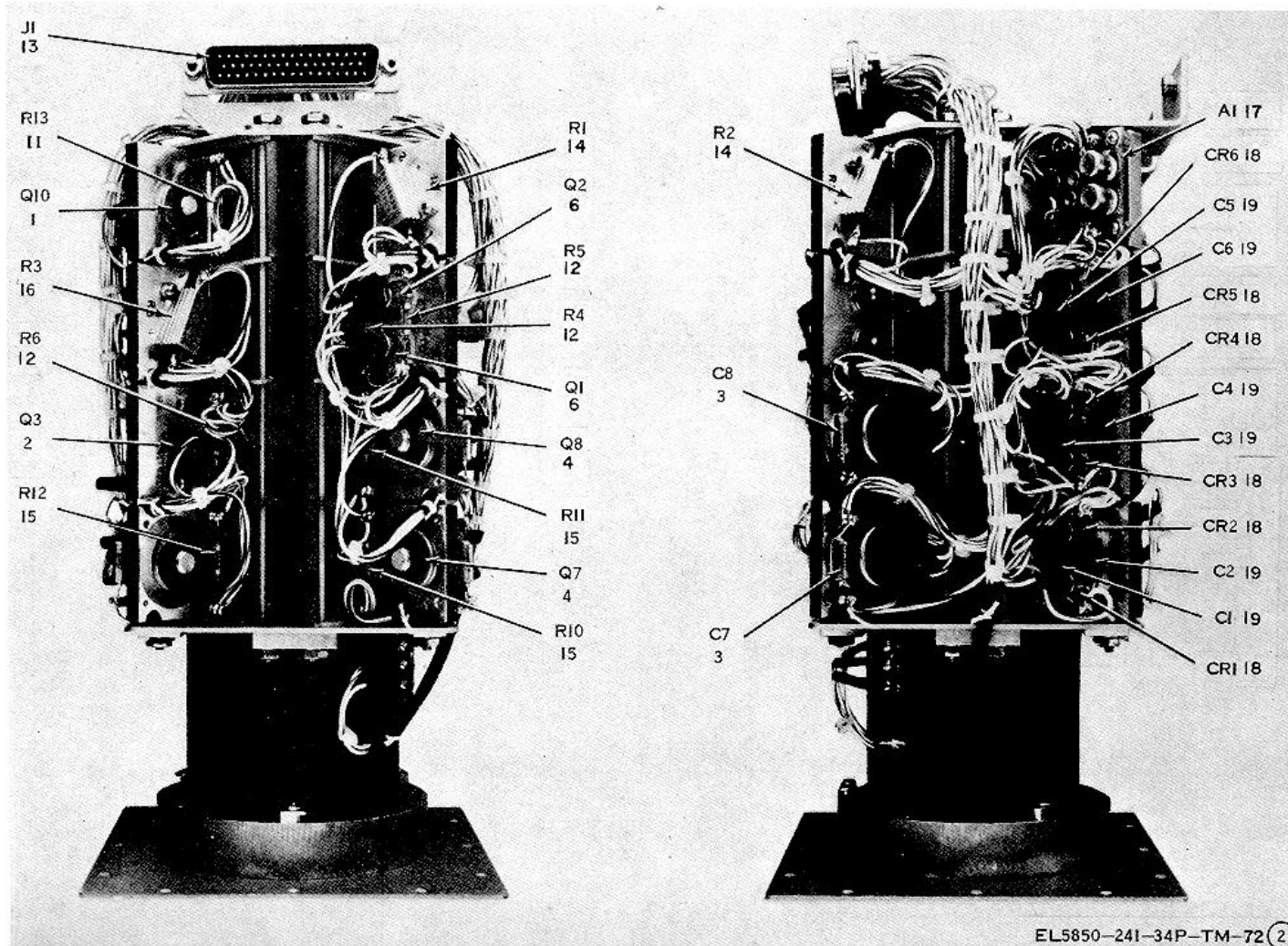
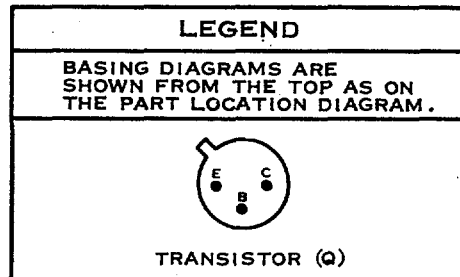
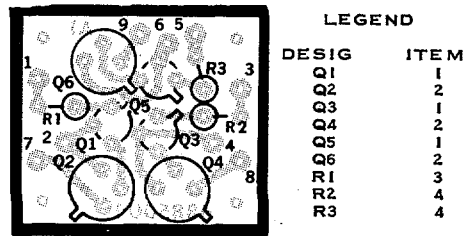


Figure 72 (2). Power supply heatsink assembly (sheet 2 of 2 )



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE  
CIRCUIT PATTERN-DARK SHADING INDICATES  
COMPONENT SIDE PATTERN
2. FOR COMPLETE REFERENCE DESIGNATION  
PREFIX WITH 4A8A1

EL5850-241-34P-TM-73

Figure 73. Protector, overvoltage.

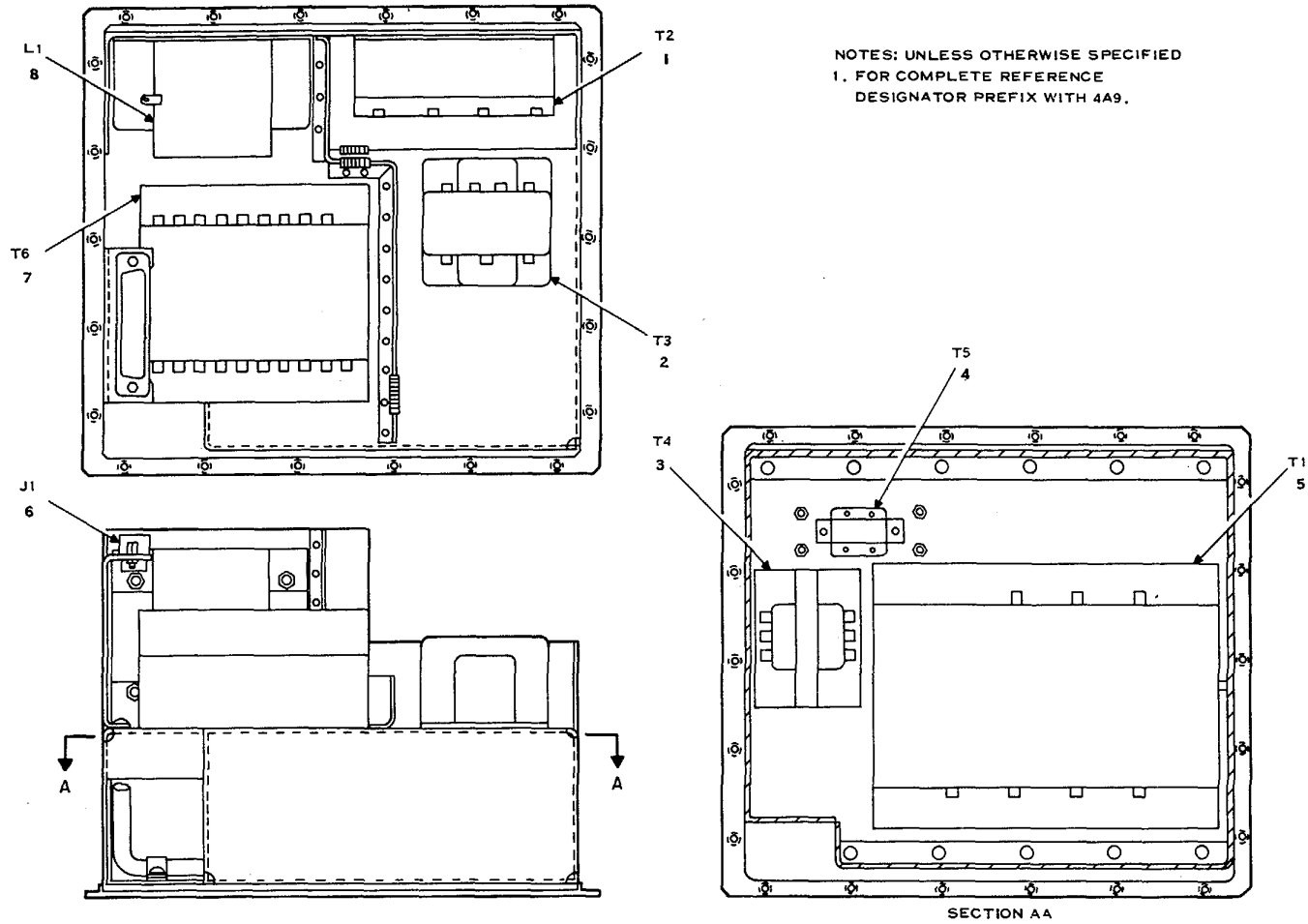
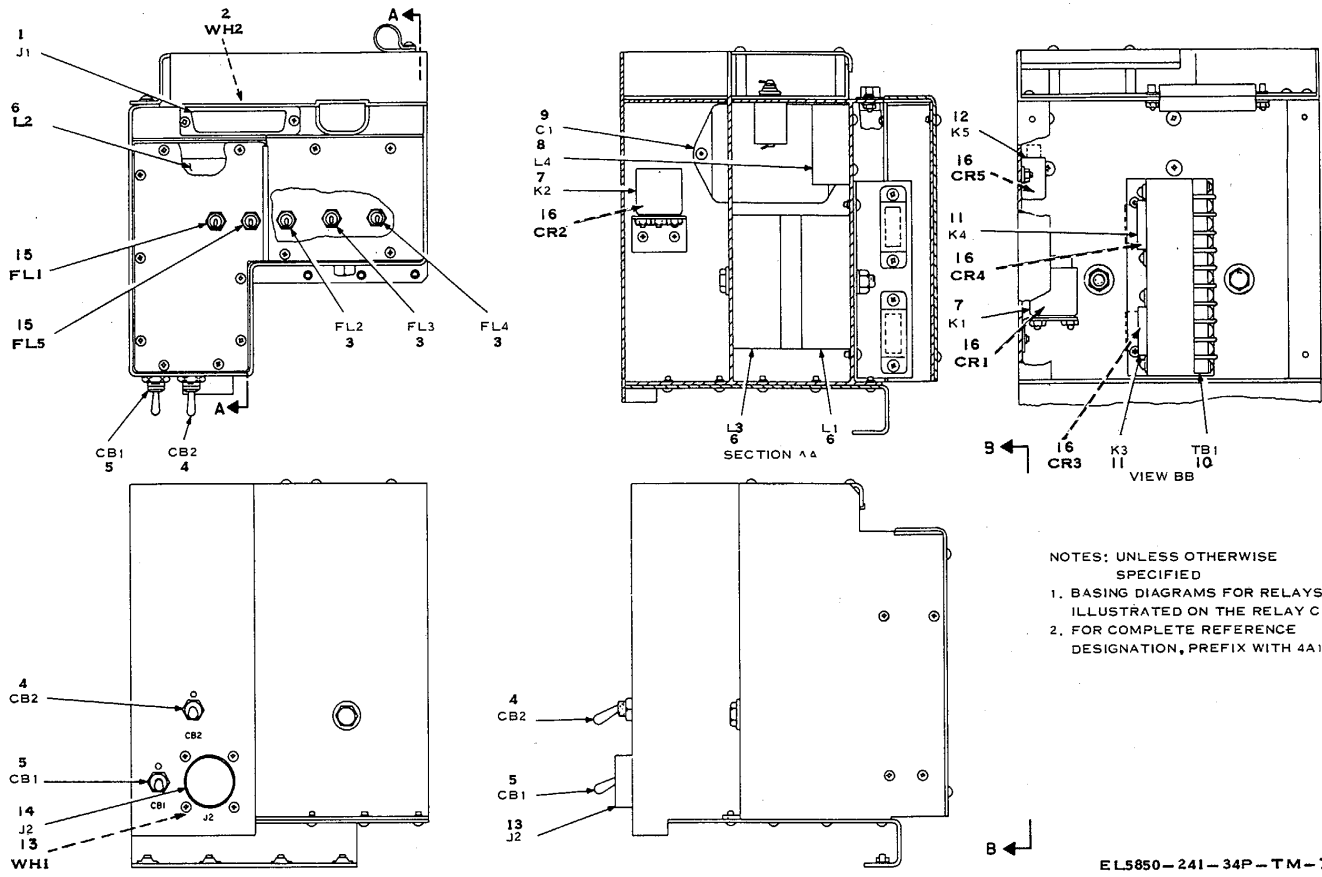


Figure 74. Power supply transformer assembly.



SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
						GROUP: 4A10 ASSEMBLY, POWER SUPPLY LINE FILTER		
75	1	PADZZ	5935-489-1997	M24308-2-5	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
75	2	XBDZZ		SM-D-2019653	80063	WIRING HARNESS, NO 2 LINE FILTER	EA	1
75	3	PADZZ	5915-189-3150	SM-C-2019838-1	80063	FILTER, LOW PASS	EA	3
75	4	PADZZ	5925-811-0170	M39019-1-52	81349	CIRCUIT BREAKER	EA	1
75	5	PADZZ	5925-762-2258	M39019-5-60	81349	CIRCUIT BREAKER	EA	1
75	6	PADZZ	5950-155-0733	SM-D-2019848-1	80063	INDUCTOR, POWER	EA	3
75	7	PADZZ	5945-102-6139	SM-D-2017401-8	80063	RELAY, ARMATURE	EA	2
75	8	PADZZ	5950-433-2451	SM-D-2019846-1	80063	INDUCTOR POWER	ER	1
75	9	PADZZ	5910-420-3400	SM-D-2019712-1	80063	CAPACITOR, POWER	EA	1
75	10	PADZZ	5940-983-6050	37TB9	81349	TERMINAL BOARD	EA	1
75	11	PADZZ	5945-226-5241	MS27401-1	96906	RELAY, POLARIZED	EA	2
75	12	PADZZ	5945-060-1365	M5757-10-035	81349	RELAY, ARMATURE	EA	1
75	13	XBDZZ		SM-D-2019705	80063	WIRING HARNESS, NO 1, LINE FILTER	EA	1
75	14	PADZZ	5935-719-5452	MS3122E18-11P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
75	15	PADZZ	5915-155-0596	SM-C-2019803-1	80063	FILTER, LOW PASS	EA	2
75	16	PADZZ	5961-899-8173	1N647	81349	SEMICONDUCTOR DEVICE, DIODE	EA	5
						GROUP 4A11 POWER SUPPLY COIPONENT SHELF ASSEMBLY		
76	1	PADZZ	5910-420-7236	CL17BM451APG	81349	CAPACITOR, FIRED ELECTROLYTIC	EA	1
76	2	PADZZ	5905-984-7679	RN60D1213F	81349	RFSISTOR, FIXED, FILM	EA	3
76	3	PADZZ	5905-952-5001	RE60G1O01	81349	RESISTOR, FIXED, WIRE WOUND	EA	1
76	4	PADZZ	5910-107-2561	CL17BK351MPG	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
76	5	PADZZ	5950-432-7333	SM-D-2018622	80063	INDUCTOR	EA	1
76	6	PADZZ	5950-470-1441	SM-D-2018620	80063	REACTOR, 12 IMTT THFNFTFS	EA	2
76	7	PADZZ	5905-139-9769	RE60G2R61	81349	RESISTOR, FIXED, WIREWOUND	EA	1
76	8	PADZZ	5905-139-9770	RE60G2R74	81349	RESISTOR, FIXED, WIREWOUND	EA	1
76	9	PADZZ	5950-470-1442	SMD-2018621	80063	REACTOR, 2 75 MILLIHENRIES	EA	2
76	10	PADZZ	5910-445-6804	CL17BH651IPG	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
76	11	PADZZ	5905-947-0897	RE60O10RO	81349	RESISTOR, FIXED, WIREWOUND	EA	1
76	12	PADZZ	5910-136-3715	CL17N1121MPG	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
76	13	PADZZ	5905-472-0268	RE6006R81	81349	RESISTOR, FIXED, WIREWOUND	EA	1
76	14	PADZZ	5945-758-4024	M19648-1-008	81349	RELAY, THEBIALTIME DELAY	EA	1
76	15	PADZZ	5945-721-3280	M19648-1-080	81349	RELAY, THERIIALTD,E DELAY	EA	1
76	16	PADZZ	5935-490-8389	M24308-4-5	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
						GROUP 5 COOPRESSOR, ROTARY HD-841/AAS-24		
77	1	PAFZZ	4130-222-9097	C3850044	31949	HOSE, ASSEMBLY, FLEX, GAS RETURN	EA	1
77	2	PAFZZ	4130-222-9098	C3850070	31949	HOSE, ASSDEBLY, FLEX, GAS RETURN	EA	1
77	3	PADZZ	4130-222-9115	B3821029	31949	FLOW RESTRICTOR ASSEMBLY	EA	1
77	4	PAFDD	4130-222-9114	C3850046	31349	COMPRESSOR	EA	1
77	5	PAFZZ	5850-201-3634	B3850085	31949	PRESSURE TAP RFTURN	EA	1
77	6	PAFZZ	5330-021-4164	539063-2	96214	GASKET HELIUM SMALL	EA	1
77	7	PAFDD	4130-222-9104	D3850067	31949	OIL SEPARATOR ASSEMBLY	EA	1



NOTES: UNLESS OTHERWISE SPECIFIED  
 1. BASING DIAGRAMS FOR RELAYS ILLUSTRATED ON THE RELAY CASE  
 2. FOR COMPLETE REFERENCE DESIGNATION, PREFIX WITH 4A10

E L5850-241-34P-TM-75

Figure 75. Power supply line filter assembly.

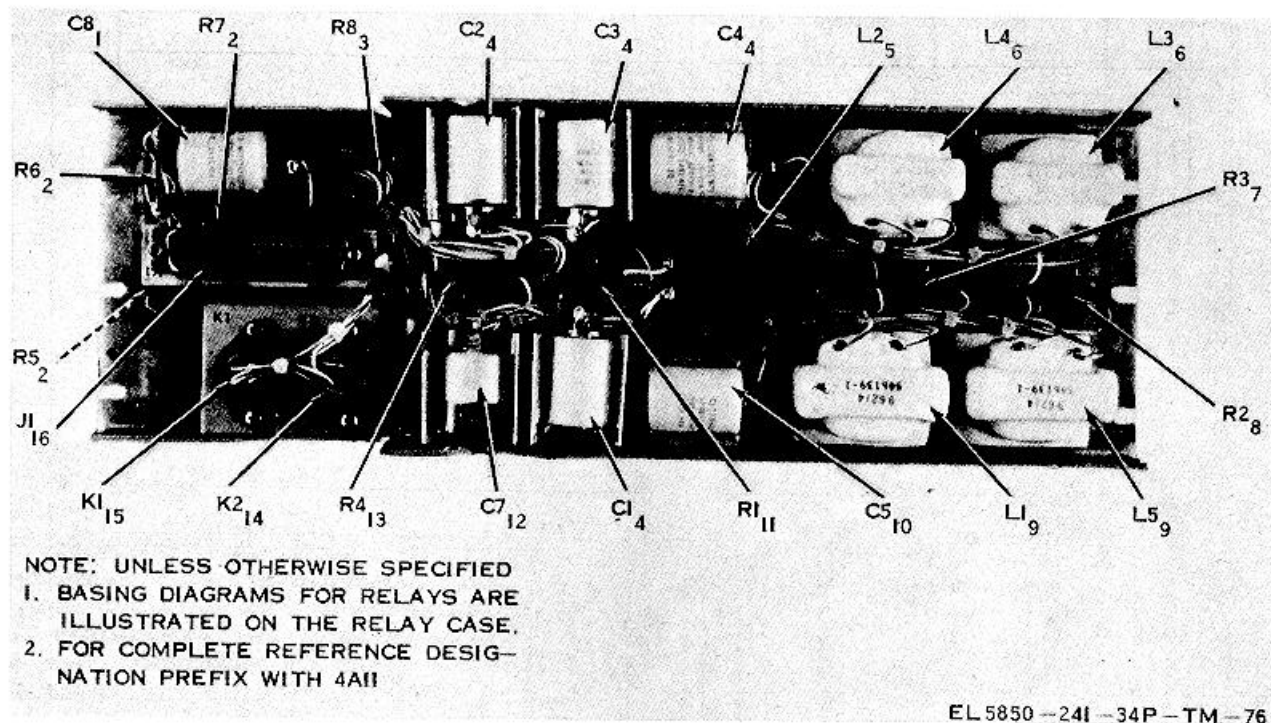
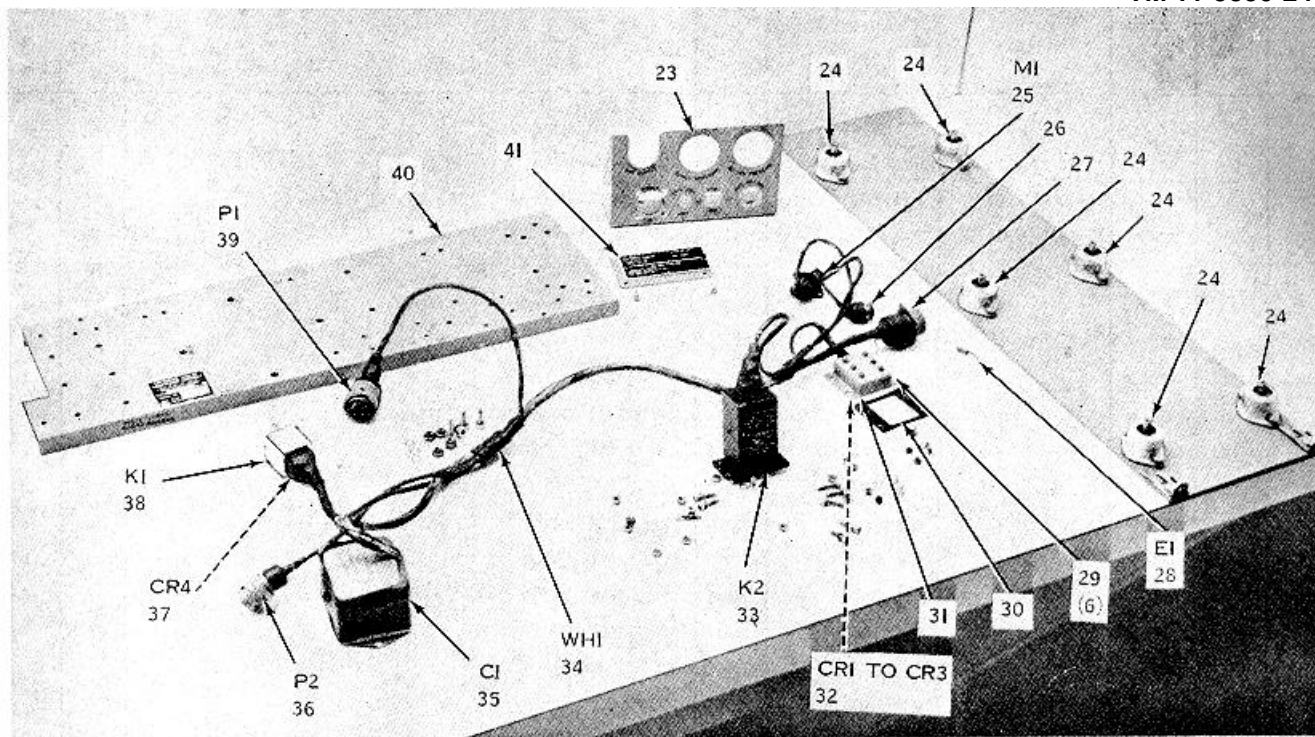


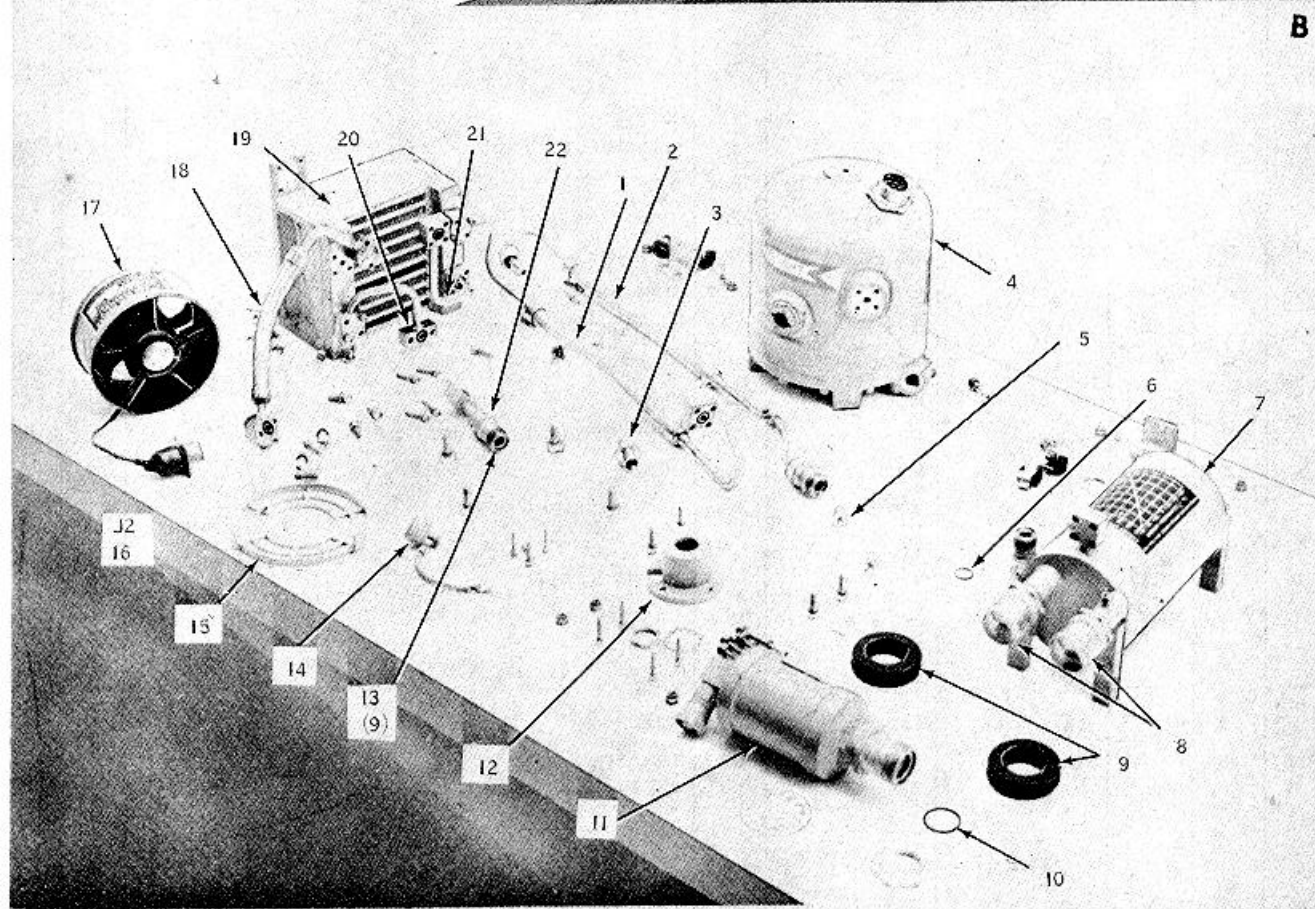
Figure 76. Power supply component shelf assembly

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
77	8	PAFZZ	6685-689-3424	G2744-400	03936	GAGE, PRESSURE	EA	2
77	9	PAFZZ	5325-174-9340	AN931A162	88044	GRCMET RUBBER	EA	2
77	10	PAFZZ	5330-281-2877	539063-1	96214	GASKET HELIUM LARGE	EA	1
77	11	PAFZZ	4130-222-9113	B3821036G1	31349	ABSORBER ASSEMBLY	EA	1
77	12	XBFZZ		B3821020	31949	ABSORBER SUPPORT	EA	1
77	13	PAFZZ	5330-469-8285	2-1OE515-8	83259	PACKING PREFORMED	EA	2
77	14	XBFZZ		B3850053	31949	CAP, DUST, ASSEMBLY	EA	1
77	15	XBFZZ		R3821040	31949	GUARD, FAN	EA	1
77	16	PAFZZ	5935-004-6810	MS3110E10-6P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
77	17	PAFZZ	4140-034-7482	PROPLAX3B387JS	82817	FAN ASSEMBLY, COMPRESSOR	EA	1
77	18	PAFZZ	4130-222-9116	B3850034	31949	HOSE ASSEMBLY FLEX AFTER-COOLER	EA	1
77	19	PAFDD	4130-222-9119	D3850008	31949	HEAT EXCHANGER	EA	1
77	20	PADZZ	4130-222-9124	B3850073	31949	LINE, INTER-COOLER	EA	1
77	21	PADZZ	4130-222-9123	B3850075	31949	LINE, AFTER-COOLER	EA	1
77	22	PAFZZ	4130-222-9101	B3821066	31949	OIL/GAS CHARGING FITTING	EA	1
77	23	XBFZZ		A3850052	31949	BRACKET SUPPORT	EA	1
77	24	PAFZZ	5340-304-4547	B3850107	31949	ISOLATOR	EA	6
77	25	PAFZZ	6645-255-1371	MS17322-6A	96906	METER, TIME, TOTALIZING	EA	1
77	26	PAFZZ	4130-222-9125	A3850040	31949	FAULT DETECTOR	EA	1
77	27	PAFZZ	5935-902-0383	MS3110E14-15P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
77	28	PAFZZ	5940-495-0997	MSR18905	96906	TERMINAL LUG	EA	1
77	29	PAFZZ	5940-935-8222	SE181EO1	81349	TERMINAL STUD	EA	6
77	30	XBFZZ		A3850054	31949	GASKET, COVER	EA	1
77	31	XBFZZ		B3850055	31949	COVER, DIODE	EA	1
77	32	PADZZ	5961-899-8173	1N647	81349	SFMT iUH DEVICE,DIODE	EA	3
77	33	PAFZZ	5945-409-9095	GSE22-511-0005	24727	RELAY, PHASE SENSING	EA	1
77	34	ADFDD		D3850059	31949	WIRING HARNESS ASSEMBLY	EA	1
77	35	PAFZZ	5910-420-3400	P93732	56289	CAPACITOR POWER-FACTOR CORRECT	EA	1
77	36	PAFZZ	5935-958-8462	MS3116E10-6S	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
77	37	PAFZZ	5961-702-3435	1N3600	81349	SMIECONDUCTOR DEVICE,DIODE	EA	1
77	38	PAFZZ	5945-509-2831	MS27400-1	96906	RELAY	EA	1
77	39	PAFZZ	5935-975-4139	MS3116E14-12S	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
77	40	XBFZZ		C03850028	31949	PANEL, ELECTRICAL	EA	1
77	41	XBFZZ		A3417069	31949	NAMEPLATE, COMPRESSOR	EA	1
77	42	PAFZZ	4730-613-9862	5400-S5-8	00624	CONNECTOR	EA	2
77	43	PAFZZ	4720-432-7287	SM-C-2019778	80063	LINE, SUPPLY	EA	1
77	44	PAFZZ	4730-272-9076	5400-524	00624	CONNECTOR	EA	2
77	45	PAFZZ	4730-410-4522	5400-S5-4	00624	CONNECTOR	EA	1
77	46	PAFZZ	4720-432-7286	5W-C-2019779	80063	LINE, RETURN	EA	1
						GROUP: 6 CASE FILM MAGAZINE CY-6665/AAS-24(REFER TO FIG 1)		
						GROUP: 7 CONVERTER SUBASSEMBLY MK-8358/AAS-24		
78	1	PAFDD	5850-197-1767	SM-E-2018716	80063	HEATSINK ASSEMBLY	EA	1
78	2	PAFZZ	5935-410-9250	M24308-2-3	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	2



B



A

Figure 77 (1). Compressor, rotary HD-841/AAS-24 (sheet 1 of 2).  
2-144

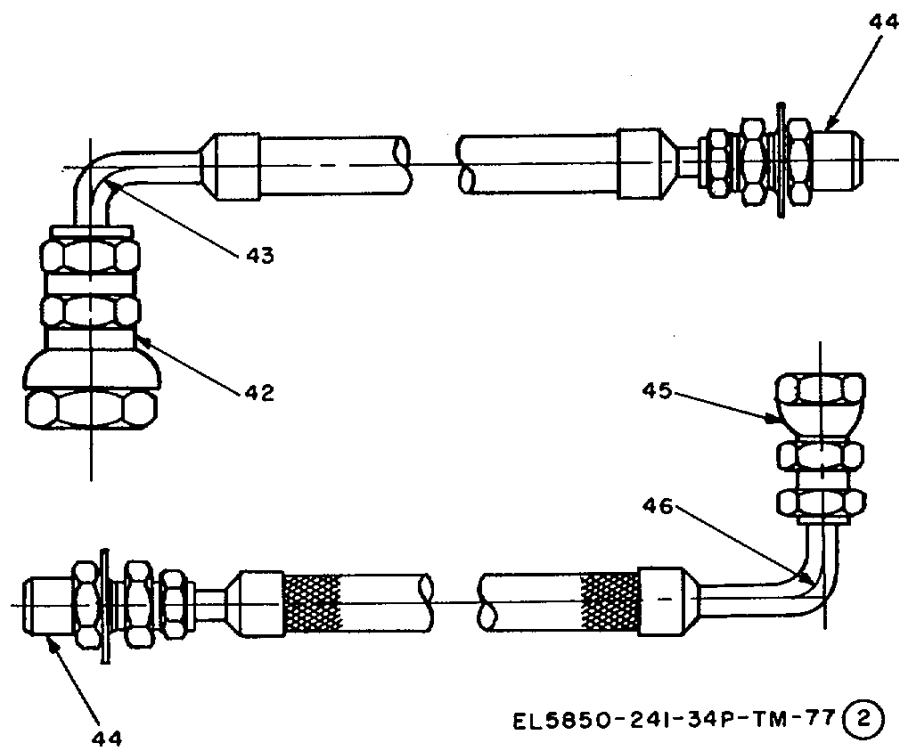


Figure 77 (2). Compressor, rotary HD-841/AAS-24 (sheet 2 of 2).

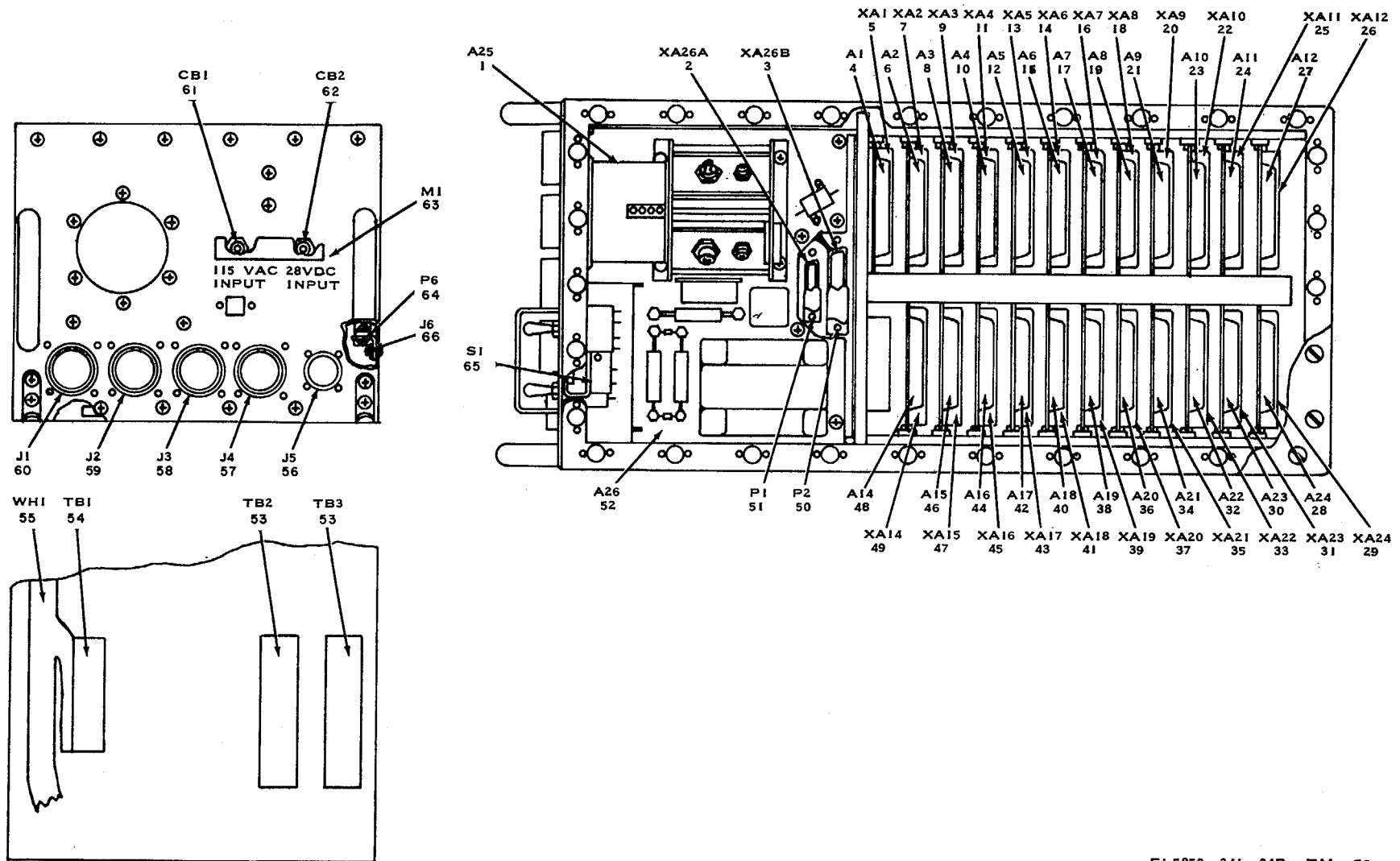
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
78	3	PAFZZ	5935-976-5425	M24308-2-4	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
78	4	PAFDD	5850-449-0640	S4-D-2018721	80063	POWER SUPPLY ASSEMBLY, +250 VDC	EA	1
78	5	PADZZ	5935-256-8956	SM-D-2017452-36	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	6	PAFDD	5850-449-0629	SM-D-2018724	80063	POWER SUPPLY, +150 VDC	EA	1
78	7	PADZZ	5935-497-0931	SM-D-2017452-37	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	8	PAFDD	5850-409-0642	SM-D-2018727	80063	POWER SUPPLY ASSEMBLY, +15 VDC	EA	1
78	9	PADZZ	5935-256-8959	SM-D-2017452-38	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	10	PAFDD	5850-449-0619	S9-D-2018730	80063	POWER SUPPLY, -15 VDC	EA	1
78	11	PADZZ	5935-689-1885	SM-D-2017452-39	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	12	PAFDD	5850-449-0615	SM-D-2018733	80063	POWER SUPPLY ASSEMBLY	EA	1
78	13	PADZZ	5935-497-0933	SM-D-2017452-40	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	14	PADZZ	5935-242-2060	SM-D-2017452-41	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	15	PAFDD	5850-449-0625	SM-D-2018736	96214	FILAMENT SUPPLY ASSEMBLY, STORAGE	EA	1
78	16	PADZZ	5935-483-4106	SM-D-2017452-42	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	17	PAFDD	5850-197-6321	SM-D-2018739	80063	PROTECTOR ASSEMBLY, STORAGE TUBE	EA	1
78	18	PADZZ	5935-243-8474	SM-D-2017452-43	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	19	PAFDD	5850-252-5733	S5-D-2018742	80063	ADDER, WRITE HORIZONTAL SCREW	EA	1
78	20	PADZZ	5935-243-8475	SM-D-2017452-44	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	21	PAFDD	5850-409-4081	SM-D-2018745	80063	GENERATOR ASSEMBLY, SWEEP, HORIZONTAL WRITE	EA	1
78	22	PADZZ	5935-405-7596	SM-D-2017452-45	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	23	PAFDD	5850-409-4078	SM-D-2018748	81349	GENERATOR, SWEEP, VERTICAL, ERASE	EA	1
78	24	PAFDD	5850-409-4079	SM-D-2018751	80063	GENERATOR, SWEEP, VERTICAL, WRITE	EA	1
78	25	PADZZ	5935-243-8486	SM-D-2017452-46	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	26	PADZZ	5935-243-8489	SM-D-2017452-47	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	27	PAFDD	5850-407-7048	SM-D-2018754	80063	GENERATOR, PULSE, V/H CLOCK	EA	1
78	28	PAFDD	5850-449-0612	S5-D-2018787	80063	OSCILLATOR ASSEMBLY 100 KHz	EA	1
78	29	PADZZ	5935-243-8505	SM-D-2017452-58	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	30	PAFDD	5850-409-8106	SM-D-2018784	80063	GENERATOR ASSEMBLY,	EA	1
78	31	PADZZ	5935-243-8504	SM-D-2017452-57	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	32	PAFDD	5850-160-1699	SM-D-2018781	80063	GENERATOR, ,TN, I./., H VERTICAL, READ	EA	1
78	33	PADZZ	5935-243-8501	SM-D-2017452-56	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	34	PAFDD	5850-433-2354	SM-D-2018778	80063	GENERATOR ASSEMBLY, SWEEP, VERTICAL, READ	EA	1
78	35	PADZZ	5935-243-8498	SM-D-2017452-55	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	36	PAFDD	5850-242-5741	SM-D-2018775	80063	SIMULATOR ASSEMBLY	EA	1
78	37	PADZZ	5935-483-4108	SM-D-2017452-54	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	38	PAFDD	5850-449-0691	SM-D-2018772	80063	INTERFACE, VIDEO	EA	1
78	39	PADZZ	5935-242-2064	SM-D-2017452-53	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	40	PAFDD	5850-449-0707	54-D-2018769	80063	INTERFACE, ,r- N/H	EA	1
78	41	PADZZ	5935-242-2062	541-D-2017452-52	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	42	PAFDD	5850-408-2590	54-D-2018766	80063	AMPLIFIER ASSEMBLY,VIDEO, WRITE	EA	1
78	43	PADZZ	5935-243-8494	SM-D-2017452-51	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	44	PAFDD	5850-477-9947	SM-D-2018763	80063	LOGIC, AUXILIARY DEFLECTION	EA	1
78	45	PADZZ	5935-243-8493	SM-D-2017452-50	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
78	46	PAFDD	5850-409-4080	SM-D-2018760	80063	GENERATOR ASSEMBLY, DITHER	EA	1
78	47	PADZZ	5935-243-8492	SM-D-2017452-49	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	48	PAFDD	5850-477-9948	SM-D-2018757	80063	LOGIC ASSEMBLY, BUILT-IN-TEST	EA	1
78	49	PADZZ	5935-472-0277	SM-D-2017452-48	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	50	PAFZZ	5935-410-9252	M24308-4-4	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	51	PAFZZ	5935-489-9999	M24308-4-3	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
78	52	AHFHD	SM-D-2018706		80063	COMPONENTS TRAY ASSEMBLY	EA	1
78	53	PAFZZ	5940-983-6051	37TB1	81349	TERMINAL BOARD	EA	1
78	54	PAFZZ	5940-983-6048	37TB7	81349	TERMINAL BOARD	EA	1
78	55	ADDDL	SM-E-2019666		80063	WIRING HARNESS, BRANCHED, CONVENIECE	EA	1
78	56	PAFZZ	5935-766-7964	MIS3122E14-12P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
78	57	PAFZZ	5935-147-9408	SM-D-2017433-18	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
78	58	PAFZZ	5935-452-0594	SM-D-2017433-14	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
78	59	PAH2Z	5935-765-8573	MS3122E22-55SN	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
78	60	PAH7Z	5935-726-7074	MS3122E22-55S	96906	CONNFCUTOR, RECEPTACLE, ELECTRICAL	EA	1
78	61	PAF7Z	5925-118-1098	M39019-1-32	81349	CIRCUIT BREAKER	EA	1
78	62	PAF?Z	5925-762-2258	M39019-5-60	81349	CIRCUIT BREAKER	EA	1
78	63	PAFZZ	6645-255-1371	MS17322-6A	96906	MIETER, TIME TOTALIZING	EA	1
78	64	PAFZZ	5935-490-5220	M24308-2-2	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
78	65	PAHZZ	5930-579-8144	MS16106-1	96906	SWITCH, SENSITIVE INTERLOCK	EA	1
78	66	PAD?Z	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL GROUP 7A1 POWER SUPPLY +250 VDC	EA	1
79	1	PADZZ	5910-010-8331	CU13CS270SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
79	2	PADZZ	5910-964-6513	CA05ED620J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
79	3	PADZZ	5910-838-8947	CM06FD152J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
79	4	PADZZ	5910-024-0386	CU13CQ8R2SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
79	5	PADZZ	5961-894-0684	1N758A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
79	6	PADZZ	5961-985-4487	1N3047B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
79	7	PADZZ	5961-865-9228	1N3048B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
79	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
79	9	PADZZ	5961-892-0919	1N3031B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
79	10	PADZZ	5961-892-0886	1N944B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
79	11	PADZZ	5961-899-8173	1N647	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
79	12	PADZZ	SM-D-2017423-34		80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
79	13	PADZZ	5961-022-5670	2N3439	81349	TRANSISTOR	EA	3
79	14	PADZZ	5961-458-9516	SM-D-2017378-1	80063	TRANSISTOR	EA	1
79	15	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
79	16	PADZZ	5905-924-3607	RW74U30R1F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
79	17	PADZZ	5905-189-2454	RN60D10O004F	81349	RFSISTOR, FIXED, FILM	EA	4
79	18	PADZZ	5905-195-6384	RN60D3012F	81349	RESISTOR, FIXED, FILM	EA	1
79	19	PADZZ	5905-988-2310	RN60D1LOOF	81349	RESISTOR, FIXFD, FILM	EA	2
79	20	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
79	21	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	2



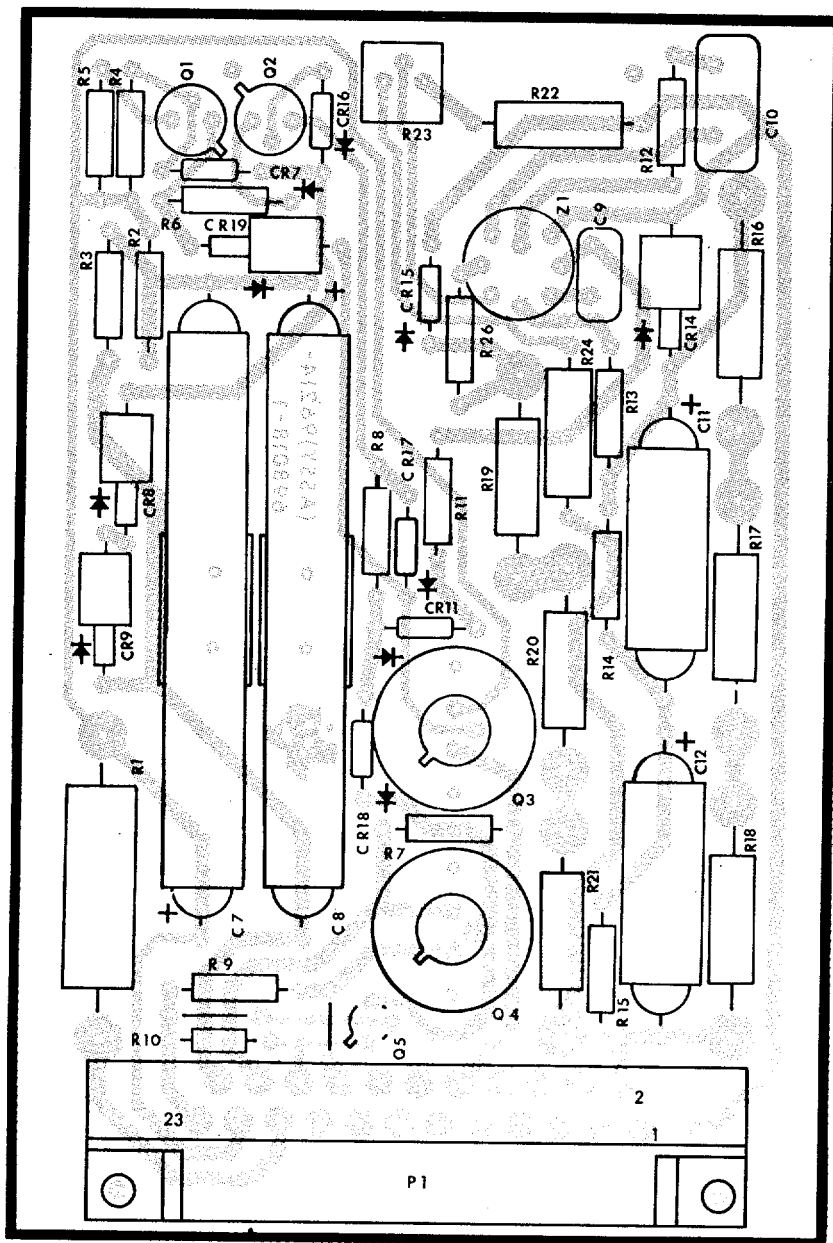


EL5850-241-34P-TM-78

Figure 78. Converter subassembly MK-8358/AAS-24.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
79	22	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FILM	EA	1
79	23	PADZZ	5905-260-3349	RW81U2R43F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
79	24	PADZZ	5905-789-2467	RN60D3011F	81349	RESISTOR, FIXFD, FILM	EA	1
79	25	PADZZ	5905-758-4840	RN6OD1501F	81349	RESISTOR, FIXED, FILM	EA	1
79	26	PADZZ	5905-900-0785	RW79U3011F	81349	RESISTOR, FIXED, WIREWOUND	EA	3
79	27	PADZZ	5905-767-2581	RL32S103J	81349	RESISTOR, FIXED, FILM	EA	3
79	28	PADZZ	5905-482-0788	RN65C1102F	81349	RESISTOR, FIXED, FILM	EA	1
79	29	PADZZ	5905-998-9178	RT24G2P202	81349	RESISTOR, VARIABLE	EA	1
79	30	PADZZ	5905-284-4959	RN65C2373F	81349	RESISTOR, FIXED, FIILM	EA	1
79	31	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EB	1
79	32	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 7A2 POWER SUPPLY +150 VDC	EA	1
80	1	PADZZ	5910-006-5708	CU13CS5R6SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
80	2	PADZZ	5910-964-6513	CM05ED620JO3	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
80	3	PADZZ	5910-838-8947	CM06FD152J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
80	4	PADZZ	5910-280-7973	CK63AW103M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	6
80	5	PADZZ	5961-894-0684	1N758A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
80	6	PADZZ	5961-837-9286	1N3042B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
80	7	PADZZ	5961-985-4581	1N3043B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
80	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
80	9	PADZZ	5961-892-091q	1N3031B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
80	10	PADZZ	5961-052-0666	1N943B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
80	11	APDZZ	5961-059-2904	1N3613	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
80	12	PADZZ	5935-689-1889	SM-D-2017423-35	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
80	13	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1
80	14	PADZZ	5961-458-9516	SM-D-2017378-1	80063	TRANSISTOR	EA	1
80	15	PADZZ	5961-022-5670	2N3439	81349	TRANSISTOR	EA	1
80	16	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
80	17	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXFD, FILM	EA	1
80	18	PADZZ	5905-142-0903	RN60D1102F	81349	RESISTOR, FIXED, FILM	EA	1
80	19	PADZZ	5905-025-5987	RN60D2491F	81349	RESISTOR, FIXED, FILM	EA	1
80	20	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILI	EA	1
80	21	PADZZ	5905-138-1285	RN6OD2001F	81349	RESISTOR, FIXED, FILM	EA	1
80	22	PADZZ	5905-443-7793	RW81U4R75F	81349	RESISTOR, FIXFD, WIREWOUND	EA	1
80	23	PADZZ	5905-900-0785	RW79U3011F	81349	RESISTOR, FIXED, WIRYOUND	EA	2
80	24	PADZZ	5905-988-2310	RN60D1000F	81349	RFSISTOR, FIXED, FIILM	EA	1
80	25	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
80	26	PADZZ	5905-192-3880	RN60D2492F	81349	RESISTOR, FIXFD, FILM	EA	1
80	27	PADZZ	5905-975-4354	RL32S912J	81349	RESISTOR, FIXFD, FILM	EA	2
80	28	PADZZ	5905-993-8650	RN65C1102F	81349	RESISTOR, FIXED, FILM	EA	1
80	29	PADZZ	5905-998-9178	RT24C2P202	81349	PRFSISTOR, VARIABLE	EA	1
80	30	PADZZ	5905-480-5768	RN65C1743F	81349	RESISTOR, FIXED, FILM	EA	1
80	31	PADZZ	5962-861-3220	SMD-2017483-1	80063	INTEGRATED CIRCUIT, OPEPATONAL AMPLIFIER	EA	1



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C7	1	P1	12	R11	24
C8	1	Q1	13	R12	25
C9	2	Q2	14	R13	19
C10	3	Q3	13	R14	17
C11	4	Q4	13	R15	17
C12	4	Q5	15	R16	26
CR7	5	R1	16	R17	26
CR8	6	R2	17	R18	26
CR9	7	R3	17	R19	27
CR11	8	R4	18	R20	27
CR14	9	R5	19	R21	27
CR15	10	R6	20	R22	28
CR16	8	R7	21	R23	29
CR17	11	R8	22	R24	30
CR18	8	R9	21	R26	31
CR19	7	R10	23	Z1	32

**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

TRANSISTOR (Q)

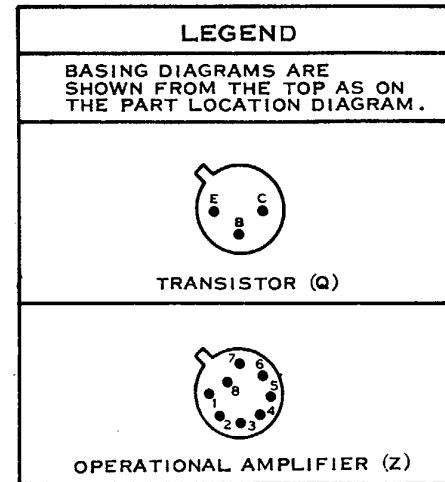
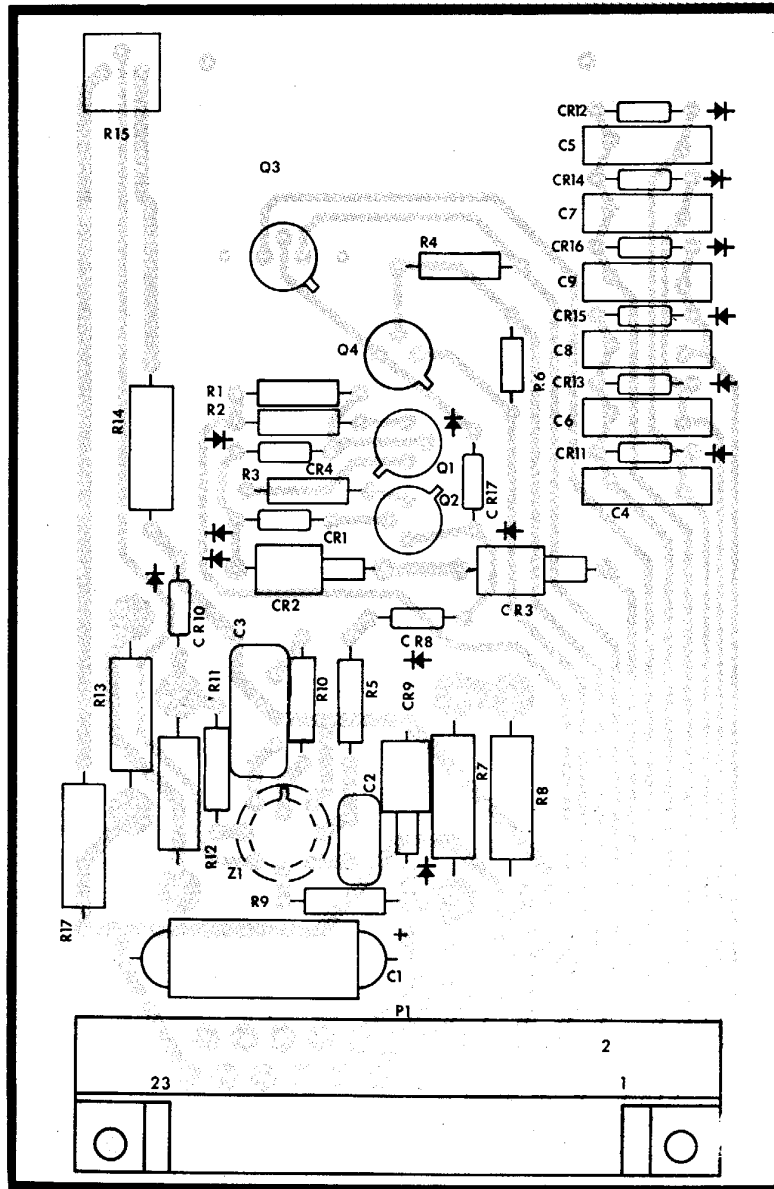
OPERATIONAL AMPLIFIER (Z)

NOTE, UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN— DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 74A1.

EL5850--241--34P-- TM-- 79

Figure 79. Power supply, +250 Vdc.



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A2

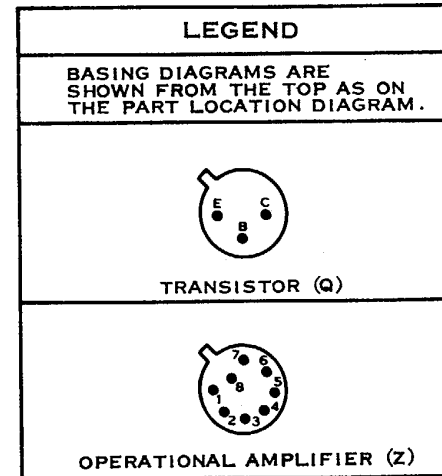
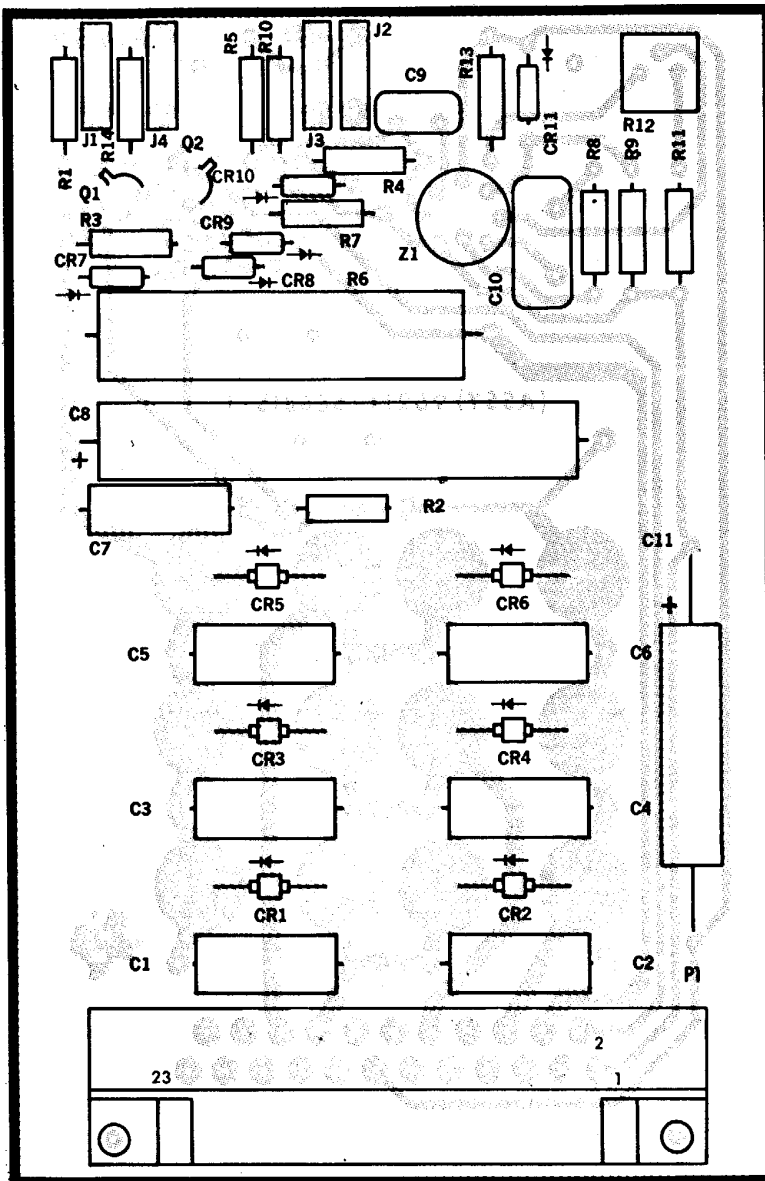
DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	CR3	7
C2	2	CR4	8
C3	3	CR8	8
C4	4	CR9	9
C5	4	CR10	10
C6	4	CR11	11
C7	4	CR12	11
C8	4	CR13	11
C9	4	CR14	11
CR1	5	CR15	11
CR2	6	CR16	11
		CR17	8
		P1	12
		Q1	13
		Q2	14
		Q3	15
		Q4	16
		R1	17
		R2	18
		R3	19
		R4	20
		R5	21
		R6	22
		R7	23
		R8	23
		R9	24
		R10	25
		R11	26
		R12	27
		R13	27
		R14	28
		R15	29
		R17	30
		Z1	31

EL5850-241-34P-TM-80

Figure 80. Power supply, + 150 Vdc.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
						GROUP 7A3 POWER SUPPLY +15 VDC		
81	1	PADZZ	5910-113-5540	CK15BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	7
81	2	PADZZ	5910-887-9874	CU13CH331SP3	81349	CAPACITOR, FIXED,ELECTROLYTIC	EA	1
81	3	PADZZ	5910-460-0869	CMO5FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
81	4	PADZZ	5910-010-8718	CKO6BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
81	5	PADZZ	5910-134-9629	CL21BNO80SPE	81349	CAPACITOR, FIXED, FLECTROLITIC	EA	1
81	6	PADZZ	5961-165-2742	1N5550	12969	DEVICE, DIODE	EA	6
81	7	PADZZ	5961-581-9700	1N816	81349	DEVICE, DIODE	EA	2
81	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
81	9	PADZZ	5961-923-3940	1N825	81349	DEVICE, DIODE	EA	1
81	10	PADZZ	5935-131-9696	M339024-11-04	81349	JACK, TIP	EA	1
81	11	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
81	12	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
81	13	PADZZ	5935-131-q693	M39024-11-03	81349	JACK, TIP	EA	1
81	14	PAD7Z	5935-689-1890	SM-D-2017423-36	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
81	15	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	1
81	16	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
81	17	PADZZ	5905-432-6410	RN60DIOO1F	81349	RESISTOR, FIXED, FILM	EA	4
81	18	PADZZ	5905-983-6914	RN60D1O002F	81349	RESISTOR, FIXED, FILM	EA	2
81	19	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	1
81	20	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	2
81	21	PADZZ	5905-763-9237	RW68VR33	81349	RESISTOR, FIXED, WIREWOUND	EA	1
81	22	PAD7Z	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILD	EA	1
81	23	PADZZ	5905-409-7252	RN60C2611F	81349	RESISTOR, FIXED, FILM	EA	1
81	24	PADZZ	5905-196-1020	RT24C2P501	81349	RESISTOR, VARIABLE	EA	2
81	25	PADZZ	5905-451-7518	RN60C1961F	81349	RESISTOR, FIXED, FILM	EA	1
81	26	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1
						GROUP 7A4 POWER SUPPLY -15 VDC		
82	1	PADZZ	5910-113-5540	CK15BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	7
82	2	PADZZ	5910-887-9874	CU13CH331SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
82	3	PADZZ	5910-460-0869	CMOSFD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
82	4	PADZZ	5910-010-8718	CKO6BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
82	5	PADZZ	5910-165-2742	CT 71	81349	CAPACITOR, FIXED, ELETROLYTIC	EA	1
82	6	PADZZ	5961-762-0201	1N5550	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
82	7	PADZZ	5961-581-9700	1N816	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
82	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
82	9	PADZZ	5961-923-3940	1N825	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
82	10	PADZZ	5935-131-9696	M39024-11-04	8134a	JACK, TIP	EA	1
82	11	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
82	12	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
82	13	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
82	14	PADZZ	5935-236-7729	98-D-2017423-37	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
82	15	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	1



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A3 (1A1A5) (2A1A14)

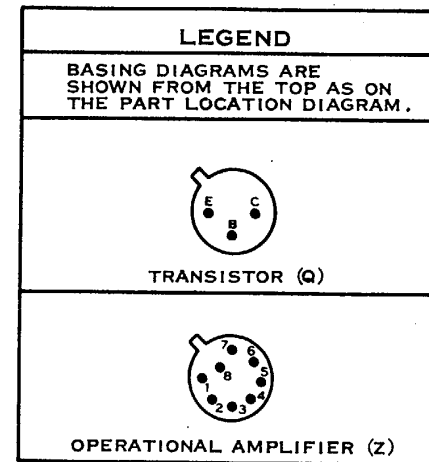
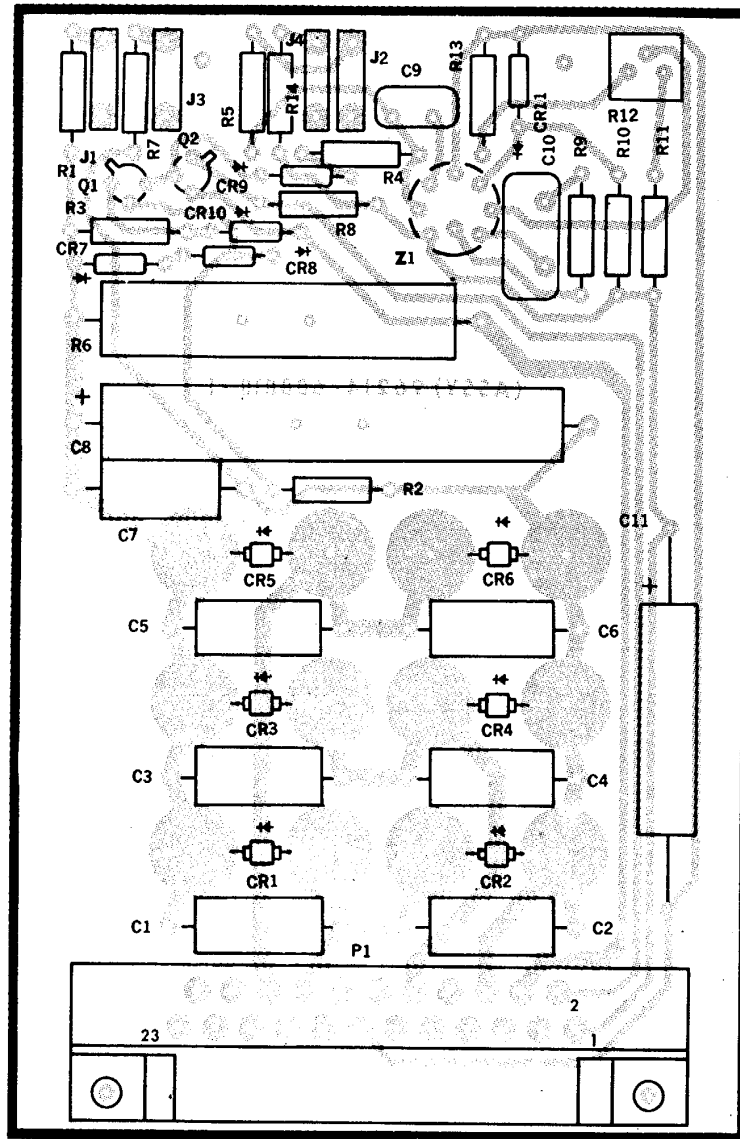
DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	CR1	6
C2	1	CR2	6
C3	1	CR3	6
C4	1	CR4	6
C5	1	CR5	6
C6	1	CR6	6
C7	1	CR7	7
C8	2	CR8	7
C9	3	CR9	8
C10	4	CR10	8
C11	5	CR11	9
J1	10	Q1	15
J2	11	Q2	16
J3	12	R1	17
J4	13	R2	18
P1	14	R3	19
R5	17	R4	20
R6	21	R11	23
R7	18	R12	24
R8	22	R13	25
R9	20	R14	17
R10	17	Z1	26

EL 5850-241-34P-TM-81

Figure 81. Power supply, +15 Vdc.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
82	16	PADZZ	5961-951-8757	2N22R 2A	81349	TRANSISTOR	EA	1
82	17	PADZZ	5905-988-2317	RN60DIOO1F	81349	RESISTOR, FIXED, FILM	EA	4
82	18	PADZZ	5905-983-6914	RN6ODIO1002F	81349	RESISTOR, FIXED, FILM	EA	2
82	19	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	1
82	20	PADZZ	5905-138-1285	RN6OD2001F	81349	RESISTOR, FIXED, FILM	EA	2
82	21	PADZZ	5905-763-9237	RW68VR33	81349	RESISTOR, FIXED, WIREWOUND	EA	1
82	22	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
82	23	PADZZ	5905-409-7252	RN60C2611F	81349	RESISTOR, FIXED, FILM	EA	1
82	24	PADZZ	5905-196-1020	RT24C2P501	81349	RESISTOR, VARIABLE	EA	1
82	25	PADZZ	5905-451-7518	RN6OC1961F	81349	RESISTOR, FIXED, FILM	EA	1
82	26	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 7A5 POWER SUPPLY, Ic	EA	1
83	1	PADZZ	5910-113-5499	CK06BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	6
83	2	PADZZ	5910-113-5540	CK15BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
83	3	PADZZ	5910-463-9373	CL65BGIOIMPE	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
83	4	PADZZ	5910-460-0869	CMO5FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
83	5	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
83	6	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
83	7	PADZZ	5910-144-4379	CSR13E125KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
83	8	PADZZ	5961-957-6865	1N3611	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
83	9	PADZZ	5961-836-6667	1N816	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
83	10	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
83	11	PADZZ	5961-923-3940	1N825	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
83	12	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
83	13	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
83	14	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
83	15	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
83	16	PADZZ	5935-689-1891	SMA-D-2017423-38	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
83	17	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	2
83	18	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
83	19	PADZZ	5961-923-3951	2N2151	81349	TRANSISTOR	EA	1
83	20	PADZZ	5961-104-9898	2N3506	81349	TRANSISTOR	EA	1
83	21	PADZZ	5905-972-4687	RW70V1ROOF	81349	RESISTOR, FIXED, WIREWOUND	EA	1
83	22	PADZZ	5905-432-6410	RN60DIOO1F	81349	RESISTOR, FIXED, FILM	EA	3
83	23	PADZZ	5905-758-4840	RN6OD1501F	81349	RESISTOR, FIXED, FILM	EA	2
83	24	PADZZ	5905-028-1832	RN60D1301F	81349	RESISTOR, FIXED, FILM	EA	1
83	25	PADZZ	5950-725-7547	RW69V1R8	81439	RESISTOR, FIXED, FILM	EA	1
83	26	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
83	27	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1
83	28	PADZZ	5905-261-7693	RN60D1621F	81349	RESISTOR, FIXED, FILM	EA	1
83	29	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	1
83	30	PADZZ	5905-789-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	1
83	31	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A4 (1A1A6) (1A1A1)

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	CR1	6
C2	1	CR2	6
C3	1	CR3	6
C4	1	CR4	6
C5	1	CR5	6
C6	1	CR6	6
C7	1	CR7	7
C8	2	CR8	7
C9	3	CR9	8
C10	4	CR10	8
C11	5	CR11	9
J1	10	R5	17
J2	11	R6	21
J3	12	R7	17
J4	13	R8	18
P1	14	R9	22
Q1	15	R10	20
Q2	16	R11	23
R1	17	R12	24
R2	18	R13	25
R3	19	R14	17
R4	20	Z1	26

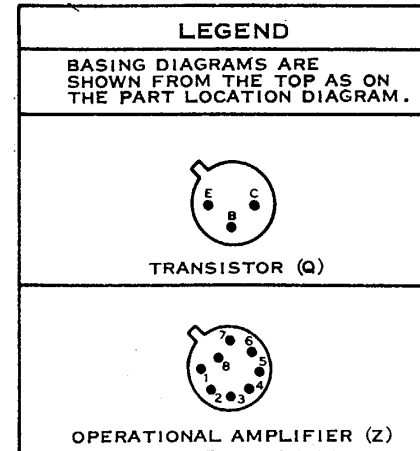
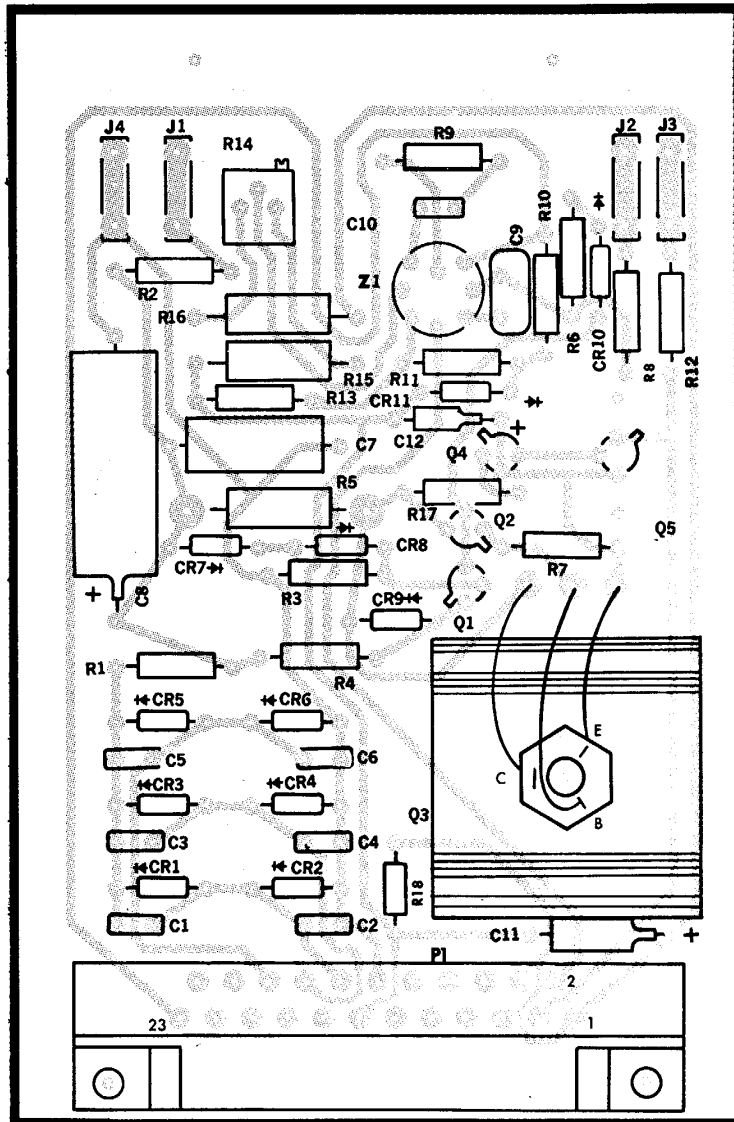
EL5850 - 241 - 34P - TM - 82

Figure 82. Power supply, - 15 Vdc.



SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO	(B) ITEM NO	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
83	32	PADZZ	5905-405-0955	RN65C2871F	81349	RESISTOR, FIXED, FILM	EA	1
83	33	PADZZ	5905-471-4462	RN65C1331F	81349	RESISTOR, FIXED, FILM	EA	1
83	34	PADZZ	5905-232-7791	RN60D1500F	81349	RESISTOR, FIXED, FILM	EA	1
83	35	PADZZ	5905-069-7564	RW81U1210F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
83	36	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1
						GROUP 7A6 POWERRSUPPLY, STORAGE TUBE FILAMENT		
84	1	PADZZ	5910-113-5540	CK15BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	7
84	2	PADZZ	CL65BE271MPE		81349	CAPACITOR, FIXED, ELECTRONIC	EA	1
84	3	PADZZ	5910-280-7973	CK63AW103M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
84	4	PADZZ	5961-957-6865	1N3611	81349	1VH DEVICE, DIODE	EA	6
84	5	PADZZ	5961-836-6667	1N816	81349	DEVICE, DIODE	EA	3
84	6	PADZZ	5961-842-9864	1N914	81349	DEVICE, DIODE	EA	1
84	7	PADZZ	5961-995-2310	1N752A	81349	DEVICE, DIODE	EA	1
84	8	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
84	9	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
84	10	PADZZ	5935-131-9726	M139024-11-06	81349	JACK, TIP	EA	1
84	11	PADZZ	5935-243-8510	SM-D-2017423-39	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
84	12	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	1
84	13	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2
84	14	PADZZ	5905-051-5557	RW69VR47	81349	RESISTOR, FIXED, WIREWOUND	EA	1
84	15	PADZZ	5905-452-0768	RN60D6191F	81349	RESISTOR, FIXED, FILM	EA	1
84	16	PADZZ	5905-983-6914	RN60DIOO2F	81349	RESISTOR, FIXED, FILM	EA	4
84	17	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
84	18	PADZZ	5905-989-9362	RW69VR56	81349	RESISTOR, FIXED, WIREWOUND	EA	1
84	19	PADZZ	5905-424-9312	RT22C2P201	81349	RESISTOR, FIXED, WIREWOUND	EA	1
84	20	PADZZ	5905-455-0804	RN65C8250OF	81349	RESISTOR, FIXED, FILM	EA	1
						GROUP 7A7 PROTECTOR, STORAGE TUBE		
85	1	PAFDD	5910-280-7973	CK63AW103M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
85	2	PADZZ	CM06FD472J03		81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
85	3	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
85	4	PADZZ	5910-113-5499	CKO6BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
85	5	PADZZ	5961-950-9881	1N827	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
85	6	PADZZ	5961-852-7549	1N754A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
85	7	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
85	8	PADZZ	5961-894-0684	1N758A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
85	9	PADZZ	5961-581-9700	1N816	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
85	10	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
85	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
85	12	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
85	13	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
85	14	PADZZ	5935-131-9728	139024-11-08	81349	JACK, TIP	EA	1
85	15	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
85	16	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1



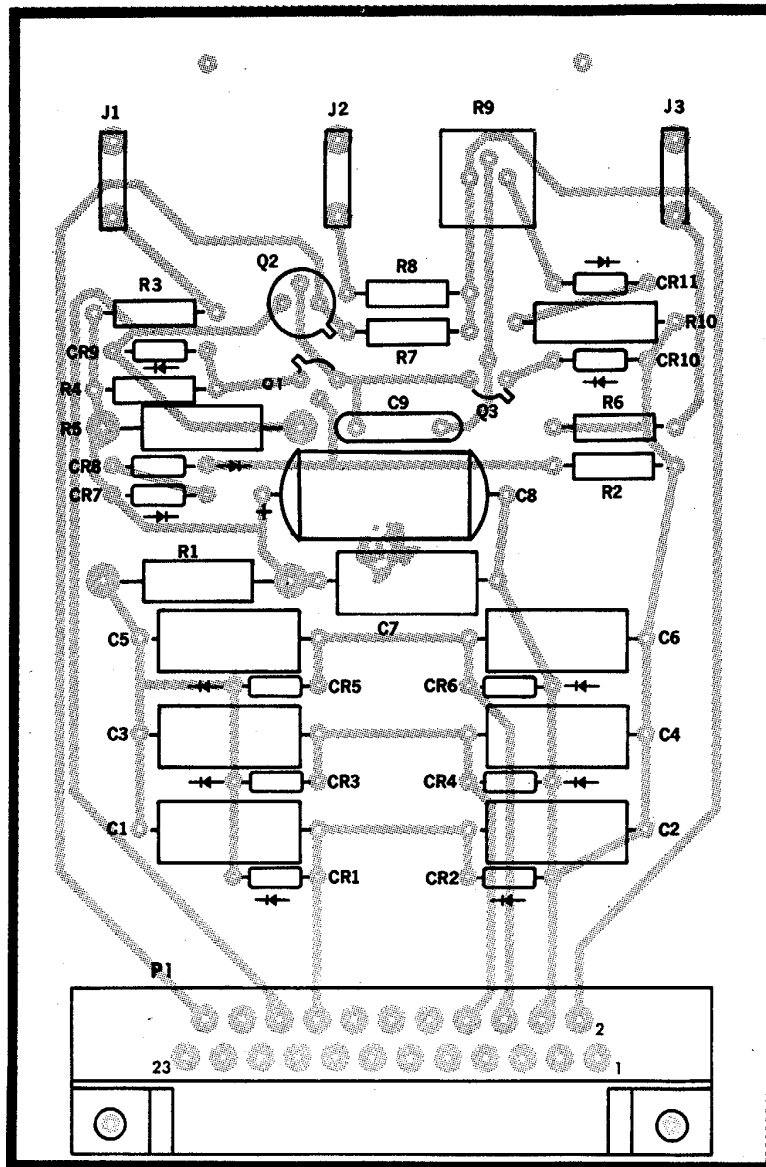
NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A5(1A1A2)(1A1A7)

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	CR2	8
C2	1	CR3	8
C3	1	CR4	8
C4	1	CR5	8
C5	1	CR6	8
C6	1	CR7	9
C7	2	CR8	9
C8	3	CR9	10
C9	4	CR10	10
C10	5	CR11	11
C11	6	J1	12
C12	7	J2	13
CR1	8	J3	14
		J4	15
		P1	16
		Q1	17
		Q2	18
		Q3	19
		Q4	17
		Q5	20
		R1	21
		R2	22
		R3	23
		R4	24
		R5	25
		R6	26
		R7	27
		R8	22
		R9	23
		R10	28
		R11	29
		R12	22
		R13	30
		R14	31
		R15	32
		R16	33
		R17	34
		R18	35
		Z1	36

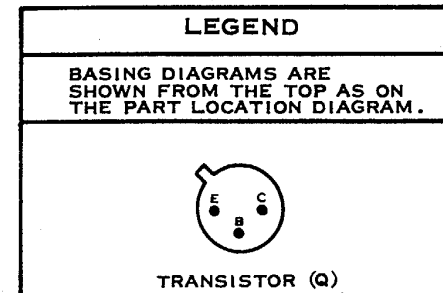
EL5850-241-34P-TM-83

Figure 83. Power supply, lc.



**LEGEND**

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1 1	CR2 4	CR11 5	R2 15
C2 1	CR3 4	J1 8	R3 16
C3 1	CR4 4	J2 9	R4 17
C4 1	CR5 4	J3 10	R5 18
C5 1	CR6 4	P1 11	R6 16
C6 1	CR7 5	Q1 12	R7 16
C7 1	CR8 5	Q2 13	R8 16
C8 2	CR9 6	Q3 13	R9 19
C9 3	CR10 7	R1 14	R10 20
CR1 4			



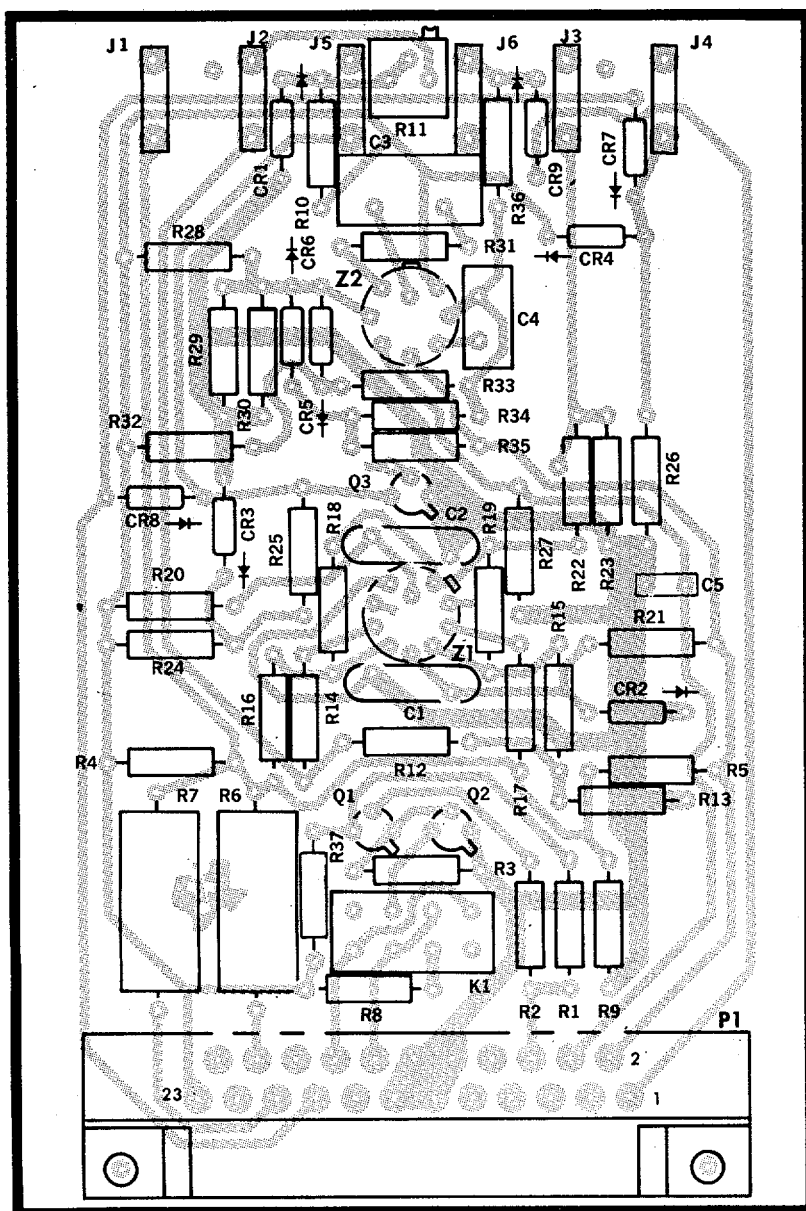
NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A6 (1A1A5)

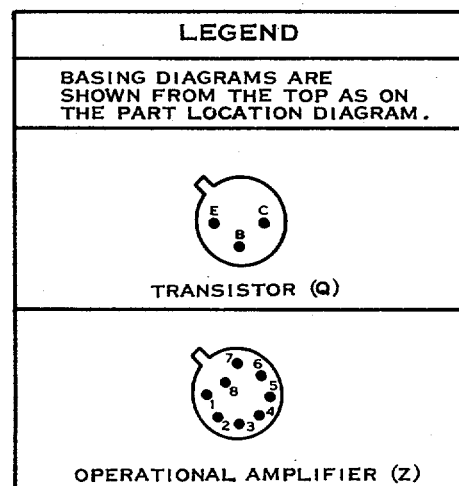
Figure 84. Power supply, storage tube filament.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
85	17	PADZZ	SM-D-2017461-7		80063	RELAY, ARMATURE	EA	1
85	18	PADZZ	5935-482-5120	SM-D-2017423-40	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
85	19	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	1
85	20	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2
85	21	PADZZ	5905-078-7450	RN60D1503F	81349	RESISTOR, FIXED, FILM	EA	1
85	22	PADZZ	5905-432-6410	RN6ODIO01F	81349	RESISTOR, FIXED, FILM	EA	3
85	23	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	3
85	24	PADZZ	5905-184-7791	RN60C1472F	81349	RESISTOR, FIXED, FILM	EA	2
85	25	PADZZ	5905-801-1221	RN70C2613F	81349	RESISTOR, FIXED, FILM	EA	1
85	26	PADZZ	5905-801-1210	RN70C1623F	81349	RESISTOR, FIXED, FILM	EA	1
85	27	PADZZ	5905-945-9555	59-D-2017383-3	80063	RESISTOR, FIXED, FILM	EA	1
85	28	PADZZ	5905-483-4128	RN6OC2151LF	81349	RESISTOR, FIXED, FILM	EA	1
85	29	PADZZ	5905-998-9178	RT24C2P202	81349	RESISTOR, VARIABLE	EA	1
85	30	PADZZ	5905-471-2259	RN6OC10OOF	81349	RESISTOR, FIXED, FILM	EA	1
85	31	PADZZ	5905-459-2840	RN60C1331F	81349	RESISTOR, FIXED, FILM	EA	1
85	32	PADZZ	5905-184-7794	RN60C8251F	81349	RESISTOR, FIXED, FILM	EA	4
85	33	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	2
85	34	PADZZ	5905-214-2927	RN60D5110F	81349	RESISTOR, FIXED, FILM	EA	3
85	35	PADZZ	5905-142-0901	RN60D20OOF	81349	RESISTOR, FIXED, FILM	EA	2
85	36	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	2
85	37	PADZZ	5905-069-3926	RN60D2743F	81349	RESISTOR, FIXED, FILM	EA	1
85	38	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
85	39	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	3
85	40	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	1
85	41	PADZZ	5905-767-0984	RN6OD4321F	81349	RESISTOR, FIXED, FILM	EA	1
85	42	PADZZ	5905-062-0151	RN60D1622F	81349	RESISTOR, FIXED, FILM	EA	1
85	43	PADZZ	5962-245-5232	SM-D-2017396-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPONENT	EA	1
85	44	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 7A8 ADDER, SLEW AND FOV	EA	1
86	1	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	3
86	2	PADZZ	5910-079-5253	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
86	3	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
86	4	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	3
86	5	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	7
86	6	PADZZ	5910-934-2564	CSR13C127KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
86	7	PADZZ	5910-456-0794	CM05ED390J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
86	8	PADZZ	5910-007-2000	CSR13B685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
86	9	PADZZ	CM06FD332J03		81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
86	10	PADZZ	5910-236-8740	CSR13C475KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
86	11	PADZZ	5910-460-1047	CM05ED510J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
86	12	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	S
86	13	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	15
86	14	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	Q1	19	R19	33
C2	1	Q2	20	R20	34
C3	2	Q3	20	R21	22
C4	3	R1	21	R22	35
C5	4	R2	22	R23	36
CR1	5	R3	23	R24	36
CR2	6	R4	24	R25	34
CR3	7	R5	24	R26	34
CR4	8	R6	25	R27	23
CR5	9	R7	26	R28	37
CR6	9	R8	27	R29	38
CR7	10	R9	28	R30	23
CR8	10	R10	22	R31	39
CR9	10	R11	29	R32	40
J1	11	R12	30	R33	39
J2	12	R13	31	R34	41
J3	13	R14	32	R35	42
J4	14	R15	32	R36	35
J5	15	R16	32	R37	39
J6	16	R17	32	Z1	43
K1	17	R18	33	Z2	44
P1	18				



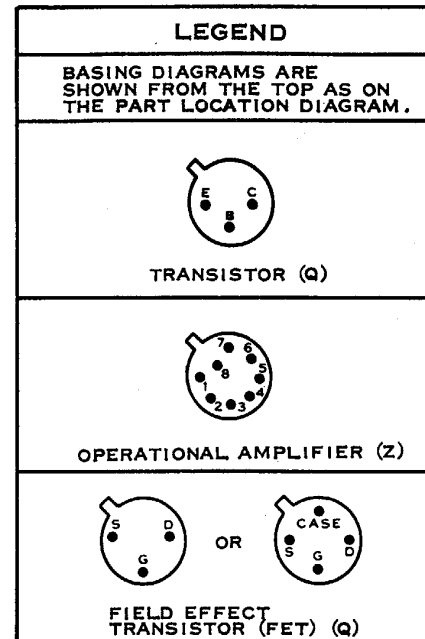
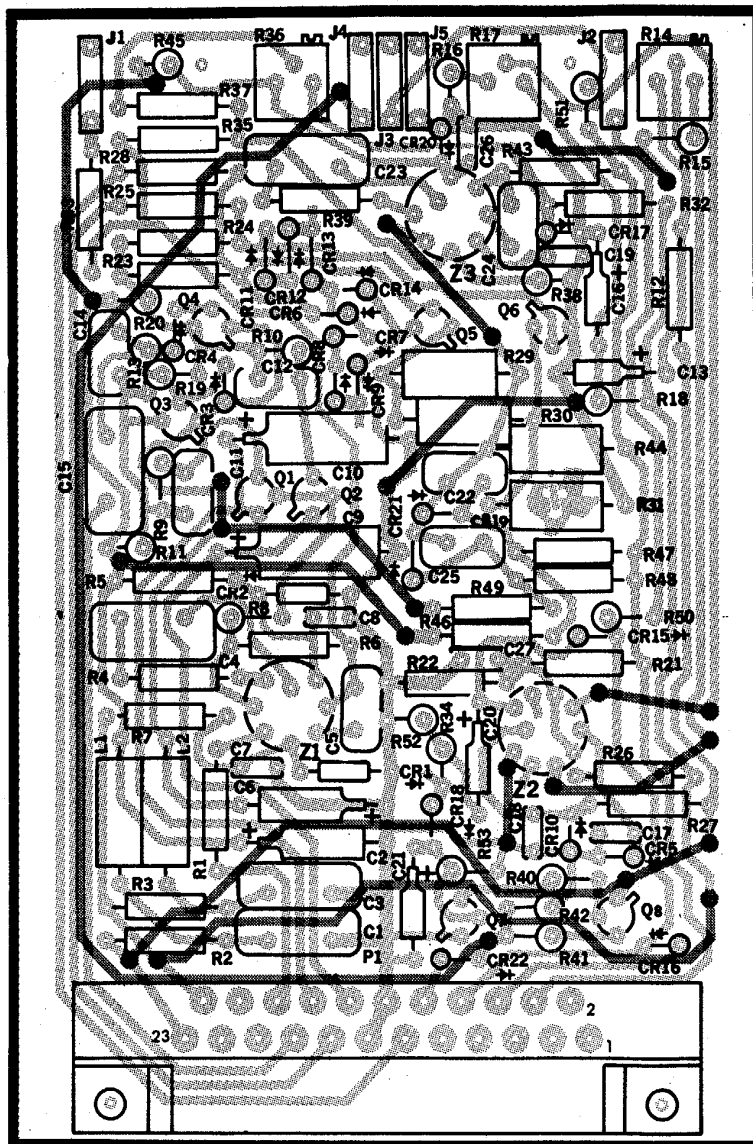
- NOTE. UNLESS OTHERWISE SPECIFIED
1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
  2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A7.

EL5850-241-34P-TM-85

Figure 85. Protector, storage tube.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
86	15	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
86	16	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
86	17	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
86	18	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
86	19	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
86	20	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
86	21	PADZZ	5950-727-2680	M\$75052-5	96906	COIL, RADIO, FREQUENCY	EA	2
86	22	PADZZ	5935-256-0730	S9-D-2017423-41	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
86	23	PADZZ	5961-890-9867	SM-D-2017405-1	80063	TRANSISTOR	EA	2
86	24	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	4
86	25	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	1
86	26	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
86	27	PADZZ	590)-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM	EA	1
86	28	PAD7Z	5905-957-8633	RN60D51R1F	81349	RFSISTOR, FIXED, FILM	EA	2
86	29	PAD/Z	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
86	30	PAD/Z	5905-432-6411	RN60D3320F	81349	RESISTOR, FIXED, FILM	EA	3
86	31	PADZZ	5905-755-8132	RN60C1003F	81349	RESISTOR, FIXED, FILM	EA	2
86	32	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	4
86	33	PADZZ	5905-025-5987	RN60D2491F	81349	RESISTOR, FIXED, FILM	EA	2
86	34	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	3
86	35	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	2
86	36	PADZZ	5905-251-7581	RT24C2P201	81349	RESISTOR, VARIABLE	EA	2
86	37	PADZ7	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	3
86	38	PADZ7	5905-689-1966	RN60D6810F	81349	RESISTOR, FIXED, FILM	EA	2
86	39	PADZZ	5905-767-0983	RN60D3242F	81349	RESISTOR, FIXED, FILM	EA	2
86	40	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	2
86	41	PADZZ	5905-452-0773	RN60D8250F	81349	RESISTOR, FIXED, FILM	EA	1
86	42	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	1
86	43	PADZZ	5905-242-2040	RBR55L10001QM	81349	RESISTOR, FIXED, WIREWOUND	EA	1
86	44	PADZZ	5905-242-2047	RBR55L12001QM	81349	RESISTOR, FIXED, WIREWOUND	EA	1
86	45	PADZZ	5905-242-2048	RBR55L32801Q,	81349	RESISTOR, FIXED, WIREWOUND	EA	1
86	46	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	4
86	47	PAD77	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
86	48	PADZZ	5905-451-7522	RN60C5112F	81349	RESISTOR, FIXED, FILM	EA	2
86	49	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
86	50	PADZZ	5905-452-0773	RN60D8252F	81349	RESISTOR, FIXED, FILM	EA	1
86	51	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	1
86	52	PADZZ	5905-242-2041	RBR55L11002M4	81349	RESISTOR, FIXED, WIREWOUND	EA	1
86	53	PADZZ	5905-165-3105	RN60C1622F	81349	RESISTOR, FIXED, FILM	EA	2
86	54	PADZZ	5905-752-3600	RN60C4641F	81349	RESISTOR, FIXED, FILM	EA	2
86	55	PAD7Z	5905-432-0468	RN60D3923F	81349	RESISTOR, FIXED, FILM	EA	1
86	56	PADZZ	5962-861-3220	94-D-2017483-1	80063	INTERGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	2
86	57	PADZZ	5962-245-5232	S91-D-2017396-1	80063	INTERGRATED CIRCUIT, DIFFERENCIAL COMPONENT	EA	1



NOTE - UNLESS OTHERWISE SPECIFIED  
 1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN -  
 DARK SHADING INDICATES COMPONENT SIDE PATTERN.  
 2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH  
 7A8 (2A1A5)

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM					
C1	1	C26	5	J1	16	R9	32	R33	46
C2	2	C27	5	J2	17	R10	32	R34	47
C3	1	CR1	12	J3	18	R11	33	R35	48
C4	3	CR2	12	J4	19	R12	34	R36	49
C5	4	CR3	13	J5	20	R13	35	R37	32
C6	2	CR4	14	L1	21	R14	36	R38	48
C7	5	CR5	15	L2	21	R15	37	R39	29
C8	5	CR6	13	P1	22	R16	37	R40	50
C9	6	CR7	13	Q1	23	R17	36	R41	34
C10	6	CR8	13	Q2	23	R18	34	R42	46
C11	7	CR9	13	Q3	24	R19	35	R43	51
C12	7	CR10	12	Q4	24	R20	33	R44	52
C13	8	CR11	13	Q5	24	R21	38	R45	37
C14	4	CR12	13	Q6	24	R22	38	R46	53
C15	9	CR13	13	Q7	25	R23	39	R47	54
C16	8	CR14	13	Q8	26	R24	39	R48	54
C17	5	CR15	13	R1	27	R25	40	R49	53
C18	5	CR16	13	R2	28	R26	41	R50	46
C19	5	CR17	12	R3	28	R27	42	R51	46
C20	10	CR18	13	R4	29	R28	40	R52	55
C21	10	CR19	13	R5	30	R29	43	R53	32
C22	11	CR20	12	R6	31	R30	44	Z1	56
C23	1	CR21	13	R7	30	R31	45	Z2	57
C24	4	CR22	13	R8	31	R32	30	Z3	56
C25	11								

EL5850-241-34P-TM-86

Figure 86. Adder, slew and FCV.

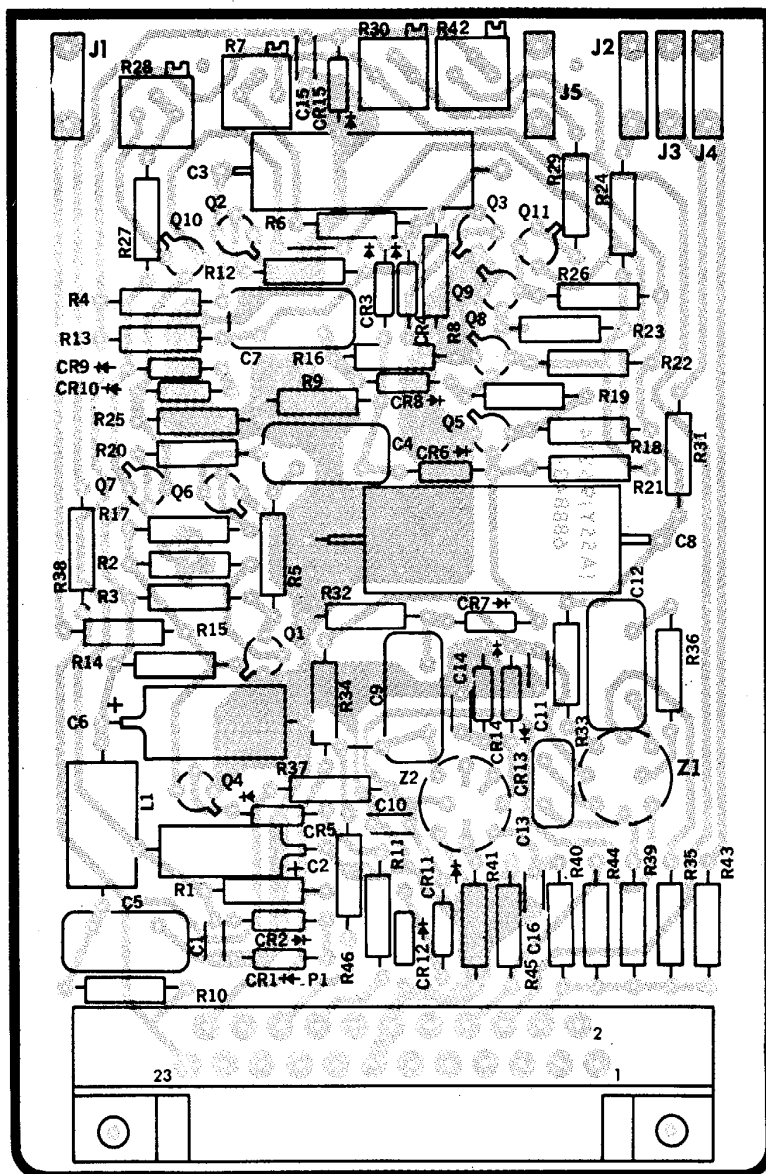
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
						GROUP 7A9 GENERATOR, WRITE HORIZONTAL SWEEP		
87	1	PADZZ	5910-847-7288	CK06BX1O3K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	6
87	2	PADZZ	5910-993-2201	CSR13E476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
87	3	PADZZ	5910-850-3205	59-D-2017484-11	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
87	4	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	4
87	5	PADZZ	5910-154-0547	CSR13F476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
87	6	PADZZ	5910-229-7757	91(-D-2017484-12	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
87	7	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
87	8	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
87	9	PADZZ	5961-995-2310	1N752A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
87	10	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
87	11	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
87	12	PADZZ	5961-950-9881	1N827	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
87	13	PADZZ	5961-581-9700	1N816	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
87	14	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
87	15	PADZZ	5961-923-3940	1N825	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
87	16	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
87	17	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
87	18	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
87	19	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
87	20	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
87	21	PADZZ	5950-771-2089	MS75054-5	96906	COIL, RADIO FREQUENCY	EA	1
87	22	PADZZ	5935-236-7731	SM-D-2017423-42	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
87	23	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
87	24	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	7
87	25	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	1
87	26	PADZZ	5905-758-2063	RN60D221F	81349	RESISTOR, FIXED, FILM	EA	10
87	27	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	10
87	28	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	8
87	29	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	4
87	30	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	2
87	31	PADZZ	5905-025-5988	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	2
87	32	PADZZ	5905-988-9231	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
87	33	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	2
87	34	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
87	35	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
87	36	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	4
87	37	PADZZ	5905-184-7794	RN60C8251F	81349	RESISTOR, FIXED, FILM	EA	1
87	38	PADZZ	5905-104-0922	RT24C2P502	81349	RESISTOR, VARIABLE	EA	2
87	39	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	5
87	40	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
87	41	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
87	42	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	1



SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
87	43	PADZZ	5962-861-3220	SM-D-2017483	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1
87	44	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPONENT GROUP 7A10 GENERATOR, ERASE VERTICAL SWEEP	EA	1
88	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	4
88	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
88	3	PADZZ	5910-007-2003	CSR13E156KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
88	4	PADZZ	5910-900-4644	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
88	5	PADZZ	5910-460-0869	CM0FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
88	6	PADZZ	5910-236-8740	CSR13C475KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
88	7	PADZZ	5910-050-2940	SM-D-2017484-7	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
88	8	PADZZ	5961-842-9864	IN914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	5
88	9	PADZZ	5961-821-2309	IN751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
88	10	PADZZ	5961-995-2310	1N752A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
88	11	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
88	12	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
88	13	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
88	14	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
88	15	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
88	16	PADZZ	5935-131-9693	MS39024-4-03	81349	JACK, TIP	EA	2
88	17	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
88	18	PADZZ	5950-771-2089	MS75054-5	96906	COIL, RADIO FREQUENCY	EA	1
88	19	PADZZ	5935-188-3859	SM-D-2017423-43	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
88	20	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	4
88	21	PADZZ	5961-946-6643	2N2432	81349	TRANSISTOR	EA	4
88	22	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	4
88	23	PADZZ	5961-121-4996	TX2N3821	81349	TRANSISTOR	EA	2
88	24	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	2
88	25	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
88	26	PADZZ	5905-983-6914	RN60P1002F	81349	RESISTOR, FIXED, FILM	EA	6
88	27	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FILM	EA	4
88	28	PADZZ	5905-998-9178	RT24C2P202	81349	RESISTOR, VARIABLE	EA	1
88	29	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
88	30	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	4
88	31	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	1
88	32	PADZZ	5905-025-5987	RN60D2491F	81349	RESISTOR, FIXED, FILM	EA	1
88	33	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	5
88	34	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	1
88	35	PADZZ	5905-721-2387	RN60D6190F	81349	RESISTOR, FIXED, FILM	EA	1
88	36	PADZZ	5905-404-8782	RN60D2432F	81349	RESISTOR, FIXED, FILM	EA	1
88	37	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	2
88	38	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	2
88	39	PADZZ	5905-006-6988	RN60D7501F	81349	RESISTOR, FIXED, FILM	EA	2
88	40	PADZZ	5905-058-1770	RN60D1472F	81349	RESISTOR, FIXED, FILM	EA	1



DESIG ITEM DESIG ITEM DESIG ITEM DESIG ITEM

C1	1	CR10	13	R1	26	R25	27
C2	2	CR11	14	R2	27	R26	28
C3	3	CR12	14	R3	28	R27	37
C4	4	CR13	14	R4	29	R28	38
C5	4	CR14	14	R5	30	R29	28
C6	5	CR15	15	R6	31	R30	38
C7	4	J1	16	R7	32	R31	27
C8	6	J2	17	R8	33	R32	28
C9	4	J3	18	R9	28	R33	30
C10	1	J4	19	R10	34	R34	39
C11	1	J5	20	R11	28	R35	28
C12	7	L1	21	R12	35	R36	40
C13	8	P1	22	R13	29	R37	39
C14	1	Q1	23	R14	36	R38	27
C15	1	Q2	24	R15	27	R39	27
C16	1	Q3	24	R16	28	R40	39
CR1	9	Q4	23	R17	27	R41	39
CR2	10	Q5	24	R18	29	R42	41
CR3	11	Q6	23	R19	36	R43	27
CR4	11	Q7	24	R20	36	R44	42
CR5	11	Q8	24	R21	36	R45	27
CR6	11	Q9	24	R22	29	R46	39
CR7	11	Q10	24	R23	33	Z1	43
CR8	11	Q11	25	R24	27	Z2	44
CR9	12						

LEGEND

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.



TRANSISTOR (Q)



OPERATIONAL AMPLIFIER (Z)

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A9 (2A1A4)

EL5850-241-34P-TM-87

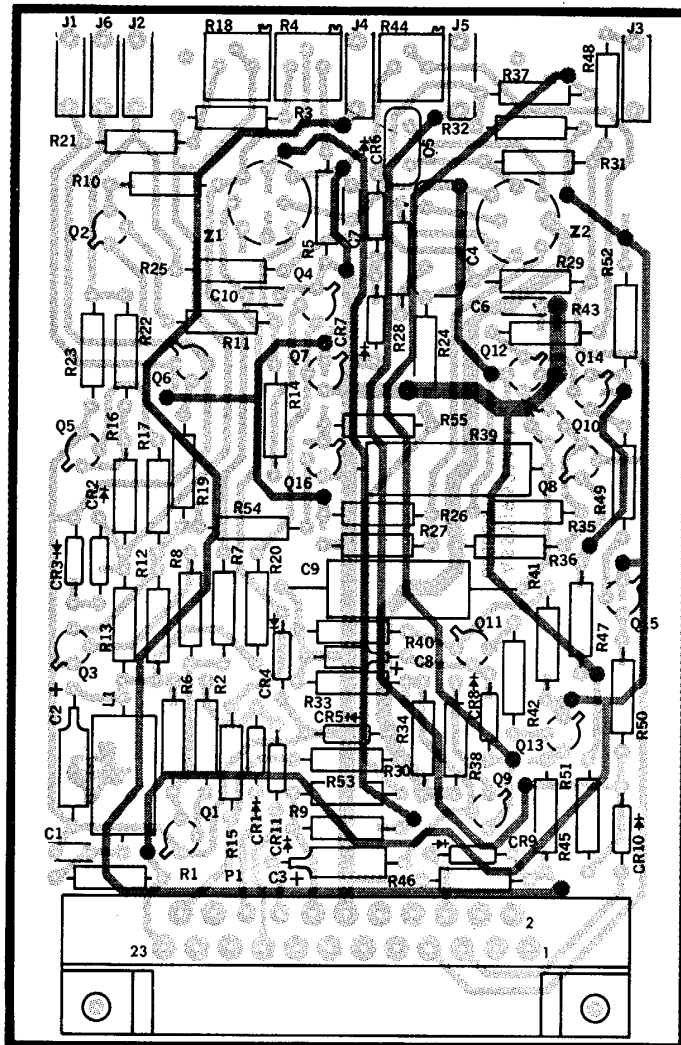
Figure 87. Generator, write horizontal sweep.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
88	41	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
88	42	PADZZ	5905-006-5575	RN60C9091F	81349	RESISTOR, FIXED, FILM	EA	1
88	43	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	2
88	44	PADZZ	5905-138-1283	RN60C1002F	81349	RESISTOR, FIXED, FILM	EA	1
88	45	PADZZ	5905-243-5622	RN60D301OF	81349	RESISTOR, FIXED, FILM	EA	1
88	46	PADZZ	5905-232-7791	RN60D1500F	81349	RESISTOR, FIXED, FILM	EA	1
88	47	PADZZ	5905-195-6404	RN60D3922F	81349	RESISTOR, FIXED, FILM	EA	1
88	48	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	2
88	49	PADZZ	5905-471-6288	S9-C-2017410-1	80063	RESISTOR, FIXED, FILM	EA	1
88	50	PADZZ	5905-195-6379	RN60D1822F	81349	RESISTOR, FIXED, FILM	EA	2
88	51	PADZZ	5905-062-0152	RN6OD8252F	81349	RESISTOR, FIXED, FILM	EA	2
88	52	PADZZ	5905-175-8541	RN60C4220F	81349	RESISTOR, FIXED, FILM	EA	1
88	53	PADZZ	5962-248-2636	RN60C7871F	81349	RESISTOR, FIXED, FILM	EA	1
88	54	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPONENT	EA	1
88	55	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1
						GROUP 7A11 GENERATOR, WRITE VERTICAL SWEEP		
89	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	5
89	2	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
89	3	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
89	4	PADZZ	5910-007-2001	CSR13B566KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
89	5	PADZZ	5910-113-5540	CK15BX1004K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
89	6	PADZZ	5910-136-1037	CSR13GIO5ML	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
89	7	PADZZ	5961-950-9881	1N827	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
89	8	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
89	9	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	12
89	10	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
89	11	PADZZ	5935-131-9861	M39024-11-02	81349	JACK, TIP	EA	1
89	12	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
89	13	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
89	14	PADZZ	5950-836-0369	MS90542-15	96906	COIL, RADIO FREQUENCY	EA	1
89	15	PADZZ	5935-243-8512	SM-D-2017423-44	80063	CONNECTOR, RECEPTACLE, ELFCRICAL	EA	1
89	16	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	11
89	17	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	10
89	18	PADZZ	5961-110-9202	2N2944A	81349	TRANSISTOR	EA	2
89	19	PADZZ	5961-946-6643	2N2432	81349	TRANSISTOR	EA	3
89	20	PADZZ	5905-988-2313	RN60D1211F	81349	RESISTOR, FIXED, FILM	EA	1
89	21	PADZZ	5905-104-0922	RT24C2P502	81349	RESISTOR, VARIABLE	EA	1
89	22	PADZZ	5905-402-0945	RN60E1332F	81349	RESISTOR, FIXED, FILM	EA	1
89	23	PADZZ	5905-448-9360	RN60E1002F	81349	RESISTOR, FIXED, FILM	EA	3
89	24	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
89	25	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	3
89	26	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
89	27	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3

DESIG ITEM DESIG ITEM DESIG ITEM DESIG ITEM DESIG ITEM

C1	1	J1	13	Q14	22	R18	38	R38	43
C2	2	J2	14	Q15	24	R19	37	R39	49
C3	3	J3	15	Q16	21	R20	26	R40	27
C4	4	J4	16	R1	25	R21	39	R41	50
C5	5	J5	17	R2	26	R22	40	R42	51
C6	1	J6	16	R3	27	R23	41	R43	41
C7	1	L1	18	R4	28	R24	42	R44	38
C8	6	P1	19	R5	27	R25	30	R45	41
C9	7	Q1	20	R6	29	R26	39	R46	33
C10	1	Q2	20	R7	30	R27	43	R47	27
CR1	8	Q3	20	R8	30	R28	29	R48	33
CR2	9	Q4	20	R9	31	R29	44	R49	51
CR3	10	Q5	21	R10	32	R30	45	R50	41
CR4	11	Q6	21	R11	25	R31	33	R51	33
CR5	12	Q7	21	R12	33	R32	46	R52	50
CR6	11	Q8	22	R13	34	R33	47	R53	52
CR7	11	Q9	22	R14	26	R34	46	R54	48
CR8	8	Q10	23	R15	35	R35	26	R55	53
CR9	8	Q11	22	R16	36	R36	26	Z1	54
CR10	8	Q12	23	R17	37	R37	30	Z2	55
CR11	8	Q13	24						



LEGEND

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM



TRANSISTOR (Q)



OPERATIONAL AMPLIFIER (Z)



FIELD EFFECT TRANSISTOR (FET) (Q)

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A10 (2A1A9)

EL5850-241-34P-TM-88

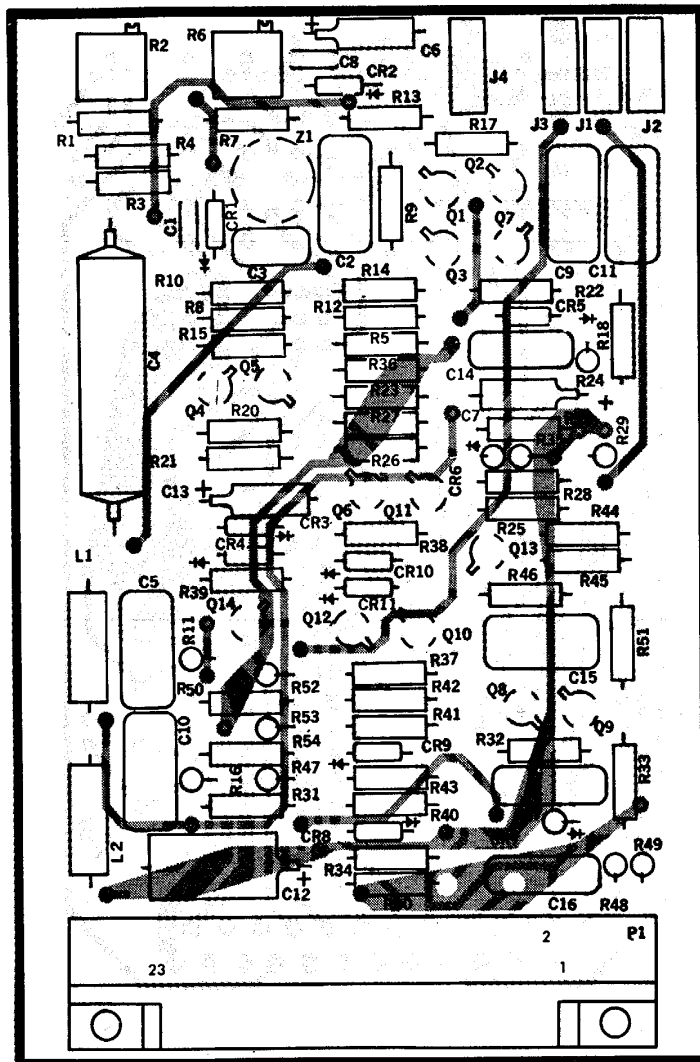
Figure 88. Generator, erase vertical sweep.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
89	28	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
89	29	PADZZ	5905-189-2454	RN6OD1OO4F	81349	RESISTOR, FIXED, FILM	EA	1
89	30	PADZ7	5905-432-6411	RN6OD332OF	81349	RESISTOR, FIXED, FILM	EA	1
89	31	PADZZ	5905-069-3913	RN6OD2740F	81349	RESISTOR, FIXED, FILM	EA	1
89	32	PADZZ	5905-192-3479	Rll6OD9091F	81349	RESISTOR, FIXED, FILM	EA	1
89	33	PADZZ	5905-194-1695	RN6OD4751F	81349	RESISTOR, FIXED, FILM	EA	24
89	34	PADZZ	5905-138-1285	RN6OD2001F	81349	RESISTOR, FIXED, FILM	EA	1
89	35	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	2
89	36	PADZZ	5915-481-3088	S'1-C-2017422-1	80063	NETWORK, HYBRID CIRCUIT	EA	1
89	37	PADZZ	5962-117-6075	94-D-2017398-2	80063	INTEGRATED CIRCUIT, FLIP-FLOP	EA	6
89	38	PADZZ	5962-470-4303	94-D-2017457-2	80063	INTEGRATED CIRCUIT, INPUT GATE GROUP 7A12 GENERATOR, V/H CLOCK PULSE	EA	1
90	1	PADZZ	5910-010-8718	CKO6BX1O3K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
90	2	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
90	3	PADZZ	5910-460-0869	CMO05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
90	4	PADZZ	5910-229-7757	SM'-D-2017484-12	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
90	5	PADZZ	5910-410-9329	CMO6FD102JO3	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	5
90	6	PADZZ	5q10-007-2003	CSR13E156KL	81349	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	3
90	7	PADZZ	5910-777-6Q19	CAO07FD103J03	81349	CAPACITOR, FIXED, MIICA DIELECTRIC	EA	1
90	8	PADZZ	5910-154-0547	CSR13F476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
90	9	PADZZ	5910-790-3781	CMO6FD222JO3	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
90	10	PADZZ	5910-913-1096	CMO7FD163JO3	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
90	11	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
90	12	PADZZ	5q61-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
90	13	PADZZ	5961-995-2310	1N752A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
90	14	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	7
90	15	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
90	16	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
90	17	PADZZ	5935-131-9726	[t39024-11-06	81349	JACK, TIP	EA	1
90	18	PADZZ	5935-131-9693	1M39024-11-03	81349	JACK, TIP	EA	1
90	19	PADZZ	5950-771-2089	L5\$75054-5	96906	COIL, RADIO FREQUENCY	EA	2
90	20	PADZZ	5935-256-0735	511-D-2017423-45	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
90	21	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	10
90	22	PADZZ	5961-490-0318	2N4948	81349	TRANSISTOR	EA	1
90	23	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	2
90	24	PADZZ	5961-946-6643	2N2432	81349	TRANSISTOR	EA	1
90	25	PADZZ	5905-138-1285	RN6OD2001F	81349	RESISTOR, FIXED, FILM	EA	1
90	26	PADZZ	5qO5-070-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
90	27	PADZ7	5905-432-6410	RN6OD1OO1F	81349	RESISTOR, FIXED, FILM	EA	6
90	28	PADZZ	5905-721-2385	RN6OD3221F	81349	RESISTOR, FIXED, FILM	EA	2
90	29	PADZZ	5905-142-0901	RN6D2OOF	81349	RESISTOR, FIXED, FILM	EA	1
90	30	PADZ7	5905-48Q-215a	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
90	31	PADZZ	5905-189-2454	RN6OD1OO4F	81349	RESISTOR, FIXFD, FILM	EA	1

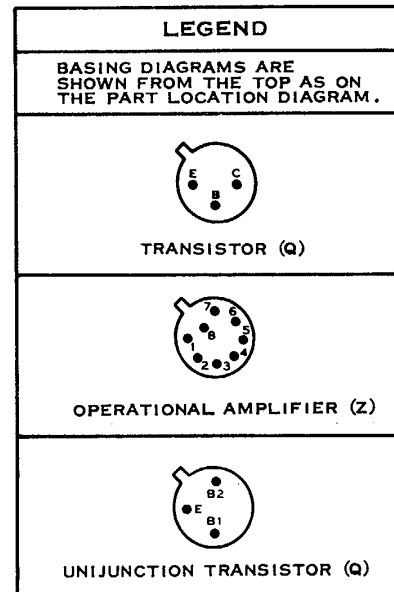
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
90	32	PADZZ	5905-194-1695	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	4
90	33	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
90	34	PADZZ	5905-101-2326	RN60D2430F	81349	RESISTOR, FIXED, FILM	EA	1
90	35	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXFD, FILM	EA	2
90	36	PADZZ	5905-192-3458	RN60D6812F	81349	RESISTOR, FIXED, FILM	EA	1
90	37	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	2
90	38	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	1
90	39	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	2
90	40	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	9
90	41	PADZZ	5905-197-3172	RN60D2742F	81349	RESISTOR, FIXED, FILM	EA	1
90	42	PADZZ	5905-195-6384	RN60D3012F	81349	RESISTOR, FIXED, FILM	EA	1
90	43	PADZZ	5905-721-2385	RN60D8252F	81349	RESISTOR, FIXED, FILM	EA	1
90	44	PADZZ	5905-834-6635	RN60C1213F	81349	RESISTOR, FIXED, FILM	EA	1
90	45	PADZZ	5905-789-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	1
90	46	PADZZ	5905-761-1905	RN60D1332F	81349	RESISTOR, FIXED, FILM	EA	1
90	47	PADZZ	5905-707-4872	RN60D3652F	81349	RESISTOR, FIXED, FILM	EA	1
90	48	PADZZ	5905-194-2324	RN60D2213F	81349	RFSISTOR, FIXED, FILM	EA	1
90	49	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
90	50	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	2
90	51	PADZZ	5905-451-7533	RN60D6811F	81349	RESISTOR, FIXED, FILM	EA	2
90	52	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	1
90	53	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
90	54	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	2
90	55	PADZZ	5905-142-0903	RN60D1102F	81349	RESISTOR, FIXED, FILM	EA	2
90	56	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 7A14 LOGIC, BIT	EA	1
91	1	PADZZ	5910-010-8718	CKO6BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	7
91	2	PADZZ	5961-842-9864	1N914	81349	SBIICONDUCTOR DEVICE, DIODF	EA	16
91	3	PADZZ	5945-406-3076	Ss1-D-2017461-2	80063	RELAY, ARMATURE	EA	1
91	4	PADZZ	5945-478-7662	SM-D-2017461-6	80063	RELAY, ARMATURE	EA	4
91	5	PADZZ	5935-478-7349	9S-D-2017423-46	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
91	6	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	16
91	7	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	4
91	8	PADZZ	5905-195-6404	RN60D3922F	81349	RESISTOR, FIXED, FILM	EA	17
91	9	PADZZ	5905-432-0470	RN60D4641F	81349	RESISTOR, FIXED, FILM	EA	1
91	10	PADZZ	5905-943-3694	RN60D6343F	81349	RESISTOR, FIXED, FILM	EA	9
91	11	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	9
91	12	PADZZ	5905-432-6410	RN60DIOOIF	81349	RESISTOR, FIXED, FILM	EA	1
91	13	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	2
91	14	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM GROUP 7A15 GENERATOR, DITHER	EA	4
92	1	PADZZ	5910-229-7786	CU13CH470SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
92	2	PADZZ	5910-847-7288	CKO6BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	12



DESIG ITEM DESIG ITEM DESIG ITEM DESIG ITEM DESIG ITEM

C1	1	CR5	14	Q8	21	R15	38	R36	50
C2	2	CR6	14	Q9	24	R16	35	R37	40
C3	3	CR7	14	Q10	21	R17	39	R38	40
C4	4	CR8	14	Q11	21	R18	40	R39	40
C5	5	CR9	14	Q12	21	R19	41	R40	51
C6	6	CR10	14	Q13	21	R20	42	R41	40
C7	6	CR11	14	Q14	21	R21	43	R42	40
C8	1	J1	15	R1	25	R22	44	R43	40
C9	7	J2	16	R2	26	R23	32	R44	52
C10	5	J3	17	R3	27	R24	32	R45	51
C11	5	J4	18	R4	28	R25	27	R46	53
C12	8	L1	19	R5	29	R26	45	R47	40
C13	6	L2	19	R6	30	R27	46	R48	54
C14	9	P1	20	R7	31	R28	32	R49	55
C15	10	Q1	21	R8	32	R29	27	R50	28
C16	5	Q2	22	R9	33	R30	47	R51	27
C17	5	Q3	21	R10	34	R31	48	R52	27
CR1	11	Q4	23	R11	35	R32	40	R53	54
CR2	11	Q5	21	R12	36	R33	40	R54	55
CR3	12	Q6	23	R13	37	R34	27	Z1	56
CR4	13	Q7	21	R14	37	R35	49		

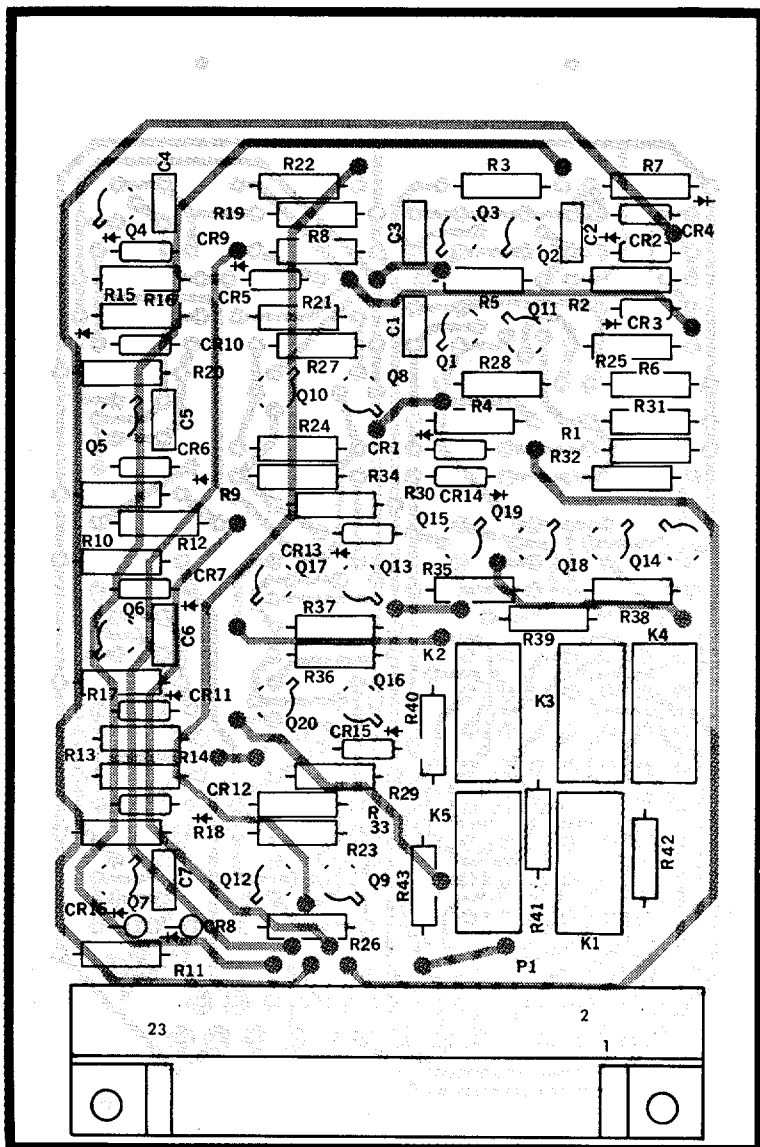


NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A12 (2A1A7)

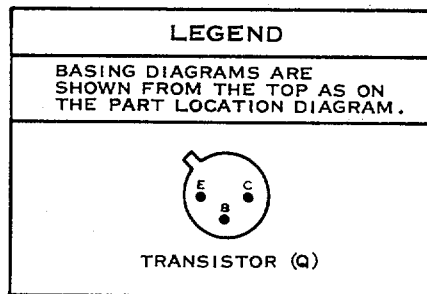
EL5850-41-34P-TM-90

Figure 90. Generator, V/H clock pulse.



DESIG ITEM DESIG ITEM DESIG ITEM DESIG ITEM

C1	1	K1	3	Q18	7	R21	8
C2	1	K2	4	Q19	7	R22	8
C3	1	K3	4	Q20	7	R23	8
C4	1	K4	4	R1	8	R24	8
C5	1	K5	4	R2	8	R25	8
C6	1	P1	5	R3	9	R26	10
C7	1	Q1	6	R4	10	R27	10
CR1	2	Q2	6	R5	10	R28	10
CR2	2	Q3	6	R6	11	R29	11
CR3	2	Q4	6	R7	11	R30	11
CR4	2	Q5	6	R8	8	R31	11
CR5	2	Q6	6	R9	8	R32	8
CR6	2	Q7	6	R10	8	R33	8
CR7	2	Q8	6	R11	8	R34	8
CR8	2	Q9	6	R12	12	R35	8
CR9	2	Q10	6	R13	10	R36	13
CR10	2	Q11	6	R14	10	R37	13
CR11	2	Q12	6	R15	10	R38	8
CR12	2	Q13	6	R16	10	R39	8
CR13	2	Q14	6	R17	11	R40	14
CR14	2	Q15	6	R18	11	R41	14
CR15	2	Q16	6	R19	11	R42	14
CR16	2	Q17	7	R20	11	R43	14



NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A14

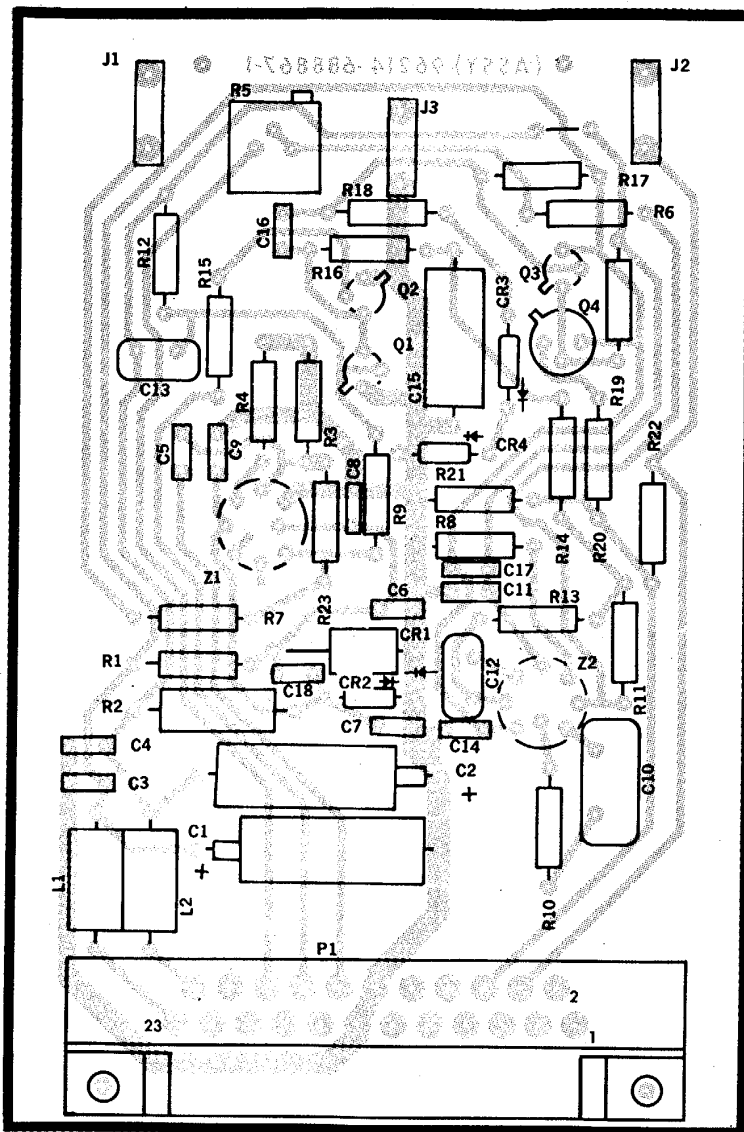
E L5850 - 241 - 34P - T M - 91

Figure 91. Logic, BIT.



SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
92	3	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
92	4	PADZZ	5910-456-0800	CM05FD201J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
92	5	PADZZ	5910-723-5267	CA05ED200J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
92	6	PADZZ	5910-113-5540	CK15BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
92	7	PADZZ	5961-836-0382	1N3022B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
92	8	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
92	9	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
92	10	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
92	11	PADZZ	5935-131-a681	M39024-11-02	81349	JACK, TIP	EA	1
92	12	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
92	13	PADZZ	5950-711-6926	MS75053-2	96906	COIL, RADIO FREQUENCY	EA	2
92	14	PADZZ	5935-236-7732	SM-D-2017423-47	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
92	15	PADZZ	5961-946-6643	2N2432	81349	TRANSISTOR	EA	2
92	16	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	1
92	17	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1
92	18	PADZZ	5905-232-7808	RN60D82R5F	81349	RESISTOR, FIXED, FILM	EA	1
92	19	PADZZ	5905-176-2398	RN65D4320F	81349	RESISTOR, FIXED, FILM	EA	1
92	20	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	3
92	21	PADZZ	5905-255-3664	RT22C2P1003	81349	RESISTOR, VARIABLE, WIREWOUND	EA	1
92	22	PADZZ	5905-452-0768	RN60D6191F	81349	RESISTOR, FIXED, FILM	EA	1
92	23	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3
92	24	PADZZ	5905-951-5717	RN60D3651F	81349	RESISTOR, FIXED, FILM	EA	1
92	25	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
92	26	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	2
92	27	PADZZ	5905-767-0978	RN60D2490F	81349	RESISTOR, FIXED, FILM	EA	1
92	28	PADZZ	5905-707-4872	RN60D3652F	81349	RESISTOR, FIXED, FILM	EA	1
92	29	PADZZ	5905-195-6404	RN60D3922F	81349	RESISTOR, FIXED, FILM	EA	1
92	30	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
92	31	PADZZ	5905-189-2474	RN60D4750F	81349	RESISTOR, FIXED, FILM	EA	1
92	32	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
92	33	PADZZ	5905-452-0742	RN60D1100F	81349	RESISTOR, FIXED, FILM	EA	1
92	34	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
92	35	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPONENT	EA	1
92	36	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 7A16 LOGIC, AUXILIARY DEFLECTION	EA	1
93	1	PADZZ	5910-010-8718	CK06BX1003K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	15
93	2	PADZZ	5910-229-7786	CU13CH470SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
93	3	PADZZ	5910-832-8080	CM05CD180J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
93	4	PADZZ	5910-790-3781	CM06FD222J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
93	5	PADZZ	5910-490-0397	CM05ED470J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
93	6	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
93	7	PADZZ	5910-456-9511	CM06FD272J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
93	8	PADZZ	5961-836-0382	1N3022B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1



**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

TRANSISTOR (Q)

OPERATIONAL AMPLIFIER (Z)

- NOTE: UNLESS OTHERWISE SPECIFIED
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A15 (2A1A11)

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	C15	6
C2	1	C16	2
C3	2	C17	2
C4	2	C18	2
C5	2	CR1	7
C6	2	CR2	8
C7	2	CR3	9
C8	2	CR4	9
C9	2	J1	10
C10	3	J2	11
C11	2	J3	12
C12	4	L1	13
C13	5	L2	13
C14	2	P1	14
Q1	15	R1	18
Q2	15	R2	19
Q3	16	R3	20
Q4	17	R4	20
R1	18	R5	21
R2	19	R6	22
R3	20	R7	23
R4	20	R8	24
R5	21	R9	23
R6	22	R10	25
R7	23	R11	26
R8	24	R12	26
R9	23	R13	20
R10	25	R14	27
R11	26	R15	23
R12	26	R16	25
R13	20	R17	28
R14	27	R18	29
R15	23	R19	30
R16	25	R20	31
R17	28	R21	32
R18	29	R22	33
R19	30	R23	34
R20	31	Z1	35
R21	32	Z2	36
R22	33		
R23	34		
Z1	35		
Z2	36		

EL 5850-241-34P-TM-92

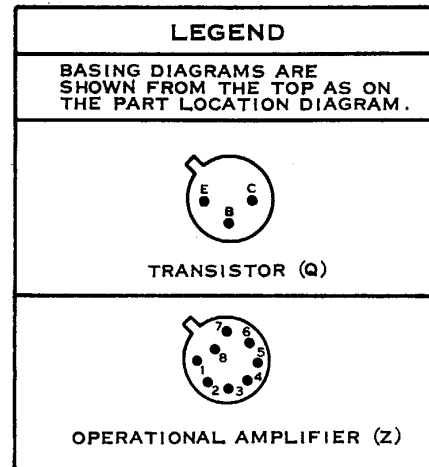
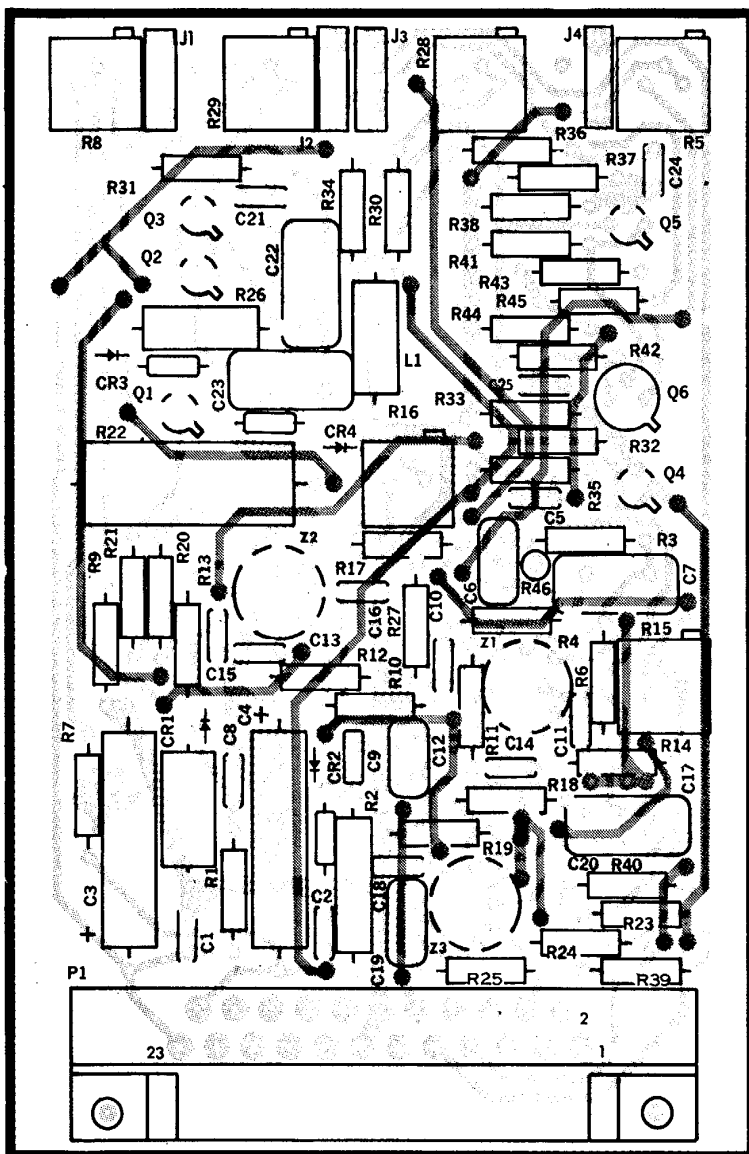
Figure 92. Generator, dither.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
93	9	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
93	10	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
93	11	PADZZ	5961-879-3091	1N755A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
93	12	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
93	13	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
93	14	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
93	15	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
93	16	PADZZ	5950-233-6853	MS90542-06	96906	COIL, RADIO FREQUENCY	EA	1
93	17	PADZZ	5935-243-8517	SM-D-2017423-48	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
93	18	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
93	19	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	2
93	20	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1
93	21	PADZZ	5905-069-3903	RN60D82R5F	81349	RESISTOR, FIXED, FILM	EA	1
93	22	PADZZ	5905-857-6107	RN65D2000F	81349	RESISTOR, FIXED, FILM	EA	1
93	23	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	2
93	24	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	2
93	25	PADZZ	5905-255-3664	RT22C2P103	81349	RESISTOR, VARIABLE, WIREWOUND	EA	4
93	26	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	4
93	27	PADZZ	5905-261-7693	RN60D1621F	81349	RESISTOR, FIXED, FILM	EA	1
93	28	PADZZ	5905-424-9312	RT22C2P201	81349	RESISTOR, VARIABLE, WIREWOUND	EA	1
93	29	PADZZ	5905-099-0545	RN60D1820F	81349	RESISTOR, FIXED, FILM	EA	1
93	30	PADZZ	5905-189-2474	RN60D4750F	81349	RESISTOR, FIXED, FILM	EA	2
93	31	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	2
93	32	PADZZ	5905-006-6988	RN60D7501F	81349	RESISTOR, FIXED, FILM	EA	1
93	33	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	7
93	34	PADZZ	5905-951-5717	RN60D3651F	81349	RESISTOR, FIXED, FILM	EA	1
93	35	PADZZ	5905-581-1007	RN75B5620F	81349	RESISTOR, FIXED, FILM	EA	1
93	36	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	1
93	37	PADZZ	5905-078-8293	RN60D1821F	81349	RESISTOR, FIXED, FILM	EA	1
93	38	PADZZ	5905-025-5987	RN60D2491F	81349	RESISTOR, FIXED, FILM	EA	1
93	39	PADZZ	5905-764-1182	RT22C2P202	81349	RESISTER, VARIABLE, WIREWOUND	EA	1
93	40	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILM	EA	1
93	41	PADZZ	5905-195-6379	RN60D1822F	81349	RESISTOR, FIXED, FILM	EA	1
93	42	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	1
93	43	PADZZ	5905-025-5988	RN60D3321F	81349	RESISTOR, FIXED, FILM	EA	1
93	44	PADZZ	5905-452-0773	RN60D8252F	81349	RESISTOR, FIXED, FILM	EA	1
93	45	PADZZ	5905-192-3876	RN60D1503F	81349	RESISTOR, FIXED, FILM	EA	1
93	46	PADZZ	5905-189-2479	RN60D5622F	81349	RESISTOR, FIXED, FILM	EA	1
93	47	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	1
93	48	PADZZ	5905-051-8004	RN60D4321F	81349	RESISTOR, FIXED, FILM	EA	1
93	49	PADZZ	5905-112-7056	RN60D5620F	81349	RESISTOR, FIXED, FILM	EA	1
93	50	PADZZ	5962-245-5325	SM-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	2

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
93	51	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPONENTS GROUP 7A17 AMPLIFIER, WRITE VIDEO	EA	1
94	1	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
94	2	PADZZ	5910-010-8718	CKO6BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	12
94	3	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
94	4	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
94	5	PADZZ	5910-460-1047	CM05ED510J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
94	6	PADZZ	5910-448-2710	CM07FD512J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
94	7	PADZZ	5910-487-8424	CM05FD391J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
94	8	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
94	9	PADZZ	5961-852-7549	1N754A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
94	10	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
94	11	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
94	12	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
94	13	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
94	14	PADZZ	5945-851-2875	SM-D-2017461-1	80063	RELAY, ARMATURE	EA	1
94	15	PADZZ	5935-236-7833	SM-D-2017423-49	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
94	16	PADZZ	5961-946-6643	2N2432	81349	TRANSISTOR	EA	2
94	17	PADZZ	5961-890-9867	SM-D-2017405-1	80063	TRANSISTOR	EA	1
94	18	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	1
94	19	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
94	20	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	5
94	21	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	2
94	22	PADZZ	5905-261-7693	RN60D1621F	81349	RESISTOR, FIXED, FILM	EA	4
94	23	PADZZ	5905-988-2310	RN60D1000F	8134Q	RESISTOR, FIXED, FILM	EA	2
94	24	PADZZ	5905-104-0922	RT24C2P502	8134q	RESISTOR, VARIABLE	EA	2
94	25	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	7
94	26	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	3
94	27	PADZZ	5905-78q-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	3
94	28	PADZZ	5905-142-0901	RN60OD200F	81349	RESISTOR, FIXED, FILM	EA	3
94	29	PADZZ	5905-243-5622	RN60D3010F	81349	RESISTOR, FIXED, FILM	EA	1
94	30	PADZZ	5905-227-5072	RN60D3920F	81349	RESISTOR, FIXED, FILM	EA	3
94	31	PADZZ	5905-763-6653	RN60D75R0F	81349	RESISTOR, FIXED, FILM	EA	1
94	32	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
94	33	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	2
94	34	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	1
94	35	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	1
94	36	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3
94	37	PADZZ	5905-451-7534	RN60D7500F	81349	RESISTOR, FIXED, FILM	EA	1
94	38	PADZZ	5905-452-0743	RN60D1210F	81349	RESISTOR, FIXED, FILM	EA	1
94	39	PADZZ	5905-110-0950	RT24C2W501	81349	RESISTOR, VARIABLE	EA	2
94	40	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPOSITION	EA	2



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A16 (2A1A10)

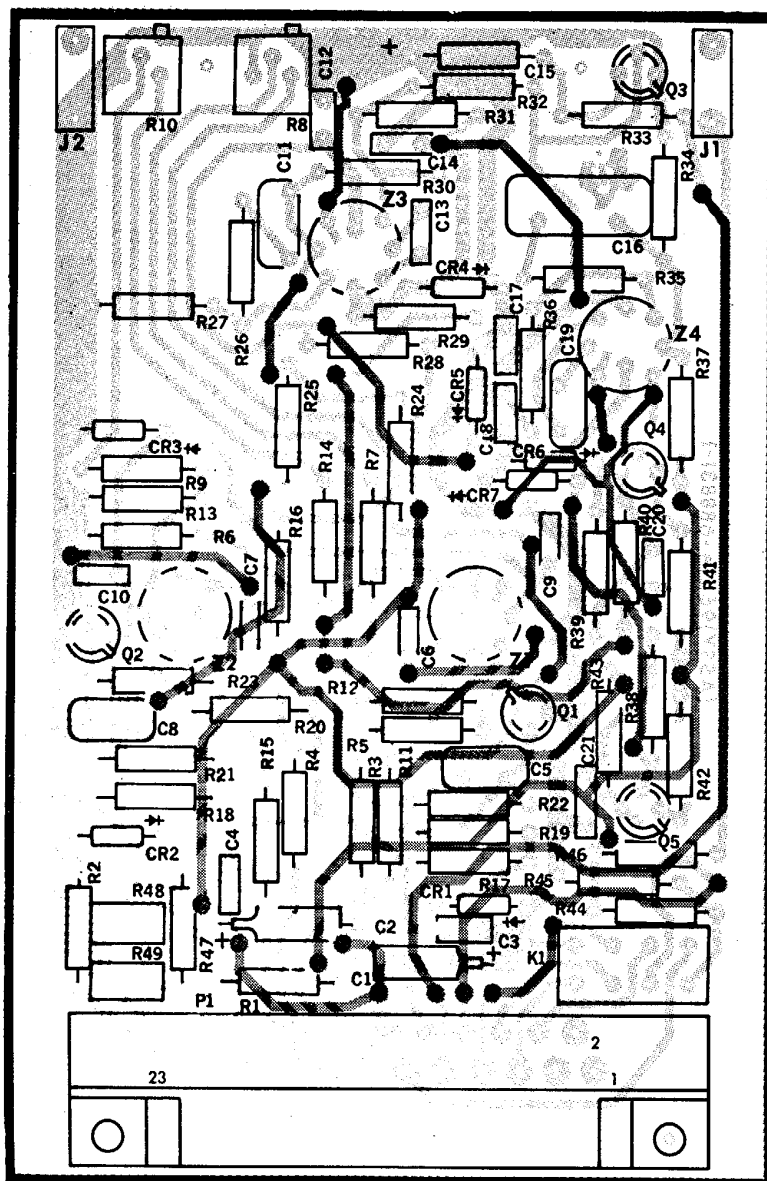
DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	C23	7
C2	1	C24	1
C3	2	C25	1
C4	2	CR1	8
C5	1	CR2	9
C6	3	CR3	10
C7	4	CR4	11
C8	1	J1	12
C9	1	J2	13
C10	1	J3	14
C11	1	J4	15
C12	5	L1	16
C13	1	P1	17
C14	1	Q1	18
C15	1	Q2	19
C16	1	Q3	18
C17	4	Q4	18
C18	1	Q5	19
C19	5	Q6	20
C20	1	R1	21
C21	3	R2	22
C22	6	R3	23
		R4	24
		R5	25
		R6	26
		R7	27
		R8	28
		R9	29
		R10	30
		R11	31
		R12	30
		R13	32
		R14	33
		R15	25
		R16	25
		R17	26
		R18	24
		R19	34
		R20	33
		R21	33
		R22	35
		R23	26
		R24	36
		R25	31
		R26	37
		R27	38
		R28	25
		R29	39
		R30	40
		R31	33
		R32	41
		R33	42
		R34	43
		R35	33
		R36	44
		R37	45
		R38	46
		R39	23
		R40	33
		R41	47
		R42	48
		R43	51
		R44	49
		R45	33
		R46	26
		Z1	50
		Z2	51
		Z3	50

EL 5850-241-34P-TM-93

Figure 93. Logic, auxiliary deflection.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
94	41	PADZZ	5962-245-5325	SM-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP: 7A18 INTERFACE, SYNCHRONIZATION	EP	2
95	1	PADZZ	5910-847-7288	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	4
95	2	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
95	3	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
95	4	PADZZ	5961-815-6895	1N747A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
95	5	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
95	6	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
95	7	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
95	8	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
95	9	PADZZ	5945-256-8951	SM-D-2017461-5	80063	RELAY, ARMATURE	EA	1
95	10	PADZZ	5935-236-7834	SM-D-2017423-50	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
95	11	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	1
95	12	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
95	13	PADZZ	5961-946-6643	2N2432	81349	TRANSISTOR	EA	2
95	14	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM'	EA	8
95	15	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	7
95	16	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	1
95	17	PADZZ	5905-189-2456	RN60D1103F	81349	RESISTOR, FIXED, FILM	EA	4
95	18	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
95	19	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM'	EA	1
95	20	PADZZ	5905-189-2474	RN60D4750F	81349	RESISTOR, FIXED, FILM	EA	1
95	21	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
95	22	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	4
95	23	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	2
95	24	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILM	EA	1
95	25	PADZZ	5905-452-0756	RN60D4221F	81349	RESISTOR, FIXED, FILM	EA	2
95	26	PADZZ	5905-195-6379	RN60D1822F	81349	RESISTOR, FIXED, FILM	EA	1
95	27	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	1
95	28	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	1
95	29	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	1
95	30	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	1
95	31	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT OPERATIONAL AMPLIFIER	EA	2
95	32	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPONENT	EA	3
95	33	PADZZ	5962-117-6091	SM-D-2017453	80063	INTEGRATED CIRCUIT, INPUT GATE GROUP 7A19 INTERFACE, VIDEO	EA	1
96	1	PADZZ	5910-777-6919	CM07FD103J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	4
96	2	PADZZ	5910-010-8718	CKO6BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	8
96	3	PADZZ	5910-490-0397	CM05ED470J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
96	4	PADZZ	5910-954-1769	CM05FD151J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
96	5	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
96	6	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
96	7	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1



**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

TRANSISTOR (Q)

OPERATIONAL AMPLIFIER (Z)

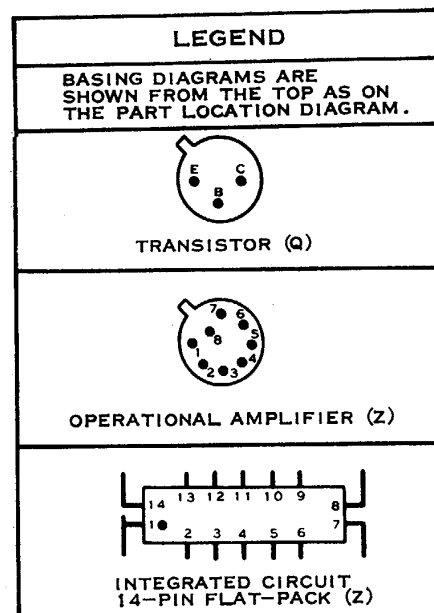
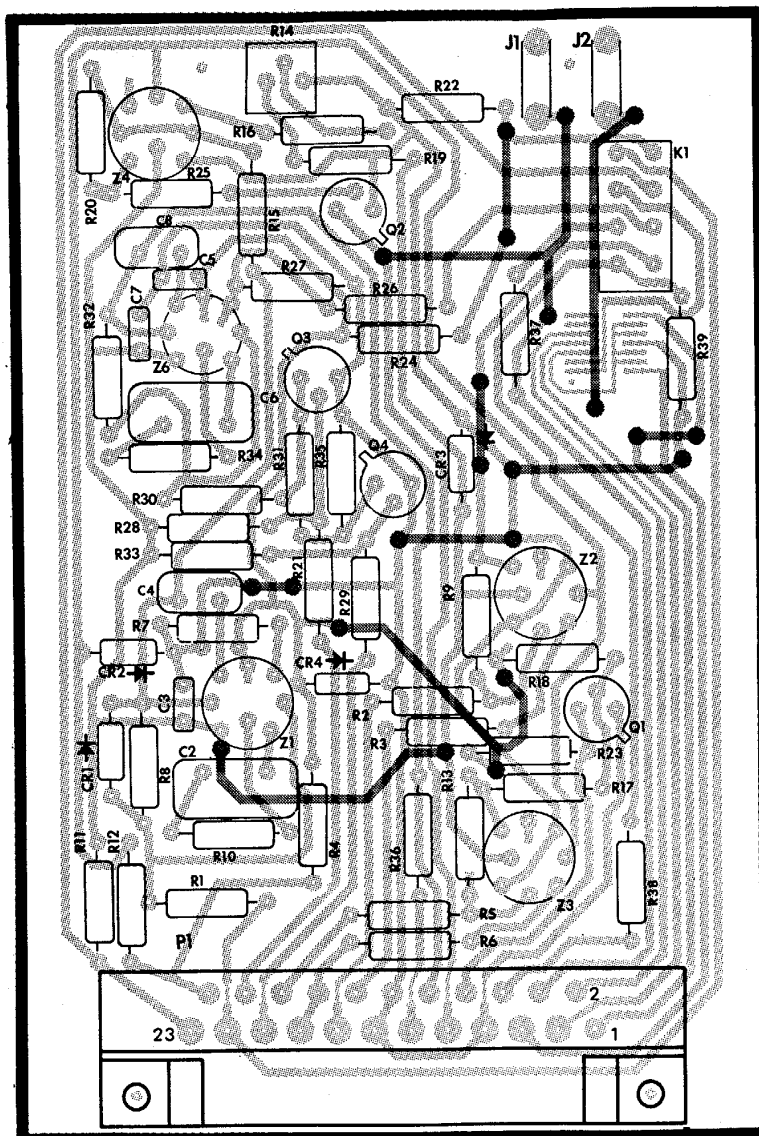
FIELD EFFECT TRANSISTOR (FET) (Q)

NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY SIDE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A17 (2A1A6).

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	CR2	8
C2	1	CR3	9
C3	2	CR4	10
C4	2	CR5	11
C5	3	CR6	8
C6	2	CR7	8
C7	2	J1	12
C8	3	J2	13
C9	2	K1	14
C10	2	P1	15
C11	4	Q1	16
C12	2	Q2	16
C13	5	Q3	17
C14	2	Q4	18
C15	1	Q5	19
C16	6	R1	20
C17	2	R2	20
C18	2	R3	21
C19	7	R4	21
C20	2	R5	22
C21	2	R6	22
CR1	5	R7	23
R8	24	R30	26
R9	23	R31	32
R10	24	R32	25
R11	25	R33	32
R12	22	R34	33
R13	22	R35	34
R14	26	R36	33
R15	25	R37	35
R16	26	R38	25
R17	27	R39	27
R18	27	R40	36
R19	28	R41	20
R20	29	R42	20
R21	28	R43	36
R22	30	R44	37
R23	30	R45	20
R24	25	R46	36
R25	25	R47	38
R26	28	R48	39
R27	25	R49	39
R28	31	Z1	40
R29	30	Z2	40
		Z3	41
		Z4	41

Figure 94. Amplifier, write video.



NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A18

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	Q1	11	R13	17	R29	25
C2	2	Q2	12	R14	21	R30	14
C3	1	Q3	13	R15	22	R31	23
C4	1	Q4	13	R16	22	R32	17
C5	1	R1	14	R17	15	R33	14
C6	2	R2	15	R18	23	R34	18
C7	3	R3	15	R19	24	R35	28
C8	3	R4	16	R20	17	R26	14
CR1	4	R5	15	R21	25	R37	29
CR2	5	R6	15	R22	22	R38	15
CR3	6	R7	14	R23	22	R39	30
CR4	6	R8	14	R24	14	Z1	31
J1	7	R9	17	R25	15	Z2	32
J2	8	R10	18	R26	26	Z3	32
K1	9	R11	19	R27	27	Z4	32
P1	10	R12	20	R28	14	Z5	33
						Z6	31

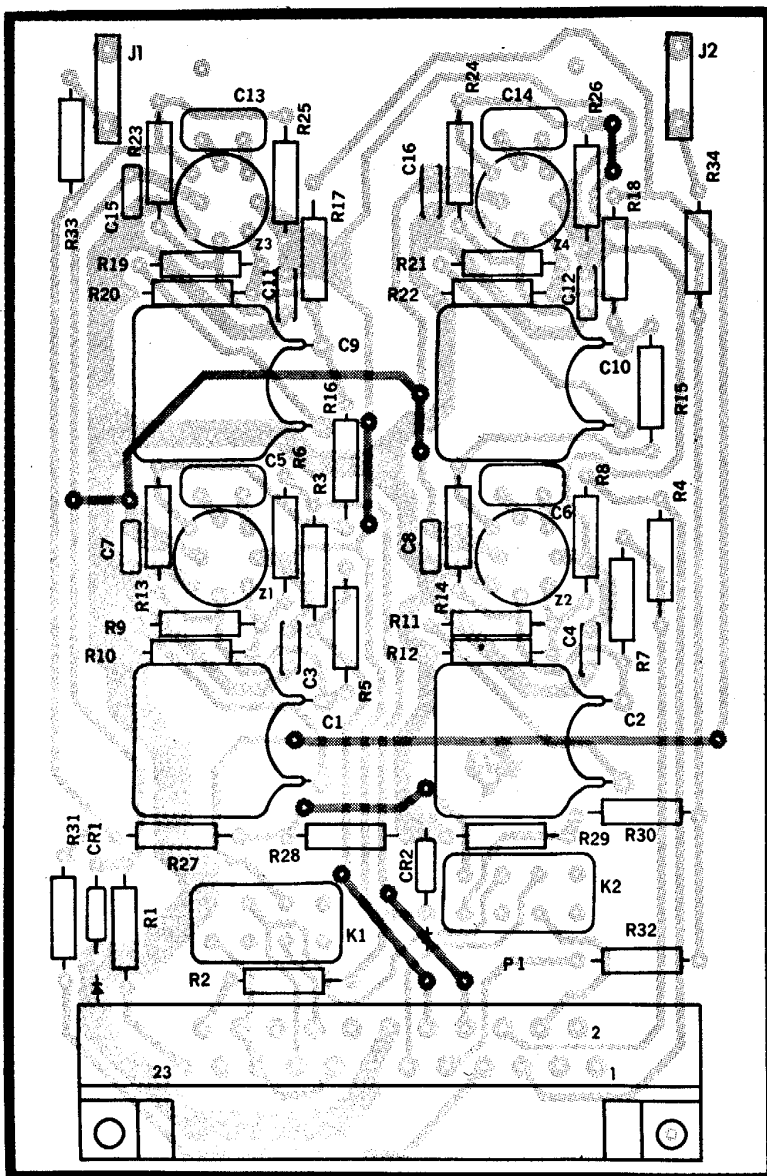
EL5850-241-34P-TM-95

Figure 95. Interface, synchronization.



SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
96	8	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
96	9	PADZZ	5945-406-3076	SM-D-2017461-2	80063	RELAY, ARMATURE	EA	1
96	10	PADZZ	5945-851-2875	SM-D-2017461-1	80063	RELAY, ARMATURE	EA	1
96	11	PADZZ	5935-260-2635	SM-D-2017423-51	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
96	12	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	1
96	13	PADZZ	5905-189-2474	RN60D4750F	81349	RESISTOR, FIXED, FILM	EA	1
96	14	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	4
96	15	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	6
96	16	PAD7Z	5905-702-9485	RN60D22R1F	81349	RESISTOR, FIXED, FILM	EA	4
96	17	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	4
96	18	PAD7Z	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	2
96	19	PADZZ	5905-451-7534	RN60D7500F	81349	RESISTOR, FIXED, FILM	EA	2
96	20	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	2
96	21	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
96	22	PADZZ	5962-245-5325	SM-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 7A20 SIMULATOR, GATE AND VIDEO	EA	4
97	1	PADZZ	5910-188-5247	SM-D-2017484-3	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
97	2	PADZZ	5910-242-2581	SM-D-2017484-2	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
97	3	PADZZ	5910-487-8424	CM05FD391J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	3
97	4	PADZZ	5910-760-8290	CM06FD302J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
97	5	PADZZ	5910-453-8796	CM05FD181J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
97	6	PADZZ	5910-410-9329	CM06FD10PJ03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
97	7	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
97	8	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
97	9	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
97	10	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
97	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
97	12	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
97	13	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
97	14	PADZZ	5950-727-2680	MS75052-5	96906	COIL, RADIO FREQUENCY	EA	1
97	15	PADZZ	5935-482-5121	SM-D-2017423-52	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
97	16	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	9
97	17	PADZZ	5961-926-2569	2N491A	81349	TRANSISTOR	EA	1
97	18	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
97	19	PADZZ	5905-942-2148	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	4
97	20	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	3
97	21	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	2
97	22	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	3
97	23	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	2
97	24	PADZZ	5905-721-2387	RN60D6190F	81349	RESISTOR, FIXED, FILM	EA	1
97	25	PADZZ	5905-960-4393	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
97	26	PADZZ	5905-195-6384	RN60D3012F	81349	RESISTOR, FIXED, FILM	EA	3
97	27	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1



**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM

OPERATIONAL AMPLIFIER (Z)

NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A19 (1A1A8)

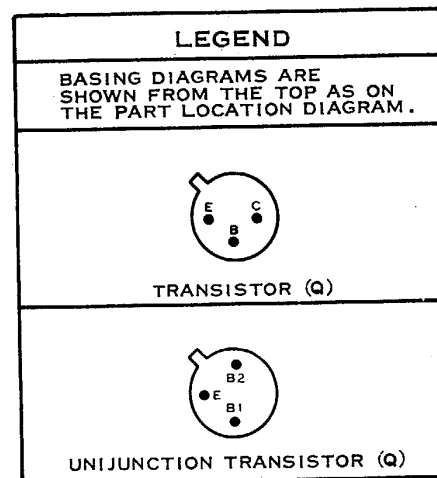
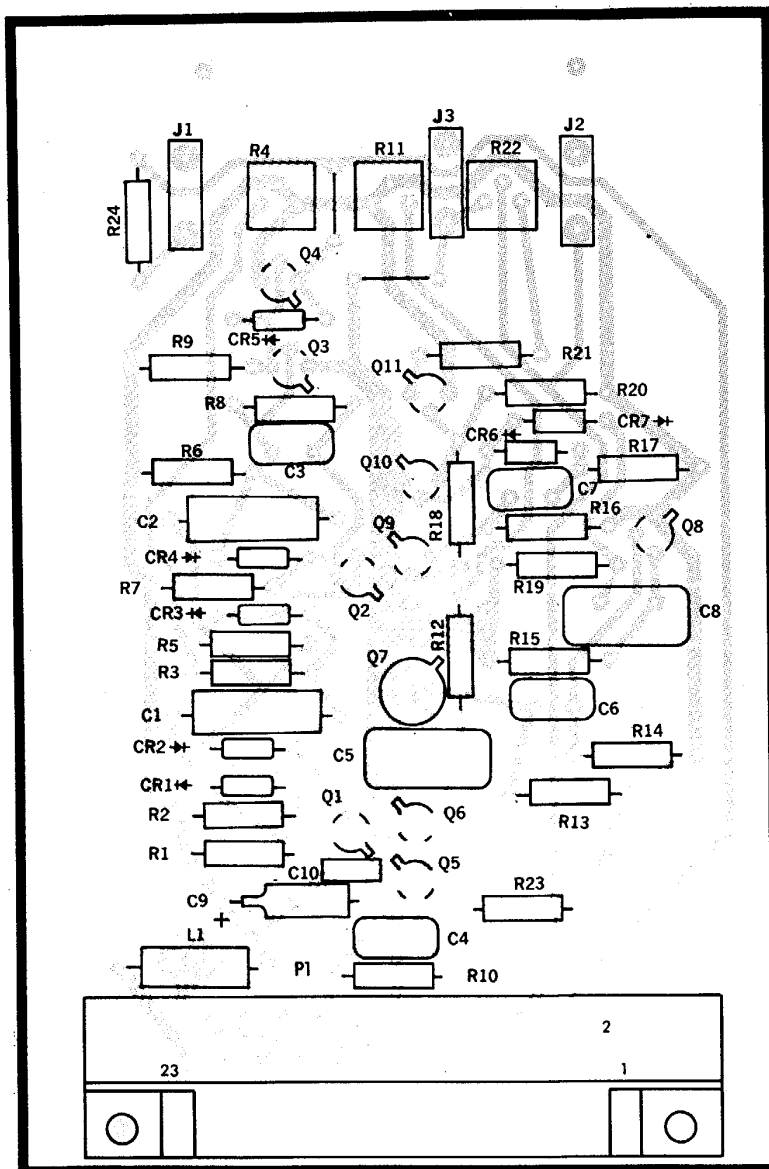
DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	C16	2
C2	1	CR1	5
C3	2	CR2	6
C4	2	J1	7
C5	3	J2	8
C6	3	K1	9
C7	2	K2	10
C8	2	P1	11
C9	1	R1	12
C10	1	R2	13
C11	2	R3	14
C12	2	R4	14
C13	4	R5	15
C14	4	R6	15
C15	2	R7	15
		R8	15
		R9	16
		R10	17
		R11	16
		R12	17
		R13	17
		R14	17
		R15	17
		R16	17
		R17	17
		R18	17
		R19	16
		R20	15
		R21	16
		R22	15
		R23	17
		R24	17
		R25	18
		R26	18
		R27	19
		R28	14
		R29	14
		R30	14
		R31	20
		R32	20
		R33	21
		R34	21
		Z1	22
		Z2	22
		Z3	22
		Z4	22

EL5850-241-34P-TM-96

Figure 96. Interface, video.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
97	28	PADZZ	5905-988-2317	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
97	29	PADZZ	5905-177-7369	RT24C2P101	81349	RESISTOR, VARIABLE  GROUP: 7A21 GENERATOR, READ VERTICAL SWEEP	EA	1
98	1	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
98	2	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
98	3	PADZZ	5910-154-0547	CSR13F476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
98	4	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, DIELECTRIC	EA	2
98	5	PADZZ	5910-229-7757	SM-D-2017484	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
98	6	PADZZ	5910-934-2564	CSR13C127KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
98	7	PADZZ	5910-236-8740	CSR13C475KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
98	8	PADZZ	5910-010-8718	CK06BX103	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
98	9	PADZZ	5910-460-0869	CMO5FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
98	10	PADZZ	5910-136-1037	CSR13C105ML	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
98	11	PADZZ	5961-842-9864	IN914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
98	12	PADZZ	5961-950-9881	1N827	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
98	13	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
98	14	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
98	15	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
98	16	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
98	17	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
98	18	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
98	19	PADZZ	5950-771-2089	MS75054-5	96906	COIL, RADIO FREQUENCY	EA	1
98	20	PADZZ	5935-236-7835	SM-D-2017423-53	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
98	21	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2
98	22	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	3
98	23	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	2
98	24	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	2
98	25	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
98	26	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1
98	27	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	3
98	28	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
98	29	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	1
98	30	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	7
98	31	PADZZ	5905-067-5576	RN60D6813F	81349	RESISTOR, FIXED, FILM	EA	1
98	32	PADZZ	5905-952-6824	RN60D4320F	81349	RESISTOR, FIXED, FILM	EA	1
98	33	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	2
98	34	PADZZ	5905-087-8525	RN60E3922F	81349	RESISTOR, FIXED, FILM	EA	1
98	35	PADZZ	5905-988-2313	RN60D1211F	81349	RESISTOR, FIXED, FILM	EA	2
98	36	PADZZ	5905-732-3859	RN60D15R0F	81349	RESISTOR, FIXED, FILM	EA	1
98	37	PADZZ	5905-138-1283	RN60C1002F	81349	RESISTOR, FIXED, FILM	EA	2
98	38	PADZZ	5905-984-7679	RN60D1213F	81349	RESISTOR, FIXED, FILM	EA	2
98	39	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	1



- NOTE: UNLESS OTHERWISE SPECIFIED
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A20

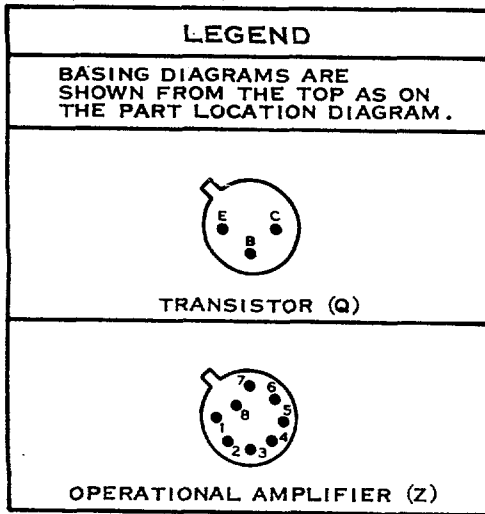
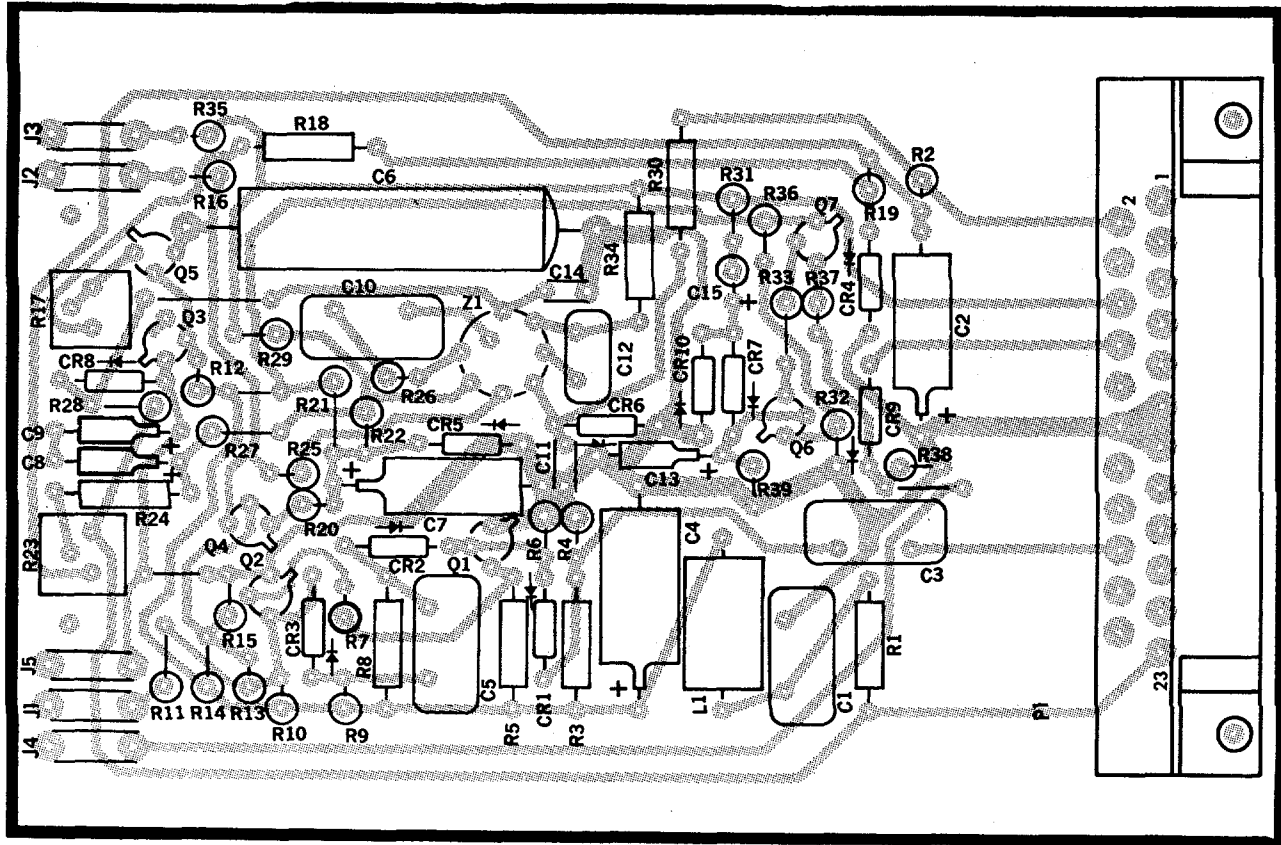
DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	CR5	10	Q7	17	R10	22
C2	2	CR6	10	Q8	18	R11	21
C3	3	CR7	9	Q9	16	R12	20
C4	3	J1	11	Q10	16	R13	24
C5	4	J2	12	Q11	16	R14	22
C6	3	J3	13	R1	19	R15	23
C7	5	L1	14	R2	19	R16	25
C8	6	P1	15	R3	20	R17	26
C9	7	Q1	16	R4	21	R18	26
C10	8	Q2	16	R5	22	R19	27
CR1	9	Q3	16	R6	19	R20	25
CR2	10	Q4	16	R7	19	R21	28
CR3	10	Q5	16	R8	22	R22	29
CR4	9	Q6	16	R9	23	R23	26
						R24	28

EL5850-241-34P-TM-97

Figure 97. Simulator, gate and video.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
98	40	PADZZ	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	2
98	41	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
98	42	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FILM	EA	1
98	43	PADZZ	5905-452-0773	RN60D8252F	81349	RESISTOR, FIXED, FILM	EA	1
98	44	PADZZ	5905-195-6379	RN60D1822F	81349	RESISTOR, FIXED, FILM	EA	1
98	45	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
98	46	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	1
98	47	PADZZ	5962-861-3220	SM-D-2017483	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 7A22 GENERATOR, READ VERTICAL	EA	1
99	1	PADZZ	5910-010-8718	CK06BX103M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
99	2	PADZZ	5910-456-0800	CM05FD201J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
99	3	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
99	4	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	3
99	5	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
99	6	PADZZ	5910-892-9666	SM-D-2017460-2	80063	CAPACITOR, FIXED, FILM	EA	1
99	7	PADZZ	5910-957-8577	CM05ED680J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
99	8	PADZZ	5910-902-0335	CM05CD100D03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
99	9	PADZZ	5910-113-5445	CK05BX101K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
99	10	PADZZ	5910-113-5499	CK06BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
99	11	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
99	12	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
99	13	PADZZ	5961-842-9864	11914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	9
99	14	PADZZ	5961-950-9881	1N827	81349 8	SEMI CONDUCTOR DEVICE, DIODE	EA	2
99	15	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
99	16	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
99	17	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
99	18	PADZZ	5935-242-2068	SM-D-2017423-54	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
99	19	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	4
99	20	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	6
99	21	PADZZ	5961-946-6643	2N2432	81349	TRANSISTOR	EA	1
99	22	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	3
99	23	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	4
99	24	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
99	25	PADZZ	5905-984-7680	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	1
99	26	PADZZ	5905-764-9826	RN60D1271F	81349	RESISTOR, FIXED, FILM	EA	2
99	27	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	8
99	28	PADZZ	5905-988-2309	RN60D10R0F	8134a	RESISTOR, FIXED, FILM	EA	2
99	29	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	1
99	30	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	1
99	31	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3
99	32	PADZZ	5905-025-5988	RN60D3321F	81349	RESISTOR, FIXED, FILM	EA	1
99	33	PADZZ	5905-067-5576	RN60D6813F	81349	RESISTOR, FIXED, FILM	EA	1



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	J3	16	R15	30
C2	2	J4	17	R16	30
C3	1	J5	18	R17	33
C4	3	L1	19	R18	34
C5	4	P1	20	R19	35
C6	5	Q1	21	R20	36
C7	6	Q2	21	R21	35
C8	7	Q3	22	R22	37
C9	7	Q4	23	R23	33
C10	4	Q5	22	R24	38
C11	8	Q6	22	R25	39
C12	9	Q7	23	R26	27
C13	10	R1	24	R27	38
C14	8	R2	24	R28	40
C15	7	R3	25	R29	37
CR1	11	R4	26	R30	40
CR2	11	R5	27	R31	41
CR3	11	R6	26	R32	42
CR4	12	R7	28	R33	43
CR5	12	R8	29	R34	30
CR6	13	R9	27	R35	30
CR7	11	R10	26	R36	44
CR8	13	R11	30	R37	45
CR9	11	R12	31	R38	30
CR10	11	R13	32	R39	46
J1	14	R14	30	Z1	47
J2	15				

NOTE: UNLESS OTHERWISE SPECIFIED

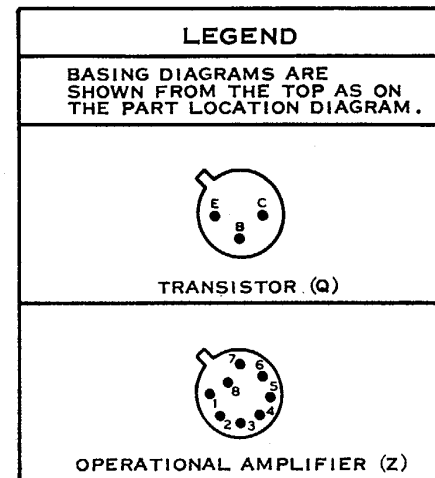
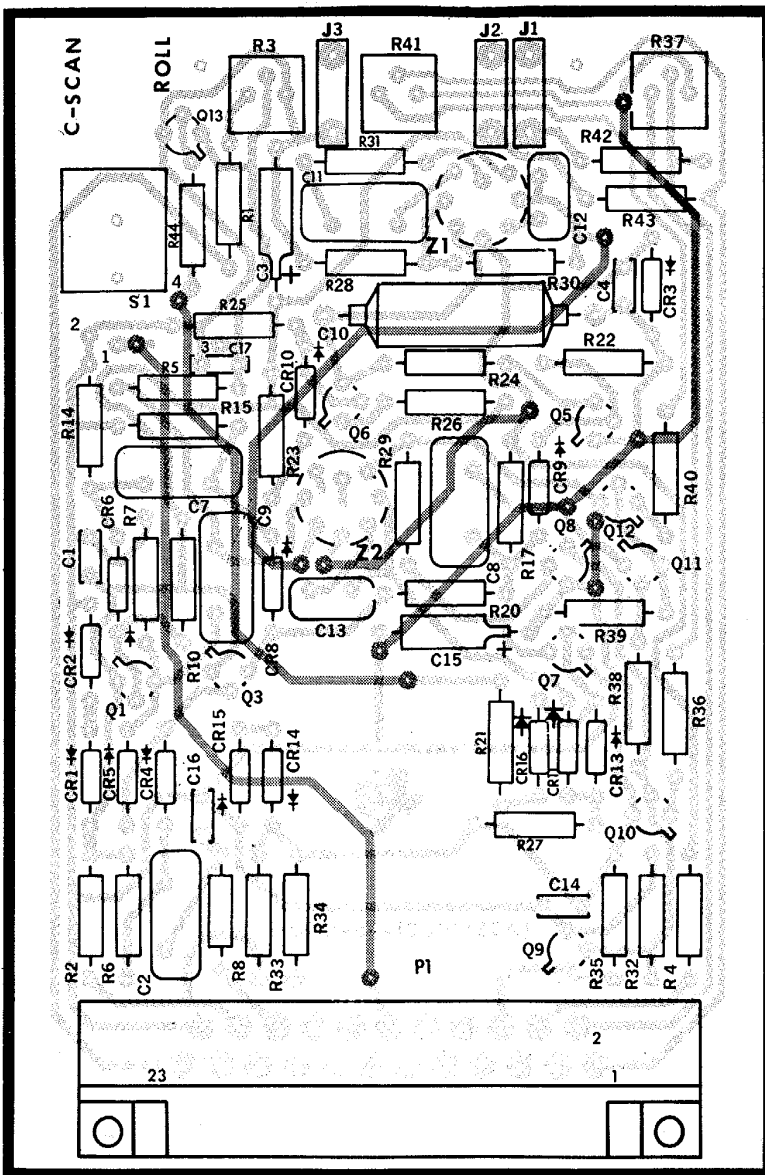
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A21 (2A1A3)

EL5850- 241 - 34P - TM - 98

Figure 98. Generator, read vertical sweep.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
99	34	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	2
99	35	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
99	36	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
99	37	PADZZ	5905-452-0773	RN60D8250F	81349	RESISTOR, FIXED, FILM	EA	2
99	38	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	2
99	39	PADZZ	5905-200-9602	RN60D4021F	81349	RESISTOR, FIXED, FILM	EA	1
99	40	PADZZ	5930-892-9714	MS24656-231	96906	SWITCH, TOGGLE	EA	1
99	41	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP: 7A23 GENERATOR, SYNCHRONIZATION	EA	2
100	1	PADZZ	5910-154-0547	CSR13F476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
100	2	PADZZ	5910-113-5689	CSR13E476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
100	3	PADZZ	5910-762-7886	CM06FD431J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
100	4	PADZZ	5910-838-8944	CM06FD152J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
100	5	PADZZ	5910-176-7335	CM05FD121J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
100	6	PADZZ	5910-761-7112	CSR13F565KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
100	7	PADZZ	5910-164-2031	CSR13B565KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
100	8	PADZZ	5910-163-2189	CSR13G103KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
100	9	PADZZ	5910-096-4644	CK05BX330K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
100	10	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DIODE	EA	11
100	11	PADZZ	5935-131-9680	M39024-11-01	81349	JACK, TIP	EA	1
100	12	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
100	13	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
100	14	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
100	15	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
100	16	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	1
100	17	PADZZ	5935-243-8518	SM-D-2017423-55	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
100	18	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	14
100	19	PADZZ	5905-732-3859	RN60D15R0F	81349	RESISTOR, FIXED, FILM	EA	1
100	20	PADZZ	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM	EA	2
100	21	PADZZ	5905-194-1695	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	8
100	22	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	3
100	23	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	5
100	24	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	13
100	25	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
100	26	PADZZ	5905-062-0151	RN60D1622F	81349	RESISTOR, FIXED, FILM	EA	4
100	27	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	2
100	28	PADZZ	5962-117-6075	SM-D-2017398-2	80063	INTEGRATED CIRCUIT, FLIP-FLOP	EA	6
100	29	PADZZ	5962-117-6092	SM-D-2017456-2	80063	INTEGRATED CIRCUIT, INPUT GATE GROUP 7A24 OSCILLATOR, 100 Hz	EA	1
101	1	PADZZ	5910-051-2232	SM-D-2017484-5	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
101	2	PADZZ	5910-460-0868	CM0S5FD101J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
101	3	PADZZ	5910-280-7973	CK63AW103M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
101	4	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
101	5	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1



NOTE: UNLESS OTHERWISE SPECIFIED

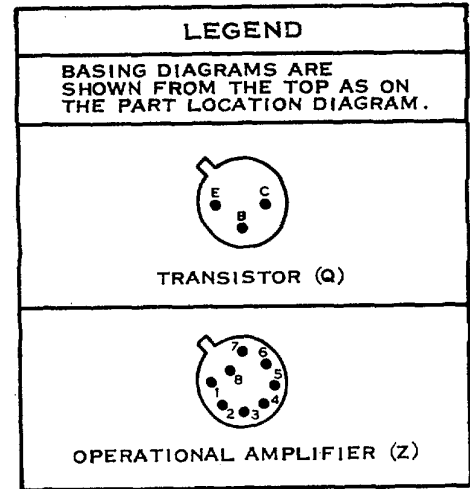
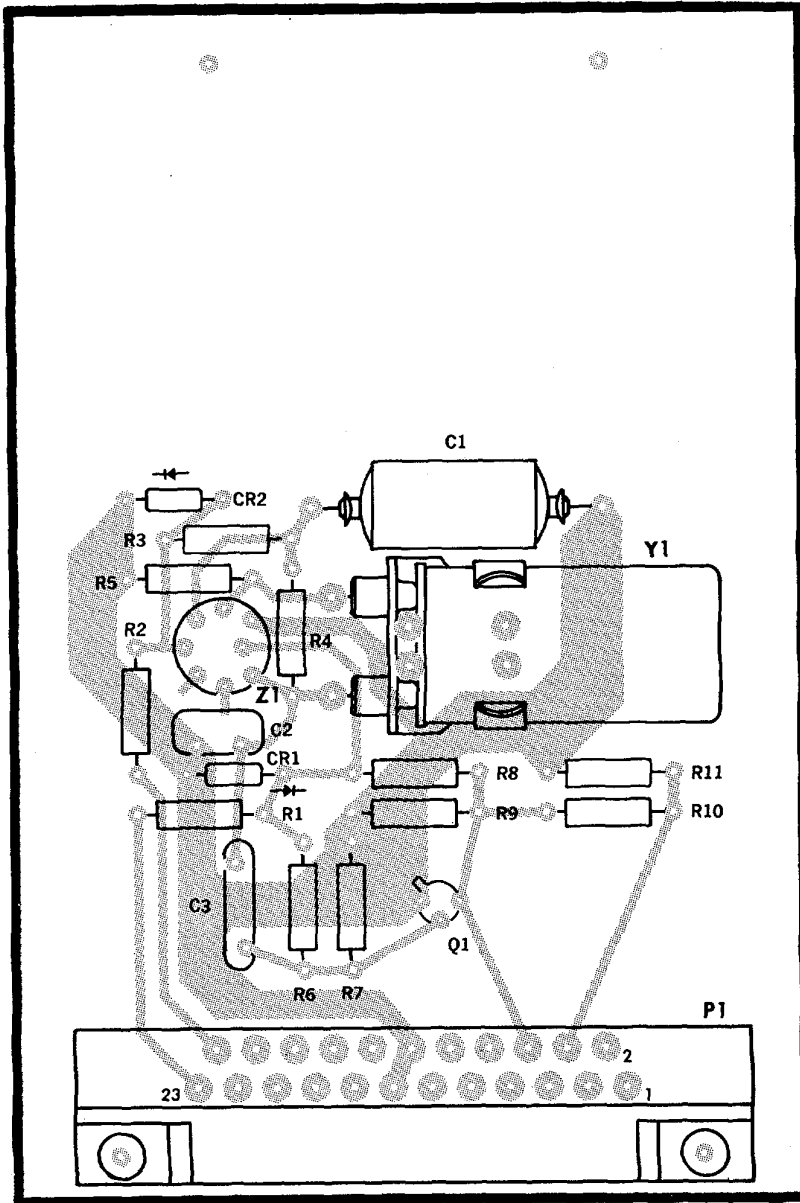
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A22

REF	ITEM	REF	ITEM	REF	ITEM	REF	ITEM
C1	1	CR8	13	Q12	20	R27	27
Q2	2	CR9	13	Q13	21	R28	34
Q3	3	CR10	13	R1	22	R29	22
Q4	1	CR11	13	R2	23	R30	35
Q7	4	CR13	13	R3	24	R31	36
Q8	5	CR14	14	R4	23	R32	27
Q9	4	CR15	14	R5	25	R33	23
C10	6	CR16	13	R6	26	R34	23
C11	4	J1	15	R7	27	R35	22
C12	7	J2	16	R8	28	R36	37
C13	8	J3	17	R10	29	R37	38
C14	1	P1	18	R14	30	R38	34
C15	3	Q1	19	R15	27	R39	39
C16	9	Q3	19	R17	27	R40	37
C17	10	Q5	20	R20	26	R41	38
CR1	11	Q6	19	R21	27	R42	31
CR2	11	Q7	20	R22	31	R43	31
CR3	12	Q8	20	R23	27	R44	27
CR4	13	Q9	19	R24	28	S1	40
CR5	13	Q10	20	R25	32	Z1	41
CR6	13	Q11	20	R26	33	Z2	41

E L 5850-241-34P-TM-99

Figure 99. Generator, read vertical synchronization.





NOTE, UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A24 (2A1A1).

DESIG ITEM DESIG ITEM DESIG ITEM

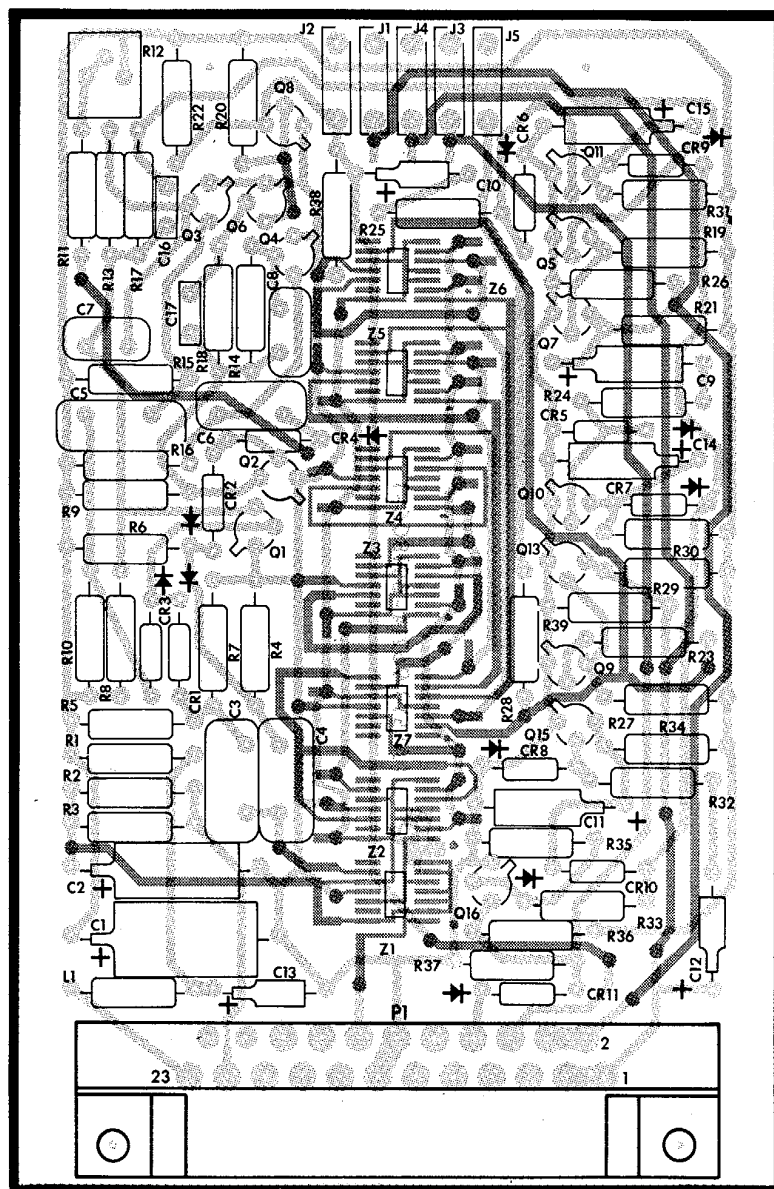
C1	1	R1	8	R8	11
C2	2	R2	9	R9	11
C3	3	R3	10	R10	11
CR1	4	R4	11	R11	15
CR2	5	R5	12	XY1	16
P1	6	R6	13	Y1	17
Q1	7	R7	14	Z1	18

EL5850-241-34P-TM-100

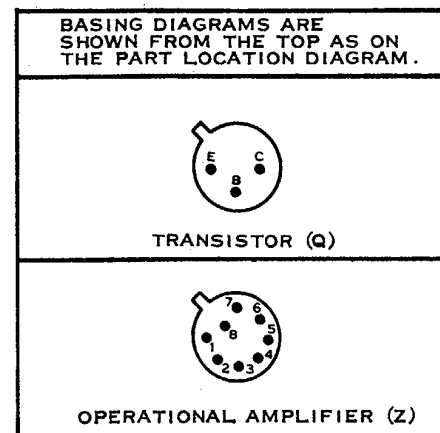
Figure 100. Generator, synchronization.

SECTION II REPAIR PARTS LIST (CONTINUE D)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
101	6	PADZZ	5935-260-3644	SM-D-2017423-56	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
101	7	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
101	8	PADZZ	5905-432-6411	RN60D3320F	81349	RESISTOR, FIXED, FILM	EA	1
101	9	PADZZ	5905-137-0806	RN60D9090F	81349	RESISTOR, FIXED, FILM	EA	1
101	10	PADZZ	5905-452-0769	RN60D6192F	81349	RESISTOR, FIXED, FILM	EA	1
101	11	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	4
101	12	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILM	EA	1
101	13	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
101	14	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
101	15	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	1
101	16	PADZZ	5935-959-4929	SM-D-2017409-1	80063	SOCKET, CRYSTAL	EA	1
101	17	PADZZ	5955-882-8346	CR37AU100KH	81349	CRYSTAL UNIT, QUARTZ	EA	1
101	18	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPONENT GROUP 7A25 ASSEMBLY, CONVERTER SUBASSEMBLY HEATSINK	EA	1
102	1	PAFZZ	5935-489-9999	M24308-4-3	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
102	2	PADZZ	5961-085-0468	SM-D-2019252-1	80063	TRANSISTOR	EA	4
102	3	PADZZ	5961-115-9923	SM-D-2017485-1	80063	TRANSISTOR	EA	1
102	4	PADZZ	5961-923-3951	2N2151	81349	TRANSISTOR	EA	3
102	5	PADZZ	5905-931-1738	RW79U1002F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
102	6	PADZZ	5961-813-9009	1N3009B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
102	7	PADZZ	5961-069-2469	2N1724	81349	TRANSISTOR	EA	1
102	8	PAFZZ	4140-480-1248	S1-D-2017384-12	80063	FAN, VANE AXIAL GROUP: 7A26 ASSEMBLY, CONVERTER SUBASSEMBLY COMPONENT TRAY	EA	1
103	1	PAHZZ	5905-466-1417	RF65G4990	81349	RESISTOR, FIXED, WIREWOUND	EA	1
103	2	PAHZZ	5935-489-9999	M24308-4-3	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
103	3	PAHZZ	5935-410-9252	M24308-4-4	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
103	4	PAHZZ	5945-102-6139	SM-D-2017401-8	80063	RELAY, ARMATURE	EA	1
103	5	PAHZZ	5945-451-7661	SM-D-2017461-4	80063	RELAY, ARMATURE	EA	1
103	6	PAHZZ	5950-469-7467	SM-D-2019285	80063	TRANSFORMER, POWER, STEP DOWN	EA	1
103	7	PAHZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	2
103	8	PAHZZ	5910-142-6953	CU13CS100SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
103	9	PAHZZ	5961-899-8173	1N647	81349	SEMICONDUCTOR DEVICE, DIODE GROUP: 8 CONVERTER, VIDEO CV-2666/AAS-24	EA	2
104	1	PAFZZ	4140-451-5069	SM-D-2019155	80063	FAN, VIDEO CONVERTER	EA	1
104	2	PADZZ	5935-059-6946	MS3122E22-55PW	96906	CONNECTOR, RECEPTACLE, ELECTRIC	EA	1
104	3	PADZZ	5935-404-8893	SM-D-2017433-12	80063	CONNECTOR, RECEPTACLE, ELECTRIC	EA	1
104	4	PADZZ	5935-260-2713	SM-D-2017433-13	80063	CONNECTOR, RECEPTACLE, ELECTRIC	EA	1
104	5	PAFZZ	6645-255-1371	MS17322-6A	96906	METER, TD-E TOTALIZING	EA	1
104	6	PBFFD		SM-E-2019097	80063	SHELF ASSEMBLY, UPPER	EA	1
104	7	PAFDD	5850-409-8108	SM-D-2019170	80063	GATING, AUXILIARY DEFLECTION	EA	1
104	8	PAFDD	5850-409-8102	SM-D-2019173	80063	AMPLIFIER, DEFLECTION AUXILIARY	EA	1



LEGEND



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A23 (2A1A2)

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	CR8	10	Q16	18	R24	24
C2	2	CR9	10	R1	19	R25	24
C3	3	CR10	10	R2	20	R26	24
C4	3	CR11	10	R3	20	R27	27
C5	4	J1	11	R4	21	R28	24
C6	4	J2	12	R5	22	R29	21
C7	5	J3	13	R6	22	R30	24
C8	5	J4	14	R7	21	R31	24
C9	6	J5	15	R8	23	R32	24
C10	7	L1	16	R9	23	R33	24
C11	6	P1	17	R10	24	R34	27
C12	7	Q1	18	R11	21	R35	24
C13	8	Q2	18	R12	25	R36	24
C14	6	Q3	18	R13	26	R37	21
C15	6	Q4	18	R14	26	R38	21
C16	9	Q5	18	R15	23	R39	22
C17	9	Q6	18	R16	23	Z1	28
CR1	10	Q7	18	R17	26	Z2	28
CR2	10	Q8	18	R18	26	Z3	28
CR3	10	Q9	18	R19	24	Z4	28
CR4	10	Q10	18	R20	24	Z5	28
CR5	10	Q11	18	R21	21	Z6	28
CR6	10	Q13	18	R22	21	Z7	29
CR7	10	Q15	18	R23	23		

EL5850-241-34P-TM-101

Figure 101. Oscillator assembly 100 kHz.

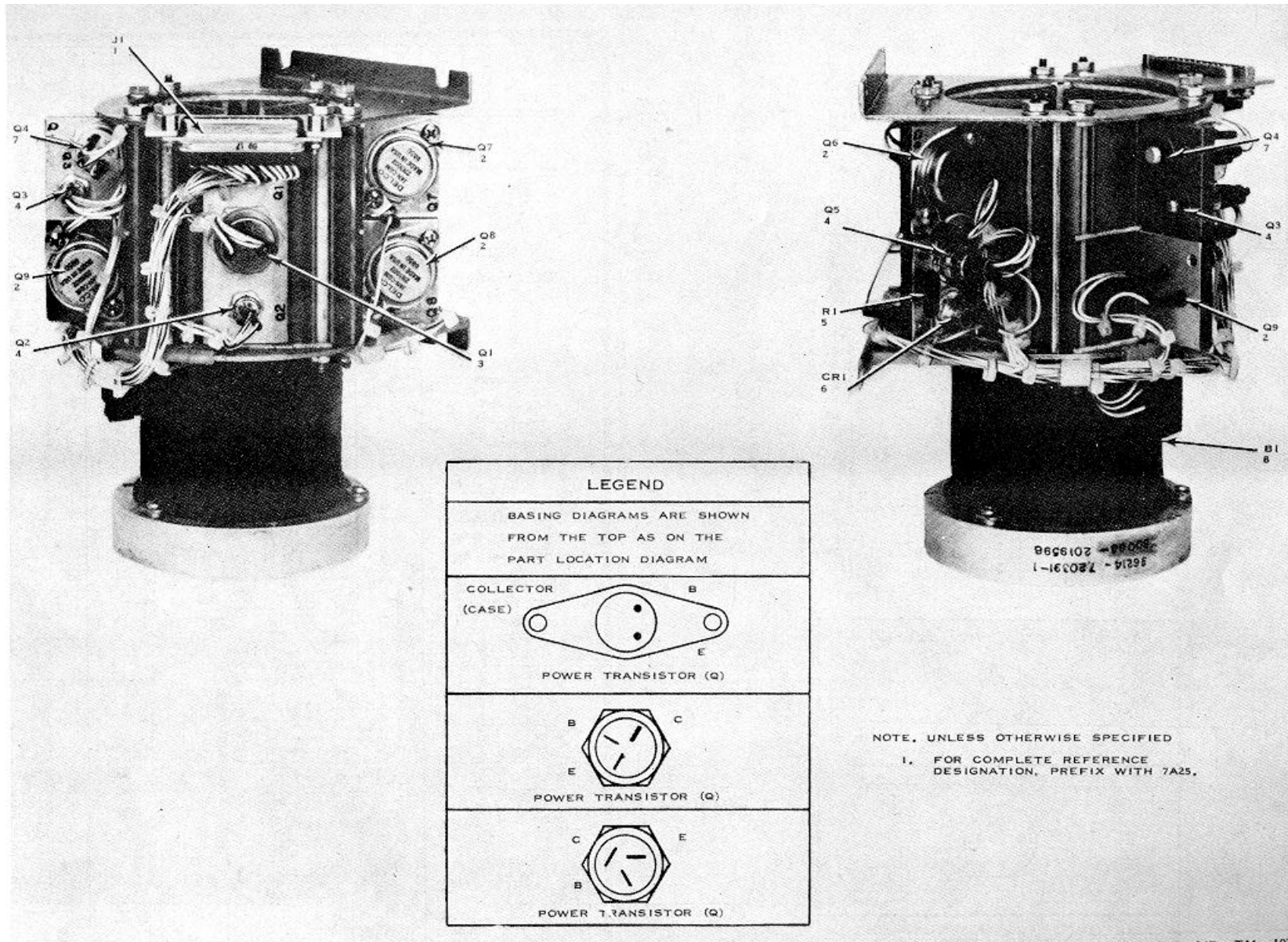
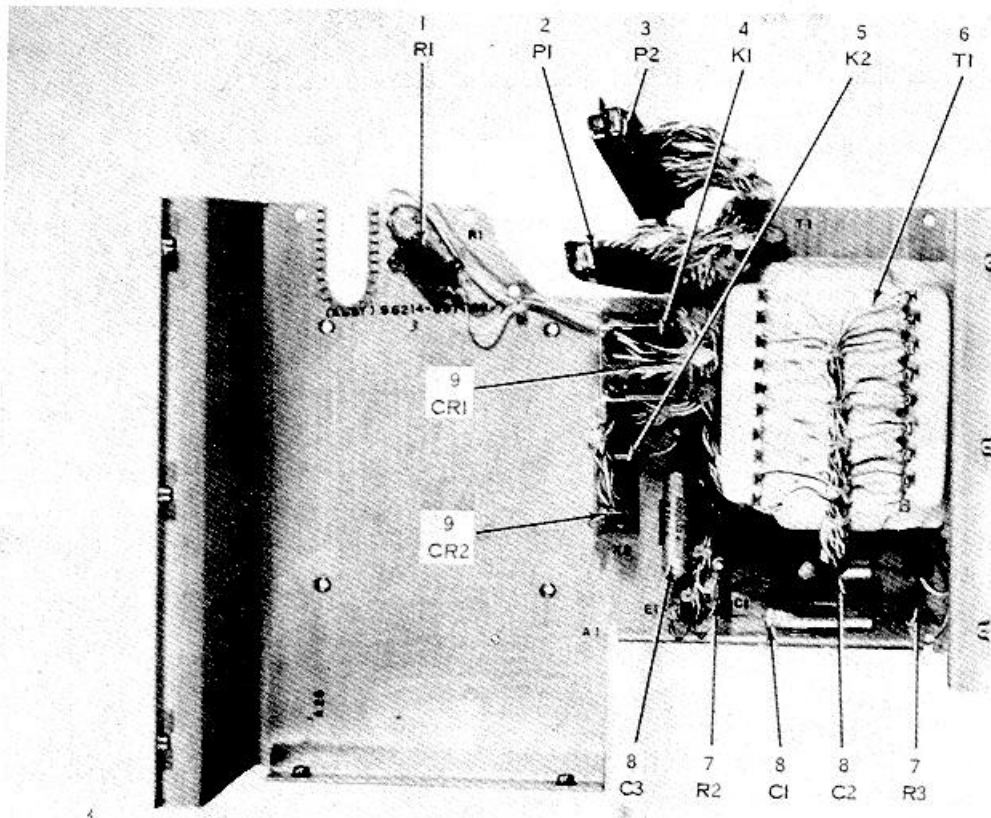


Figure 102. Converter subassembly heatsink assembly.



NOTE: UNLESS OTHERWISE SPECIFIED

- 1 BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE
- 2 FOR COMPLETE REFERENCE DESIGNATION, PREFIX WITH 7A26.

EL5850-241-34P-TM-103

Figure 103. Converter subassembly component tray assembly.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
104	9	PAFDD	5850-449-0706	SM-D-2019177	80063	SWITCH, CATHODE, WRIT	EA	1
104	10	PAFDD	5850-449-0674	SM-D-2019180	80063	SWITCH, GRID, WRITE	EA	1
104	11	PAFDD	5850-449-0587	SM-D-2019183	80063	AMPLIFIER, DEFLECTION, HORIZONTAL WRIT	EA	1
104	12	PAFDD	5850-292-5738	SM-D-2019186	80063	AMPLIFIER, DEFLECTION VERTICAL WRIT	EA	1
104	13	PAFDD	5850-449-0679	SM-D-2019189	80063	AMPLIFIER, DEFLECTION VERTICAL, READ	EA	1
104	14	PAFDD	5850-242-5731	SM-D-2019195	80063	DRIVER, DEFLECTION, HORIZONTAL, READ	EA	1
104	15	PAFDD	5850-242-5732	SM-D-2019192	80063	DRIVER, DEFLECTION, READ HORIZONTAL	EA	1
104	16	PAFDD	5850-242-5728	SM-D-2019201	80063	CONTROL, FOCUS, WRITE	EA	1
104	17	PAFDD	5850-449-0588	SM-D-2019198	80063	CONTROL, FOCUS, READ	EA	1
104	18	PAFDD	5999-410-4298	SM-D-2019135	80063	HEAT SINK ASSEMBLY	EA	1
104	19	PADZZ	5930-579-8144	MS16106-1	96906	SWITCH, SENSITIVE INTERLOCK	EA	1
104	20	PAFDD	5850-431-0331	SM-D-2019085	80063	AMPLIFIER ASSEMBLY INTERFACE	EA	1
104	21	PAHDD	5850-198-3065	SM-E-2019014	80063	SHIELDED TUBE ASSEMBLY	EA	1
104	22	PAFDD	5850-186-1172	5-D-2019076	80063	BIAS ASSEMBLY	EA	1
104	23	PAFDD	5850-433-2329	S9-E-2019103	80063	POWER SUPPLY 4 KILOVOLTS	EA	1
104	24	PADZZ	5950-470-1442	SM-D-2018621	80063	REACTOR	EA	1
104	25	PADZZ	5910-248-6899	CL17B201MPG	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
104	26	PADZZ	5935-466-3394	M24308-4-1	81349	CONNECTOR, PLUG, ELECTRICAL	KA	1
104	27	PAFZZ	4140-958-1250	SM-D-2017382-7	80063	FAN, TUBEAXIAL	EA	1
104	28	PAFZZ	5975-727-5153	M\$17821-4-9	96906	STRAP, CABLE	EA	1
104	29	PADZZ	5935-490-5219	M24308-2-1	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
104	30	PADZZ	5995-007-2596	SM-C-2017448-2	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	31	PADZZ	5935-260-3304	SM-C-2019691-2	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	32	PADZZ	5935-410-9250	M24308-2-3	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	2
104	33	PADZZ	5935-194-7774	SM-D-2019405-10	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
104	34	PADZZ	5935-490-5220	M24308-2-2	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
104	35	PADZZ	5935-489-9999	M24308-4-3	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	36	PADZZ	5935-260-3321	SM-D-2017452-67	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	37	PADZZ	5935-260-3325	SM-D-2017452-68	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	38	PADZZ	5935-472-0278	SM-D-2017452-66	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	39	PADZZ	5935-260-2327	SM-D-2017452-72	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	40	PADZZ	5935-260-3316	SM-D-2017452-65	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	41	PADZZ	5935-405-1172	SM-D-2017452-64	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	42	PADZZ	5935-236-7727	SM-D-2017452-63	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	43	PADZZ	5935-236-7726	SM-D-2017452-62	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	44	PADZZ	5935-236-7722	SM-D-2017452-61	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	45	PADZZ	5935-260-3515	SM-D-2017452-60	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	46	PADZZ	5935-236-7719	SM-D-2017452-59	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	47	PADZZ	5935-490-8706	SM-C-2019615-1	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
104	48	XBDZZ	5940-983-6047	37TB6	81349	TERMINAL BOARD	EA	1
104	49	PADZZ	5935-256-8930	SM-C-2019691-1	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
104	50	ADFDD		SM-E-2019710	80063	WIRING HARNESS, UPPER SHELF	EA	1

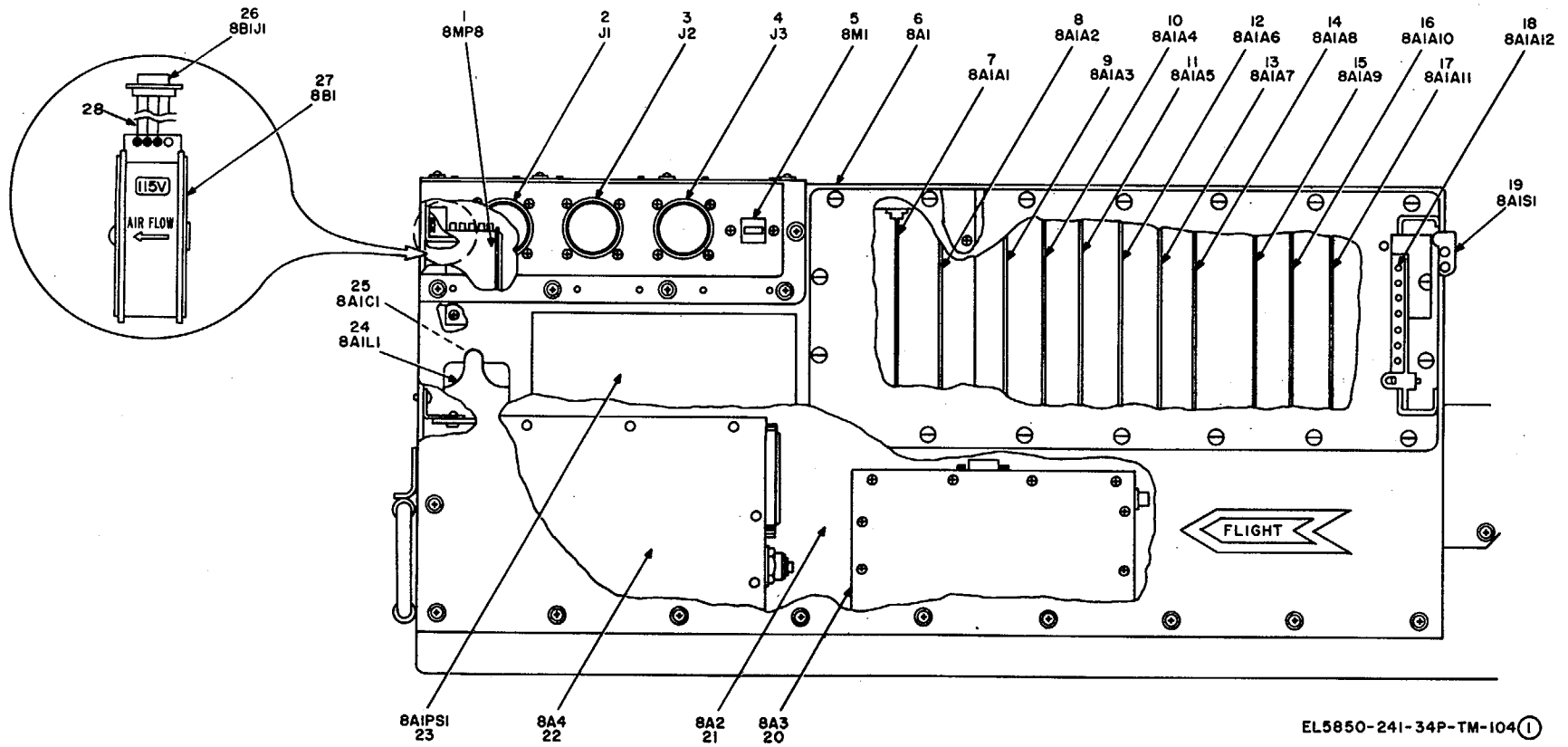
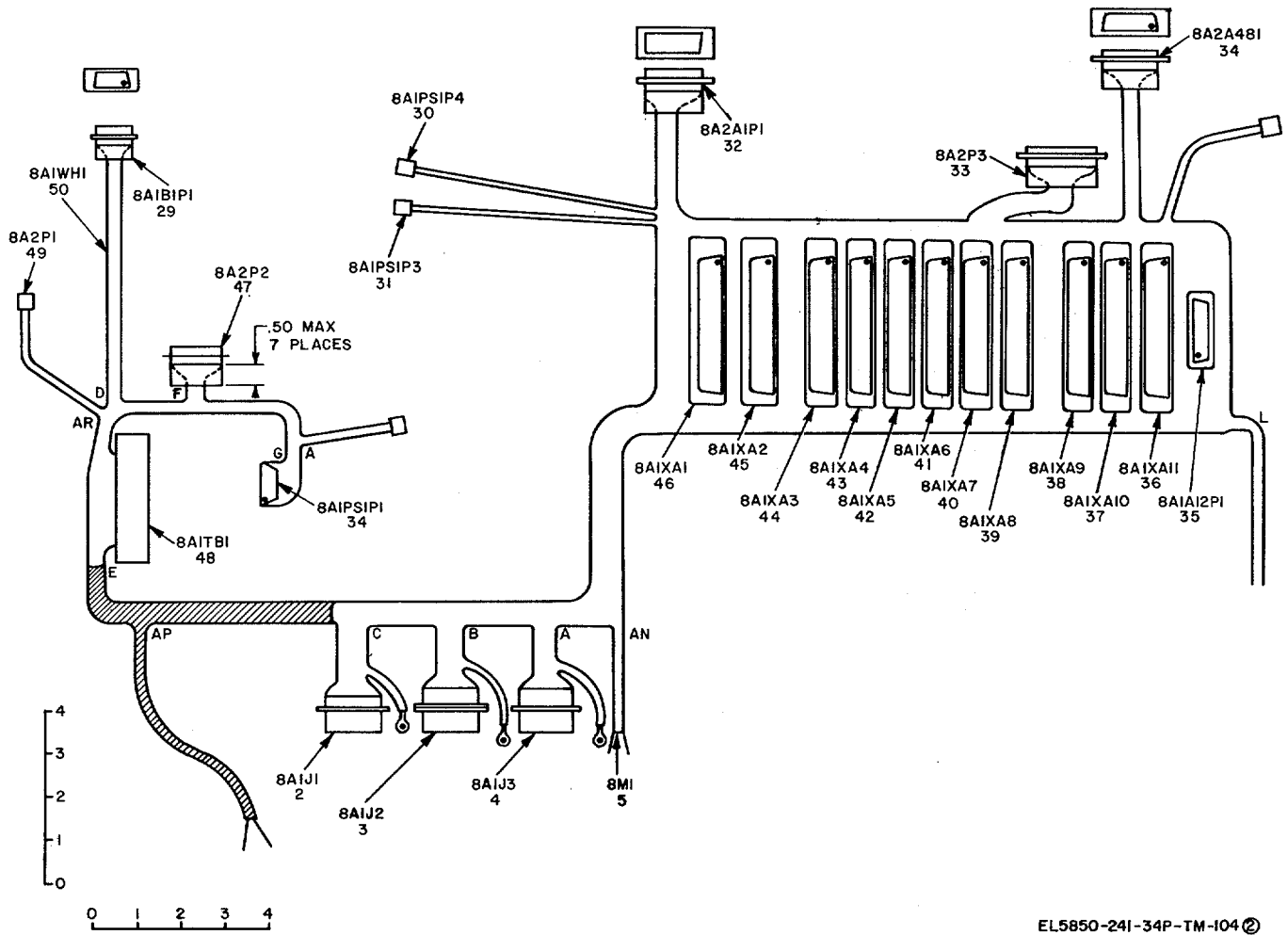


Figure 104 (1). Converter, video CV-2666/AAS/24 (sheet 1 of 2).



EL5850-241-34P-TM-104 ©

Figure 104 (2). Converter, video CV-2666/AAS-24 (sheet 2 of 2).

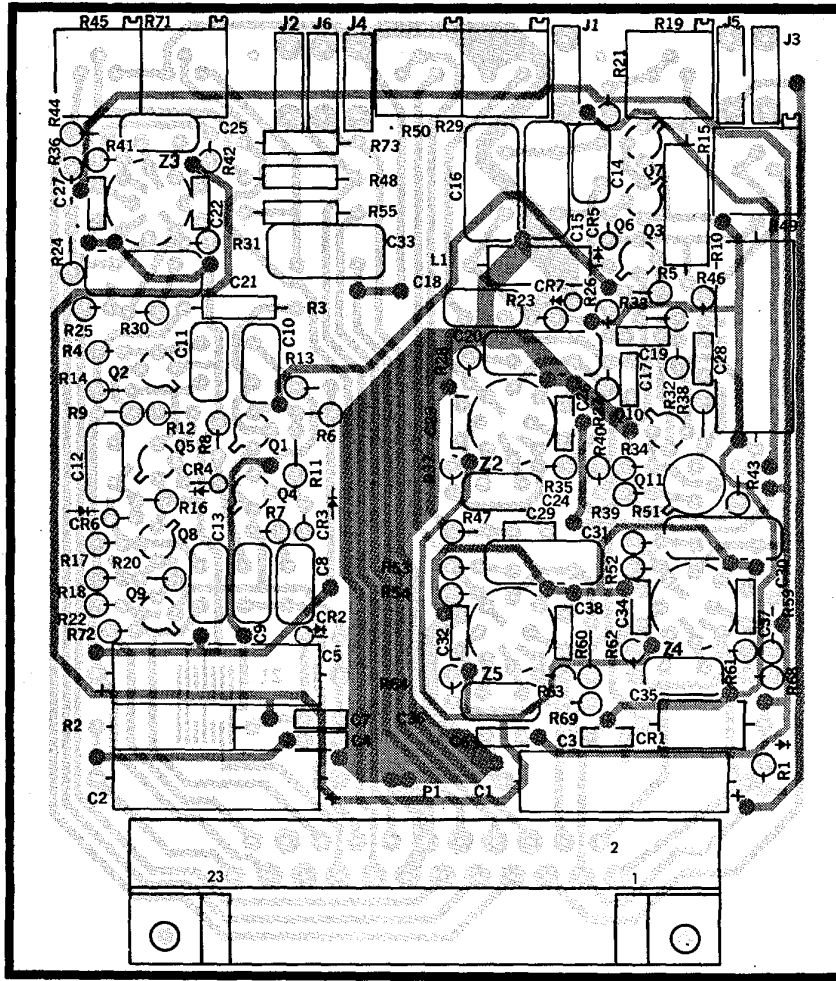


SECTION II REPAIR PARTS LIST (CONTINUED)

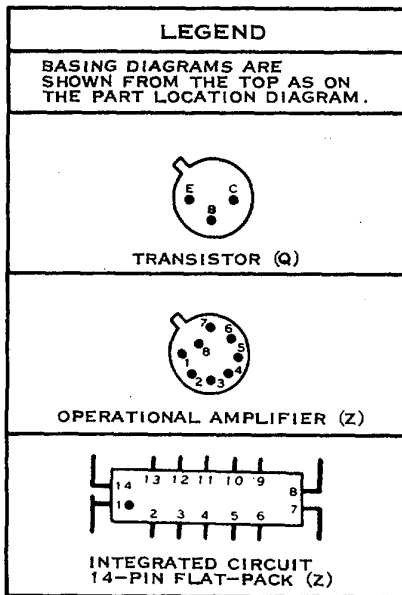
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
						GROUP 8A1 CONVERTER ASSEMBLY (SEE GROUP 7A23 PARTS LISTING) GROUP: 8A1A1 GATING, AUXILIARY DEFLECTION		
105	1	PADZZ	5910-229-7786	CU13CH470SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
105	2	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	16
105	3	PADZZ	5910-176-7335	CM05FD121J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	3
105	4	PADZZ	5910-762-7886	CMO6FD431J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
105	5	PADZZ	5910-882-4521	CM05ED820J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
105	6	PADZZ	5910-460-0868	CM05FD101J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
105	7	PADZZ	5910-255-1608	CM05FD361J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
105	8	PADZZ	5910-902-0031	CM0SCD050D03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
105	9	PADZZ	5910-410-9329	CMO6FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
105	10	PADZZ	5910-456-9511	CMO6FD272J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
105	11	PADZZ	5910-790-3781	CM06FD222J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	4
105	12	PADZZ	5910-490-0397	CMO5ED470J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	4
105	13	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
105	14	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
105	15	PADZZ	5961-879-3091	1N755A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
105	16	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
105	17	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
105	18	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
105	19	PADZZ	5935-131-9693	M139024-11-03	81349	JACK, TIP	EA	1
105	20	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
105	21	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
105	22	PADZZ	5950-018-0988	MS90542-23	96906	COIL, RADIO FREQUENCY	EA	1
105	23	PADZZ	5935-140-0074	SM-D-2017423-57	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
105	24	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	8
105	25	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	2
105	26	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1
105	27	PADZZ	5905-232-7808	RN60D82R5F	81349	RESISTOR, FIXED, FILM	EA	1
105	28	PADZZ	5905-857-6107	RN65D2000F	81349	RESISTOR, FIXED, FILM	EA	1
105	29	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	2
105	30	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	8
105	31	PADZZ	5905-194-1695	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	11
105	32	PADZZ	5905-581-1007	RN75B5620F	81349	RESISTOR, FIXED, FILM	EA	1
105	33	PADZZ	5905-036-0778	RN65D5110F	81349	RESISTOR, FIXED, FILM	EA	1
105	34	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	1
105	35	PADZZ	5905-067-9079	RT22C2P102	81349	RESISTOR, VARIABLE, WIREWOUND	EA	2
105	36	PADZZ	5905-025-5988	RN60D3321F	81349	RESISTOR, FIXED, FILM	EA	2
105	37	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	10
105	38	PADZZ	5905-452-0773	RN60D8252F	81349	RESISTOR, FIXED, FILM	EA	1
105	39	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	1
105	40	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	4

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
105	41	PADZZ	5905-255-3664	RT22C2P103	81349	RESISTOR, VARIABLE, WIREWOUND	EA	3
105	42	PADZZ	5905-192-3876	RN60D1503F	81349	RESISTOR, FIXED, FILM	EA	1
105	43	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	1
105	44	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	4
105	45	PADZZ	5905-051-8004	RN60D4321F	81349	RESISTOR, FIXED, FILM	EA	1
105	46	PADZZ	5905-078-8293	RN60D1821F	81349	RESISTOR, FIXED, FILM	EA	1
105	47	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	3
105	48	PADZZ	5905-112-7056	RN60D5620F	81349	RESISTOR, FIXED, FILM	EA	1
105	49	PADZZ	5905-067-6473	RT22C2P501	81349	RESISTOR, VARIABLE, WIREWOUND	EA	1
105	50	PADZZ	5905-452-0768	RN60D8250F	81349	RESISTOR, FIXED, FILM	EA	1
105	51	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	1
105	52	PADZZ	5905-197-3172	RN60D2742F	81349	RESISTOR, FIXED, FILM	EA	1
105	53	PADZZ	5962-117-6090	SM-D-2017455-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	1
105	54	PADZZ	5962-245-5325	SM-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	4
105	55	PADZZ	5961-836-0382	1N3022B	81349	SEMICONDUCTOR DEVICE, DIODE  GROUP: 8A1A2 AMPLIFIER, AUXILIARY DEFLECTION	EA	1
106	1	PADZZ	5910-010-8718	CKO6BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	15
106	2	PADZZ	5910-236-8740	CSR13C475KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
106	3	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
106	4	PADZZ	5910-460-1047	CM05ED510J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
106	5	PADZZ	5910-902-0335	CM05CD100D03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
106	6	PADZZ	5910-006-5780	CU13CS5R6SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
106	7	PADZZ	5961-139-9927	1N4305	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
106	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	10
106	9	PADZZ	5961-836-0382	1N3022B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
106	10	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
106	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
106	12	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
106	13	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
106	14	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
106	15	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
106	16	PADZZ	5950-711-6926	MS75053-2	96906	COIL, RADIO FREQUENCY	EA	1
106	17	PADZZ	5935-140-0075	SM-D-2017423-58	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
106	18	PADZZ	5961-022-5670	2N3439	81349	TRANSISTOR	EA	2
106	19	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
106	20	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	10
106	21	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	3
106	22	PADZZ	5905-753-0251	RN65D2490F	81349	RESISTOR, FIXED, FILM	EA	1
106	23	PADZZ	5905-255-3664	RT22C2P103	81349	RESISTOR, VARIABLE, WIREBOUND	EA	4
106	24	PADZZ	5905-232-7791	RN60D150OF	81349	RESISTOR, FIXED, FILM	EA	4
106	25	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	4
106	26	PADZZ	5905-025-5987	RN60D2491F	81349	RESISTOR, FIXED, FILM	EA	1
106	27	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	3



DESIG	ITEM	DESIG	ITEM
C1	1	R5	30
C2	1	R6	30
C3	2	R7	31
C4	2	R8	31
C5	1	R9	31
C6	2	R10	32
C7	3	R11	31
C8	3	R12	31
C9	3	R13	31
C10	4	R14	31
C11	5	R15	33
C12	6	R16	31
C13	7	R17	34
C14	8	R18	31
C15	9	R19	35
C16	10	R20	31
C17	2	R21	30
C18	3	R22	31
C19	2	R23	36
C20	11	R24	37
C21	11	R25	37
C22	2	R26	38
C23	2	R27	39
C24	12	R28	40
C25	12	R29	41
C26	2	R30	40
C27	2	R31	37
C28	2	R32	42
C29	2	R33	38
C30	11	R34	43
C31	11	R35	37
C32	2	R36	37
C33	10	R37	44
C34	2	R38	45
C35	12	R39	46
C36	12	R40	30
C37	2	R41	47
C38	2	R42	44
CR1	55	R43	30
CR2	13	R44	48
CR3	14	R45	49
CR4	14	R46	36
CR5	14	R47	50
CR6	14	R48	30
CR7	15	R49	41
J1	16	R50	41
J2	17	R51	40
J3	18	R52	51
J4	19	R53	40
J5	20	R54	30
J6	21	R55	52
L1	22	R59	37
P1	23	R60	37
Q1	24	R61	47
Q2	24	R62	44
Q3	24	R63	47
Q4	24	R64	44
Q5	24	R65	37
Q6	25	R69	37
Q7	24	R71	35
Q8	24	R72	37
Q9	24	R73	30
Q10	25	Z1	53
Q11	26	Z2	54
R1	27	Z3	54
R2	28	Z4	54
R3	29	Z5	54
R4	29		



NOTE: UNLESS OTHERWISE SPECIFIED

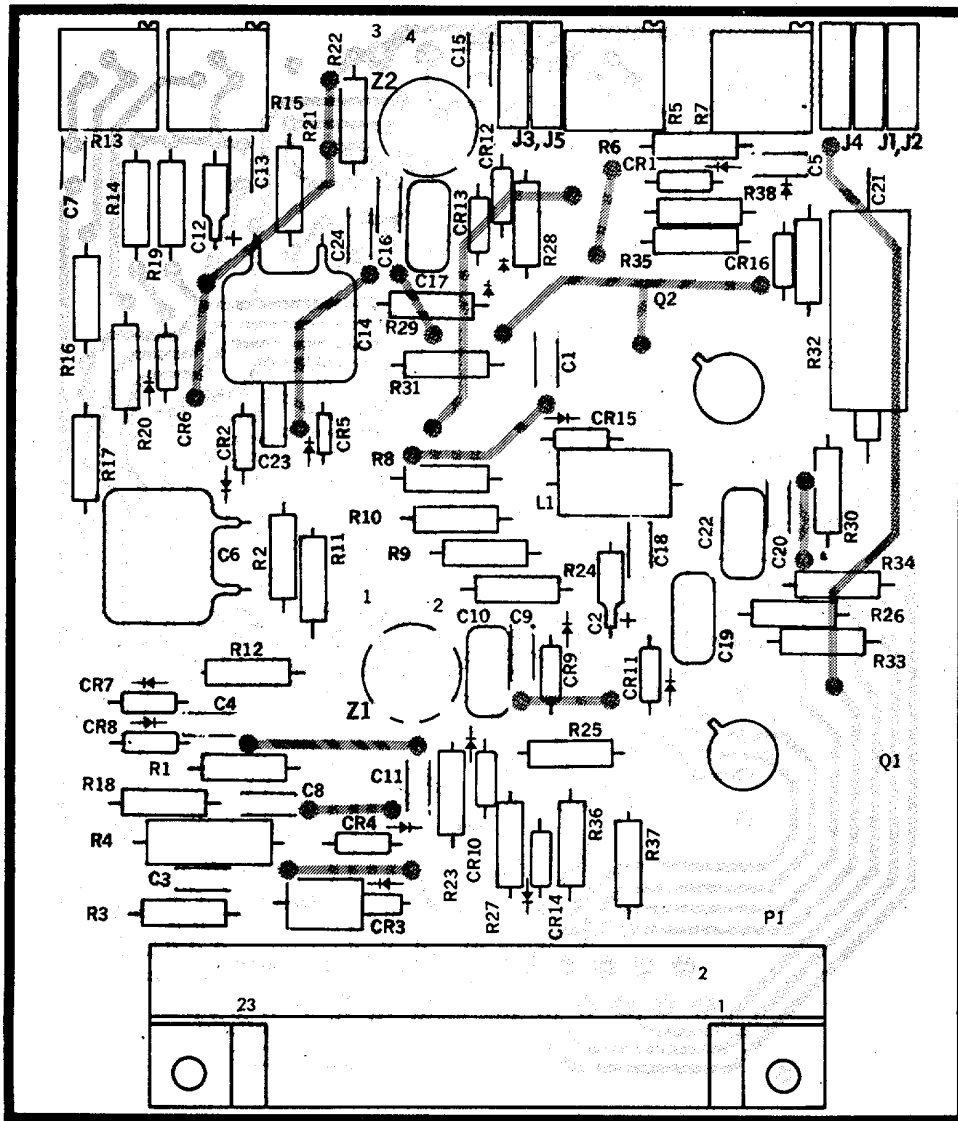
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A1A1

EL5850-241-34P-TM-IC5

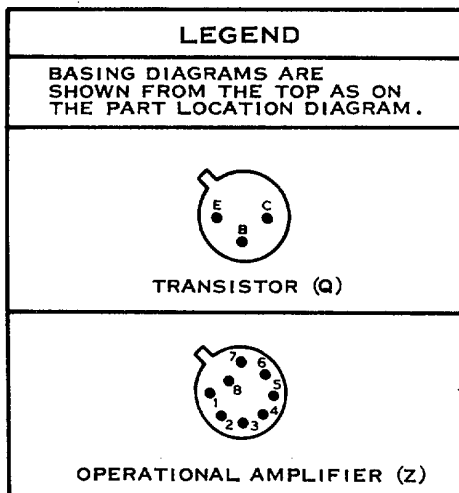
Figure 105. Gating, auxiliary deflection.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
106	28	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	3
106	29	PADZZ	5907-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	2
106	30	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
106	31	PADZZ	5962-245-5325	SM-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	2
106	32	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	2
						GROUP: 8A1A3 SWITCH, WRITE CATHODE		
107	1	PADZZ	5910-936-1332	CSR11F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
107	2	PADZZ	5910-010-8331	CU13CS270SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
107	3	PADZZ	5910-176-7335	CM05FD121J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
107	4	PADZZ	5910-903-8472	CH09AINE104K	81349	CAPACITOR, FIXED, PAPER DIELECTRIC	EA	1
107	5	PADZZ	5961-842-9864	1N914	8134q	SEMICONDUCTOR DEVICE, DIODE	EA	2
107	6	PADZZ	5935-131-9696	M439024-11-04	81349	JACK, TIP	EA	1
107	7	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
107	8	PADZZ	5935-131-9693	I439024-11-03	81349	JACK, TIP	EA	1
107	9	PADZZ	5945-851-2875	SM-DO2017461-1	80063	RELAY, ARMATURE	EA	1
107	10	PADZZ	5935-236-7836	SM-D-2017423-59	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
107	11	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
107	12	PADZZ	5961-022-5670	2N3439	81349	TRANSISTOR	EA	3
107	13	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
107	14	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	2
107	15	PADZZ	5905-112-1661	RN60D4423F	81349	RESISTOR, FIXED, FILM	EA	2
107	16	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
107	17	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	5
107	18	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	1
107	19	PADZZ	5905-194-1695	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	1
107	20	PADZZ	5905-192-3876	RN60D1503F	81349	RESISTOR, FIXED, FILM	EA	1
107	21	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	1
107	22	PADZZ	5905-518-a223	RV6LAYSA255A	81349	RESISTOR, VARIABLE, COMPOSITION	EA	1
107	23	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	1
107	24	PADZZ	5905-571-q351	RN60D1823F	81349	RESISTOR, FIXED, FILM	EA	1
107	25	PADZZ	5905-261-6518	RN60D90R9F	81349	RESISTOR, FIXED, FILM	EA	1
107	26	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1
107	27	PADZZ	5905-543-8346	RN75B2942F	81349	RESISTOR, FIXED, FILM	EA	1
107	28	PADZZ	5905-472-0422	SIA-D-2017471-1	80063	RESISTOR, VARIABLE	EA	3
107	29	PADZZ	5905-200-9294	RN65D1212F	81349	RESISTOR, FIXED, FILM	EA	1
107	30	PADZZ	5905-998-9231	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
107	31	PADZZ	5905-552-6256	RN75B8252F	81349	RESISTOR, FIXED, FILM	EA	1
107	32	PADZZ	5905-455-6794	RN60D3013F	81349	RESISTOR, FIXED, FILM	EA	1
107	33	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	1
						GROUP: 8A1A4 SWITCH, WRITE GRID		
108	1	PADZZ	5910-280-7973	CK63AW103M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
108	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
108	3	PADZZ	5910-176-7335	CM05FD121J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2



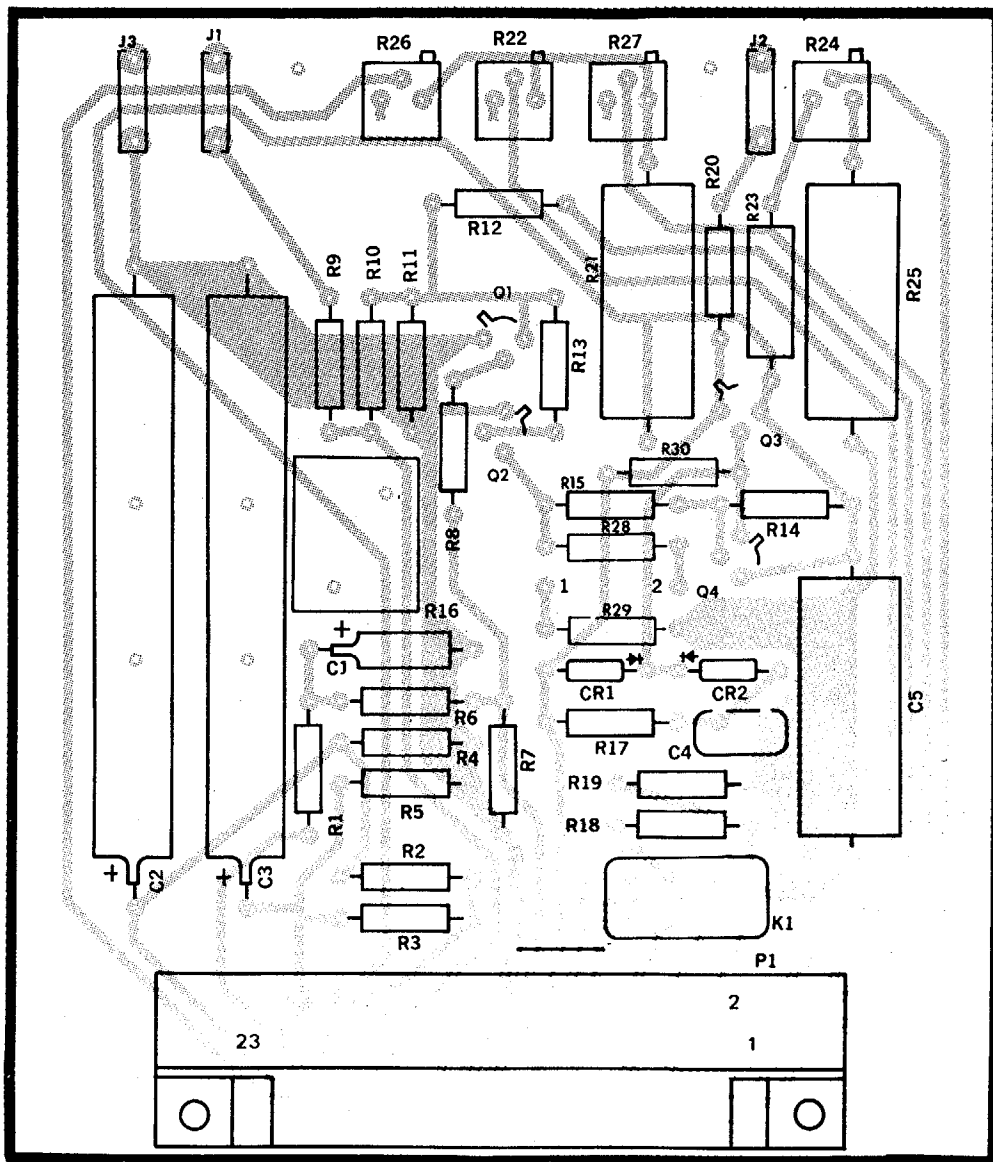
DESIG	ITEM	DESIG	ITEM
C1	1	L1	16
C2	2	P1	17
C3	1	Q1	18
C4	1	Q2	18
C5	1	R1	19
C6	3	R2	20
C7	1	R3	21
C8	1	R4	22
C9	1	R5	23
C10	4	R6	24
C11	1	R7	24
C12	2	R8	25
C13	1	R9	20
C14	3	R10	25
C15	1	R11	32
C16	1	R12	26
C17	4	R13	23
C18	1	R14	24
C19	5	R15	23
C20	1	R16	25
C21	6	R17	20
C22	5	R18	27
C23	1	R19	20
C24	1	R20	25
CR1	7	R21	32
CR2	8	R22	28
CR3	9	R23	28
CR4	10	R24	20
CR5	8	R25	20
CR6	7	R26	27
CR7	8	R27	24
CR8	8	R28	28
CR9	8	R29	20
CR10	8	R30	27
CR11	8	R31	20
CR12	8	R32	24
CR13	8	R33	20
CR14	7	R34	20
CR15	8	R35	29
CR16	7	R36	29
J1	11	R37	30
J2	12	R38	30
J3	13	Z1	31
J4	14	Z2	31
J5	15		



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A1A2

Figure 106. Amplifier, auxiliary deflection.



DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	R1
C2	2	R2
C3	2	R3
C4	3	R4
C5	4	R5
CR1	5	R8
CR2	5	R7
J1	6	R8
J2	7	R9
J3	8	R10
K1	9	R11
P1	10	R12
Q1	11	R13
Q2	12	R14
Q3	12	R15
Q4	12	
		R16
		R17
		R18
		R19
		R20
		R21
		R22
		R23
		R24
		R25
		R26
		R27
		R28
		R29
		R30

**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

TRANSISTOR (Q)

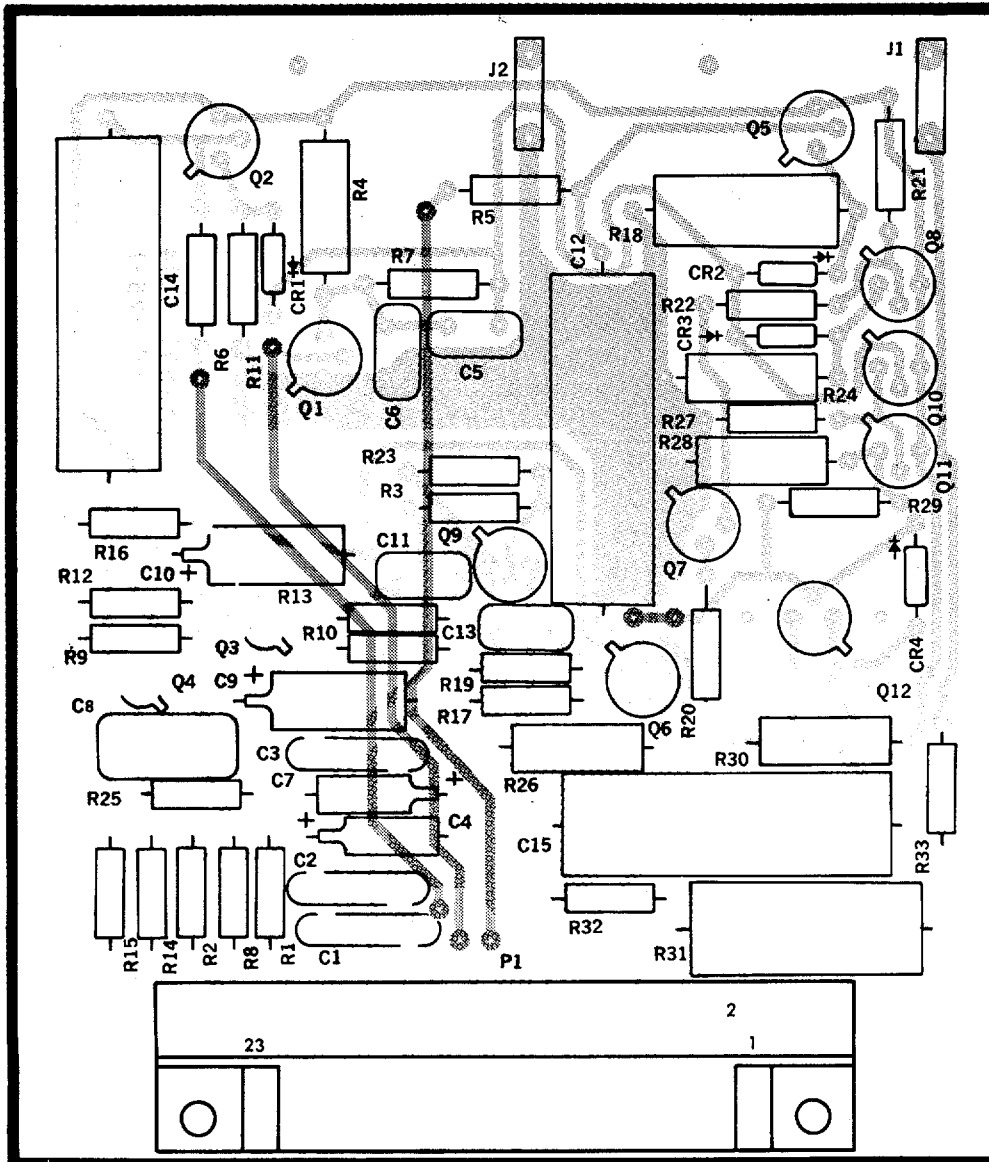
- NOTE: UNLESS OTHERWISE SPECIFIED
1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
  2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A1A3

E L 5850-241-34P-TM-107

Figure 107. Switch, write cathode.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
108	4	PADZZ		CM06FD122J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
108	5	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
108	6	PADZZ	5910-487-8424	CM05FD391J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
108	7	PADZZ	5910-903-8472	CH09AINE104K	81349	CAPACITOR, FIXED, PAPER DIELECTRIC	EA	3
108	8	PADZZ	5910-460-1047	CM05ED510J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
108	9	PADZZ	5961-064-2379	1N649	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
108	10	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
108	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
108	12	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
108	13	PADZZ	5935-404-8719	SM-D-2017423-60	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
108	14	PADZZ	5961-022-5670	2N3439	81349	TRANSISTOR	EA	10
108	15	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2
108	16	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	2
108	17	PADZZ	5905-078-8293	RN60D1821F	8134q	RESISTOR, FIXED, FILM	EA	1
108	18	PADZZ	5905-814-3815	RN65D1003F	81349	RESISTOR, FIXED, FILM	EA	1
108	19	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	5
108	20	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FITU	EA	1
108	21	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FIILM	EA	1
108	22	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILU	EA	1
108	23	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	2
108	24	PADZZ	5905-069-3926	RN60D2743F	81349	RESISTOR, FIXED, FILM	EA	1
108	25	PADZZ	5905-689-1966	RN60D6810F	81349	RESISTOR, FIXED, FILM	EA	1
108	26	PADZZ	5905-192-3876	RN60D1503F	81349	RESISTOR, FIXED, FILM	EA	3
108	27	PADZZ	5905-194-1695	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	1
108	28	PADZZ	5905-195-6404	RN60D3922F	81349	RESISTOR, FIXED, FILI	EA	1
108	29	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
108	30	PADZZ	5905-490-0041	RN70D103F	81349	RESISTOR, FIXFD, FILM	EA	1
108	31	PADZZ	5905-025-5988	RN60D3321F	81349	RESISTOR, FIXED, FILM	EA	1
108	32	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	1
108	33	PADZZ	5905-096-4242	RN65D2743F	81349	RESISTOR, FIXED, FILM	EA	1
108	34	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	2
108	35	PADZZ	5905-892-7283	RN65D7501F	81349	RESISTOR, FIXED, FILM	EA	1
108	36	PADZZ	5905-989-5587	RN65D2213F	81349	RESISTOR, FIXED, FILM	EA	1
108	37	PADZZ	5905-814-1618	RN65D3921F	81349	RESISTOR, FIXED, FILM	EA	1
108	38	PADZZ	5905-502-9159	RN75B3012F	81349	RESISTOR, FIXED, FILM	EA	1
108	39	PADZZ	5905-732-3859	RN60D15ROF	81349	RESISTOR, FIXED, FILI	EA	1
						GROUP 8A1A5 AMPLIFIER, WRITE HORIZONTAL DEFLECTION		
109	1	PADZZ	5910-154-0547	CSR13F476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
109	2	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	4
109	3	PADZZ	5910-113-5540	CK15BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
109	4	PADZZ	5910-460-0868	CM05FD101J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
109	5	PADZZ	5910-723-5267	CMO5ED200J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1



DESIG	ITEM	DESIG	ITEM
C1	1	R1	16
C2	1	R2	16
C3	1	R3	17
C4	2	R4	18
C5	3	R5	19
C6	3	R6	19
C7	2	R7	20
C8	4	R8	21
C9	5	R9	22
C10	5	R10	23
C11	6	R11	24
C12	7	R12	23
C13	8	R13	25
C14	7	R14	26
C15	7	R15	27
CR1	9	R16	28
CR2	9	R17	29
CR3	9	R18	30
CR4	10	R19	31
J1	11	R20	32
J2	12	R21	26
P1	13	R22	26
Q1	14	R23	19
Q2	14	R24	33
Q3	15	R25	34
Q4	15	R26	35
Q5	14	R27	34
Q6	14	R28	36
Q7	14	R29	19
Q8	14	R30	37
Q9	14	R31	38
Q10	14	R32	39
Q11	14	R33	19
Q12	14		

**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

TRANSISTOR (Q)

- NOTE: UNLESS OTHERWISE SPECIFIED
1. LIGHT SHADING INDICATES ETCHED SIDE  
CIRCUIT PATTERN-DARK SHADING INDICATES  
COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION  
PREFIX WITH 8A1A4

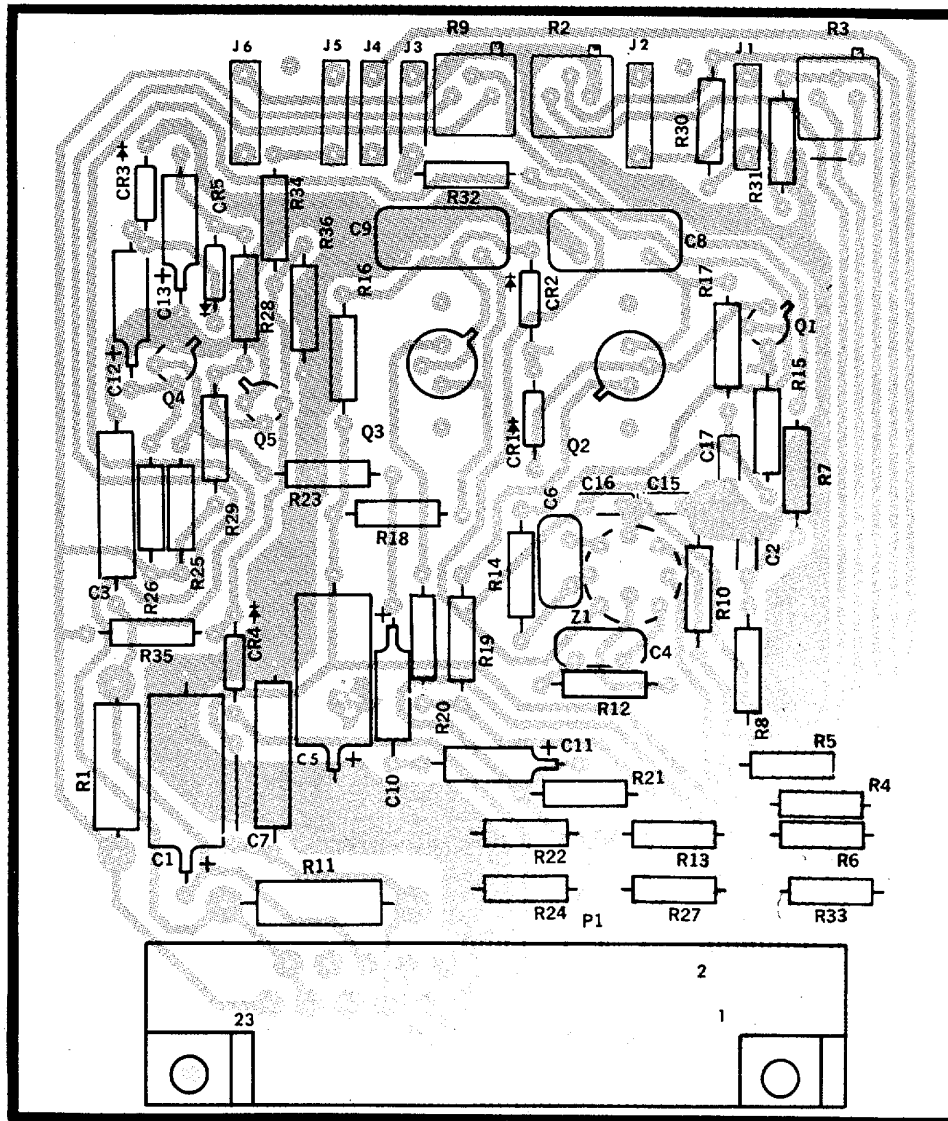
EL5850-241-34P-TM-108

Figure 108. Switch, write grid.

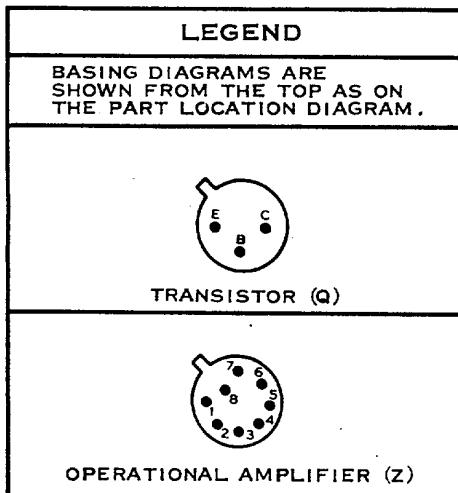


SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
109	6	PADZZ	5910-460-0852	CM06FD471J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
109	7	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
109	8	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	5
109	9	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
109	10	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
109	11	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
109	12	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
109	13	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
109	14	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
109	15	PADZZ	5935-243-8519	SM-D-2017423-61	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
109	16	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
109	17	PADZZ	5961-050-7490	2N2219A	81349	TRANSISTOR	EA	1
109	18	PADZZ	5961-880-4779	2N2905	81349	TRANSISTOR	EA	1
109	19	PADZZ	5905-983-5942	RW69V150	81349	RESISTOR, FIXED, WIREWOUND	EA	2
109	20	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	3
109	21	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	2
109	22	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	2
109	23	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM	EA	2
109	24	PADZZ	5905-142-0931	MS51957-28	81349	RESISTOR, FIXED, FILM	EA	1
109	25	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
109	26	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
109	27	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
109	28	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
109	29	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	6
109	30	PADZZ	5905-988-2309	RN60D10ROF	81349	RESISTOR, FIXED, FILM	EA	6
109	31	PADZZ	5905-243-5622	RN60D301OF	81349	RESISTOR, FIXED, FILM	EA	1
109	32	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
109	33	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	2
109	34	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	2
109	35	PADZZ	5905-142-0903	RN60D1102F	81349	RESISTOR, FIXED, FILM	EA	1
109	36	PADZZ	5905-969-5846	RN60D3021F	81349	RESISTOR, FIXED, FILM	EA	1
109	37	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 8A1A6 AMPLIFIER, WRITE VERTICAL DEFLECTION	EA	1
110	1	PADZZ	5910-154-0547	CSR13F476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
110	2	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	4
110	3	PADZZ	5910-113-5540	CK15BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
110	4	PADZZ	5910-460-0868	CM05FDO11J03	81349	CAPACITOR, FIXED, MICA, DIELECTRIC	EA	1
110	5	PADZZ	5910-723-5267	C10O5ED200J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
110	6	PADZZ	5910-460-0852	CM06FD471J03	81349	CAPACITOR, FIXED, MICK DIELECTRIC	EA	2
110	7	PADZZ	5910-136-1037	CSR13G105ML	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
110	8	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
110	9	PADZZ	5910-936-1522	CSR13E106KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1



DESIG	ITEM	DESIG	ITEM
C1	1	R3	20
C2	2	R4	21
C3	3	R5	22
C4	4	R6	22
C5	1	R7	23
C6	5	R8	23
C7	3	R9	20
C8	6	R10	24
C9	6	R11	19
C10	7	R12	25
C11	7	R13	26
C12	7	R14	27
C13	7	R15	28
C15	2	R16	29
C16	2	R17	30
C17	2	R18	30
CR1	8	R19	30
CR2	8	R20	30
CR3	8	R21	31
CR4	8	R22	30
CR5	8	R23	32
J1	9	R24	30
J2	10	R25	33
J3	11	R26	34
J4	12	R27	34
J5	13	R28	34
J6	14	R29	33
P1	15	R30	29
Q1	16	R31	29
Q2	17	R32	29
Q3	18	R33	29
Q4	16	R34	21
Q5	16	R35	35
R1	19	R36	36
R2	20	Z1	37



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A1A5

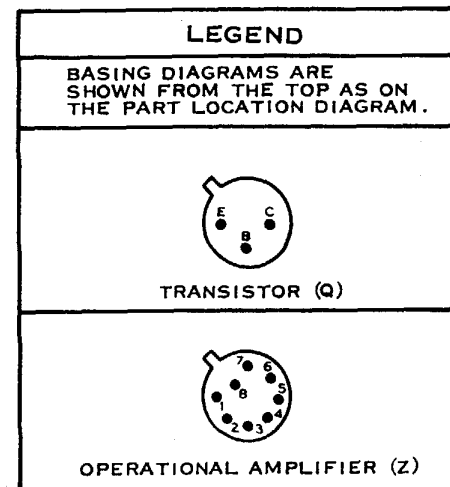
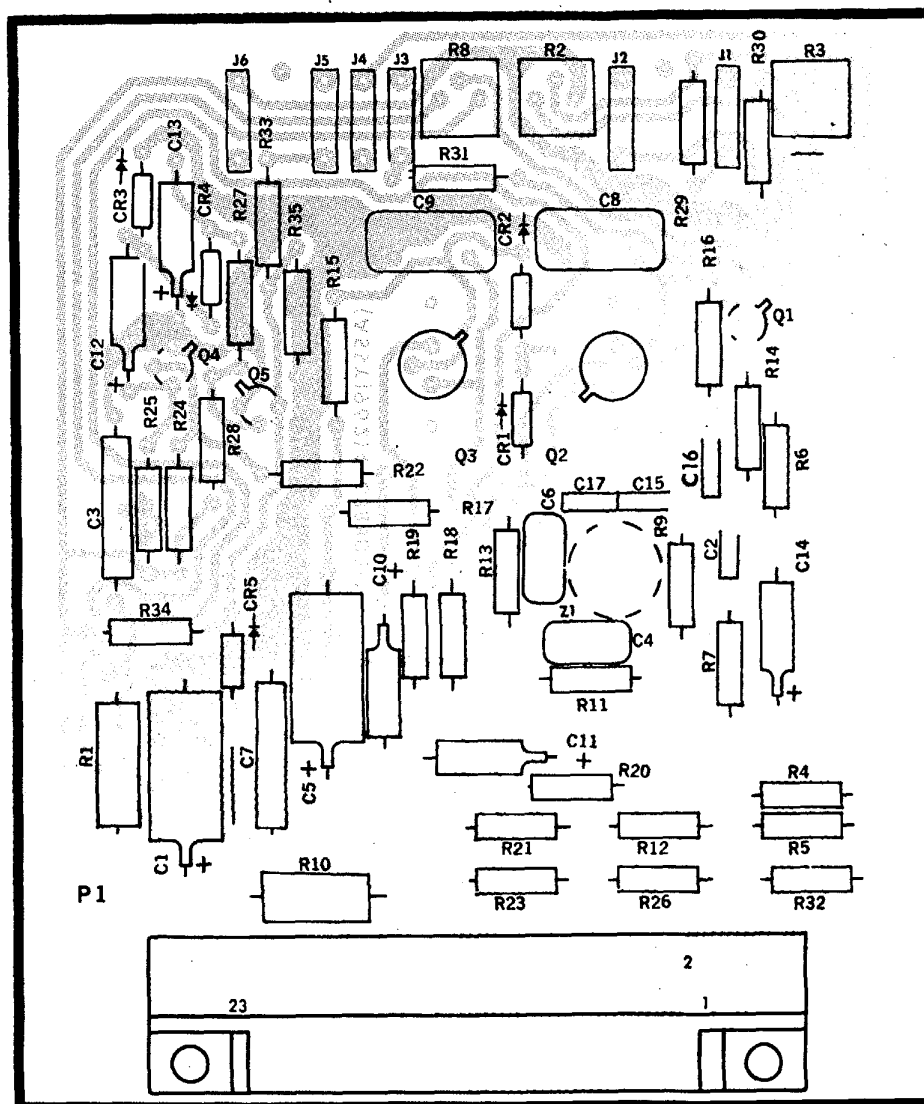
Figure 109. Amplifier, write horizontal deflection.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
110	10	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
110	11	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
110	12	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
110	13	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
110	14	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
110	15	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
110	16	PADZZ	5935-242-2071	SM-D-2017423-62	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
110	17	PADZZ	5905-983-5942	RW69V150	81349	RESISTOR, FIXED, WIREWOUND	EA	2
110	18	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	2
110	19	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	2
110	20	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM	EA	2
110	21	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	3
110	22	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
110	23	PADZZ	5905-197-3172	RN60D2742F	81349	RESISTOR, FIXED, FILM	EA	1
110	24	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
110	25	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
110	26	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	4
110	27	PADZZ	5905-988-2309	RN60D10ROF	81349	RESISTOR, FIXED, FILM	EA	6
110	28	PADZZ	5905-243-5622	RN60D301OF	81349	RESISTOR, FIXED, FILM	EA	1
110	29	PADZZ	5905-192-3876	RN60D1503F	81349	RESISTOR, FIXED, FILM	EA	1
110	30	PADZZ	5905-195-6384	RN60D3012F	81349	RESISTOR, FIXED, FILM	EA	1
110	31	PADZZ	5905-419-5262	RN60G4990F	81349	RESISTOR, FIXED, FILM	EA	1
110	32	PADZZ	5905-451-7533	RN60D6811F	81349	RESISTOR, FIXED, FILM	EA	1
110	33	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	1
110	34	PADZZ	5905-137-0804	RN60D10003F	81349	RESISTOR, FIXED, FILM	EA	1
110	35	PADZZ	5905-142-0903	RN60D1102F	81349	RESISTOR, FIXED, FILM	EA	2
110	36	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FILM	EA	1
110	37	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	1
110	38	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
110	39	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1
110	40	PADZZ	5961-880-4779	2N2905	81349	TRANSISTOR	EA	1
110	41	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	2
110	42	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 8A1A7 AMPLIFIER, READ VERTICAL DEFLECTION	EA	1
111	1	PADZZ	5910-154-0547	CSR13F476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
111	2	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	4
111	3	PADZZ	5910-113-5540	CK15BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
111	4	PADZZ	5910-460-0868	CMOSFD101J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
111	5	PADZZ	5910-723-5267	CM05ED200J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
111	6	PADZZ	5910-460-0852	CM06FD471J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
111	7	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	5
111	8	PADZZ	5961-842-9864	IN914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	5

AMSEL-MA F 6196

HISA-FM 442-73



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE  
CIRCUIT PATTERN-DARK SHADING INDICATES  
COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION  
PREFIX WITH 8A1A7

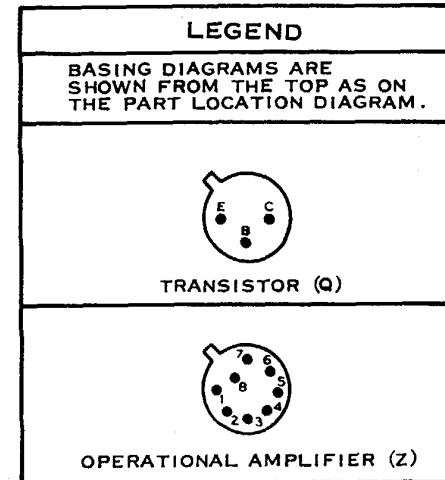
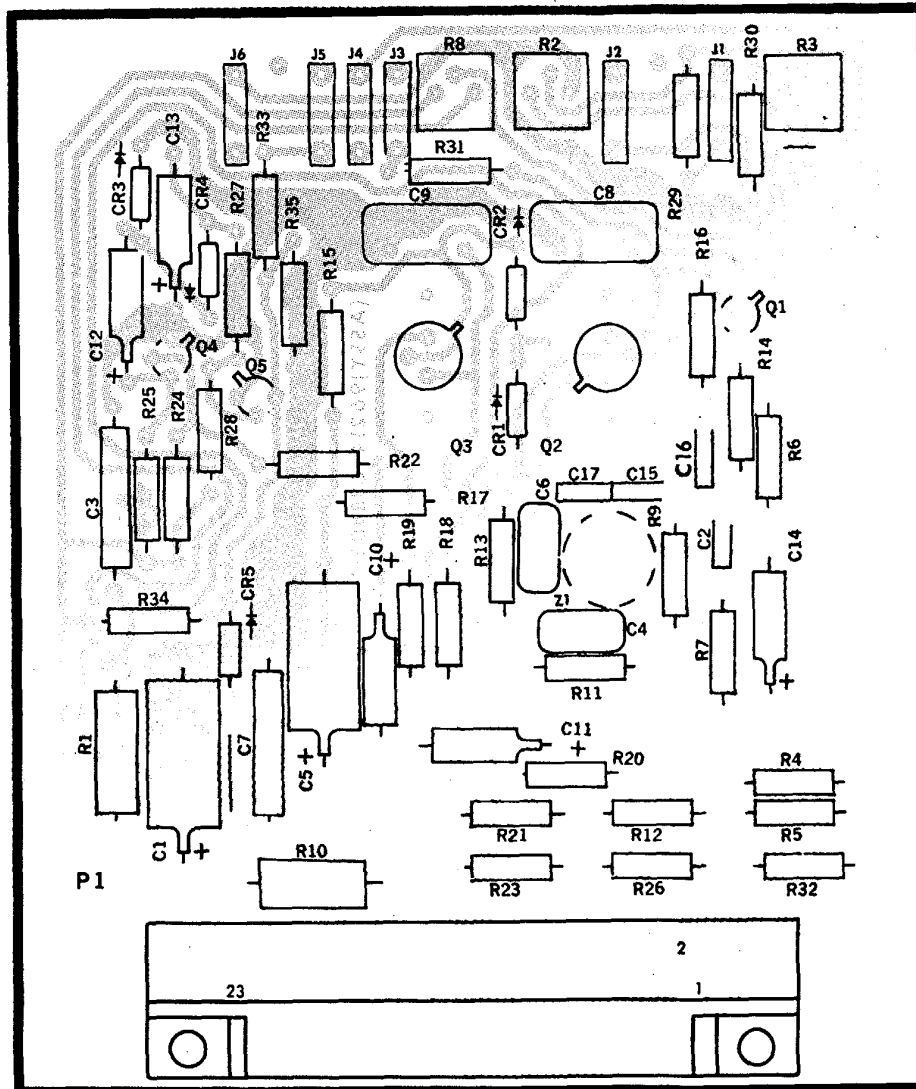
DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	CR2	8
C2	2	CR3	8
C3	3	CR4	8
C4	4	CR5	8
C5	1	J1	9
C6	5	J2	10
C7	3	J3	11
C8	6	J4	12
C9	6	J5	13
C10	7	J6	14
C11	7	P1	15
C12	7	Q1	16
C13	7	Q2	17
C14	7	Q3	18
C15	2	Q4	16
C16	2	Q5	16
C17	2	R1	19
CR1	8	R2	20
R3	20	R20	32
R4	21	R21	31
R5	22	R22	30
R6	23	R23	31
R7	23	R24	22
R8	20	R25	33
R9	24	R26	30
R10	25	R27	31
R11	26	R28	22
R12	27	R29	30
R13	28	R30	30
R14	29	R31	30
R15	30	R32	30
R16	31	R33	21
R17	31	R34	34
R18	31	R35	35
R19	31	Z1	36

EL5850 - 241 - 34P - TM - III

Figure 110. Amplifier, write deflection.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
111	9	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
111	10	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
111	11	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
111	12	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
111	13	PADZZ	5935-131-9697	139024-11-05	81349	JACK, TIP	EA	1
111	14	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
111	15	PADZZ	5935-227-7068	SM-D-2017423-63	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
111	16	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
111	17	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1
111	18	PADZZ	5961-880-4779	2N2905	81349	TRANSISTOR	EA	1
111	19	PADZZ	5905-889-0010	RW69V100	81349	RESISTOR, FIXED, WIREWOUND	EA	1
111	20	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	3
111	21	PADZZ	5905-983-6914	RN60D10O2F	81349	RESISTOR, FIXED, FILM	EA	2
111	22	PADZZ	5905-137-0804	RNB60D10O3F	81349	RESISTOR, FIXED, FILM	EA	3
111	23	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM	EA	2
111	24	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	1
111	25	PADZZ	5905-983-5942	RW69V1500	81349	RESISTOR, FIXED, WIREWOUND	EA	1
111	26	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
111	27	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
111	28	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
111	29	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
111	30	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	7
111	31	PADZZ	5905-988-2309	RN60D10ROF	81349	RESISTOR, FIXED, FILM	EA	7
111	32	PADZZ	5905-243-5622	RN60D301OF	81349	RESISTOR, FIXED, FILM	EA	1
111	33	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	2
111	34	PADZZ	5905-142-0903	RN60D1102F	81349	RESISTOR, FIXED, FILM	EA	1
111	35	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FILM	EA	1
111	36	PADZZ	5962-861-3220	5M-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL, AMPLIFIER GROUP 8A1A8 PREDRIVER, READ HORIZONTAL DEFLECTION	EA	1
112	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
112	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
112	3	PADZZ	5910-682-3814	CM06FD511G03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
112	4	PADZZ		CM06FD332J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
112	5	PADZZ	5910-113-5689	CSR13E476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
112	6	PADZZ	5910-790-3781	CM06FD222Jo3	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
112	7	PADZZ	5910-839-3991	CSR13G105KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
112	8	PADZZ	5961-842-9864	1N914	81349	ESMT ISR DEVICE, DIODE	EA	7
112	9	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
112	10	PADZZ	5935-131-9681	139024-11-02	81349	JACK, TIP	EA	1
112	11	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
112	12	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
112	13	PADZZ	5950-727-2680	MS75052-5	96906	COIL, RADIO FREQUENCY	EA	1



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE  
CIRCUIT PATTERN-DARK SHADING INDICATES  
COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION  
PREFIX WITH 8A1A7

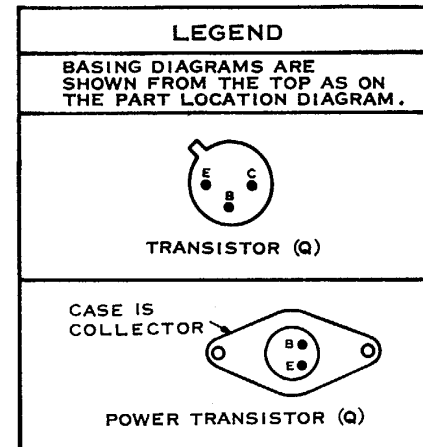
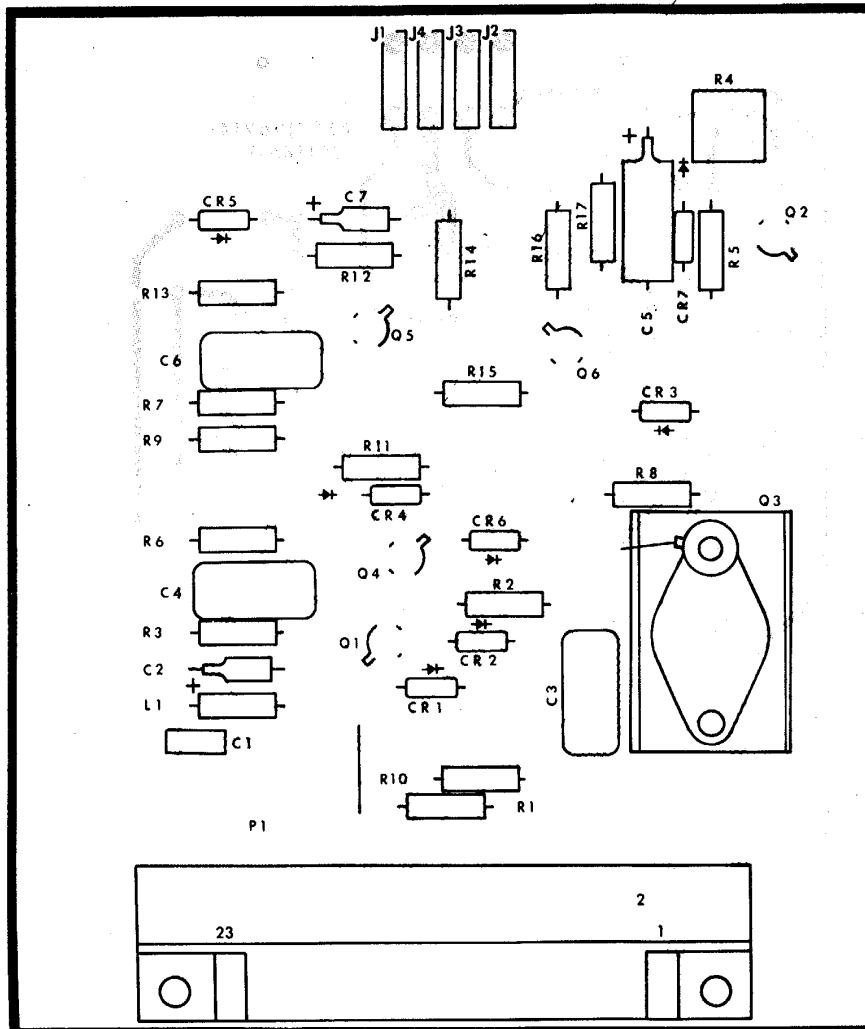
DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM			
C1	1	CR2	8	R3	20	R20	32
C2	2	CR3	8	R4	21	R21	31
Q3	3	CR4	8	R5	22	R22	30
Q4	4	CR5	8	R6	23	R23	31
C5	1	J1	9	R7	23	R24	22
C6	5	J2	10	R8	20	R25	33
C7	3	J3	11	R9	24	R26	30
C8	6	J4	12	R10	25	R27	31
C9	6	J5	13	R11	26	R28	22
C10	7	J6	14	R12	27	R29	30
C11	7	P1	15	R13	28	R30	30
C12	7	Q1	16	R14	29	R31	30
C13	7	Q2	17	R15	30	R32	30
C14	7	Q3	18	R16	31	R33	21
C15	2	Q4	16	R17	31	R34	34
C16	2	Q5	16	R18	31	R35	35
C17	2	R1	19	R19	31	Z1	36
CR1	8	R2	20				

EL5850 - 241 - 34P - TM - III

Figure 111. Amplifier, read vertical deflection.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
112	14	PADZZ	5935-140-6184	SM-D-2017423-69	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
112	15	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
112	16	PADZZ	5961-996-1805	2N3767	81349	TRANSISTOR	EA	1
112	17	PADZZ	5961-226-8576	7717-1814	81349	TRANSISTOR	EA	1
112	18	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
112	19	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
112	20	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	3
112	21	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
112	22	PADZZ	5905-432-6411	RN60D3320F	81349	RESISTOR, FIXED, FILM	EA	1
112	23	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
112	24	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	1
112	25	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	2
112	26	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
112	27	PADZZ	5905-137-0804	RN60Dl003F	81349	RESISTOR, FIXED, FILM	EA	1
112	28	PADZZ	5905-195-6379	RN60D1822F	81349	RESISTOR, FIXED, FILM	EA	1
112	29	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FILM	EA	1
112	30	PADZZ	5905-452-0773	RN60D8252F	81349	RESISTOR, FIXED, FILM	EA	1
112	31	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
112	32	PADZZ	5905-432-6410	RN60D100IF	81349	RESISTOR, FIXED, FILM GROUP 8A1A9 DRIVER, READ HORIZONTAL DEFLECTION	EA	1
113	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
113	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
113	3	PADZZ	5910-158-5367	CK14BX473K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
113	4	PADZZ	5910-839-3991	CSR13G10SKL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
113	5	PADZZ	5910-113-5689	CSR13E476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
113	6	PADZZ	5910-904-8590	CM07FD183J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
113	7	PADZZ	5910-140-3145	SM-D-2017484-13	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	2
113	8	PADZZ	5961-455-8578	SM-D-2017353-1	80063	SEMICONDUCTOR DEVICE, DIODE	EA	1
113	9	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
113	10	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
113	11	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
113	12	PADZZ	5950-926-3154	MS90537-41	96906	COIL, RADIO FREQUENCY	EA	1
113	13	PADZZ	5950-772-1807	MS91189-34	96906	COIL, RADIO FREQUENCY	EA	1
113	14	PADZZ	5950-433-2450	SM-D-2017372	80063	COIL, RADIO FREQUENCY	EA	1
113	15	PADZZ	5950-433-2449	SM-D-2018174	80063	INDUCTOR, TOROID	EA	1
113	16	PADZZ	5935-478-7350	SM-D-2017423-64	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
113	17	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2
113	18	PADZZ	5961-085-0468	2N3902	81349	TRANSISTOR	EA	1
113	19	PADZZ	5905-732-3878	RN60D20ROF	81349	RESISTOR, FIXED, FILM	EA	1
113	20	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1
113	21	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	1
113	22	PADZZ	5910-432-6410	RN60D100IF	81349	RESISTOR, FIXED, FILM	EA	1



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A1A8

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1 1	CR5 8	Q3 16	R8 25
C2 2	CR6 8	Q4 15	R9 26
C3 3	CR7 8	Q5 17	R10 25
C4 4	J1 9	Q6 18	R11 20
C5 5	J2 10	R1 19	R12 27
C6 6	J3 11	R2 20	R13 28
C7 7	J4 12	R3 20	R14 29
CR1 8	L1 13	R4 21	R15 30
CR2 8	P1 14	R5 22	R16 31
CR3 8	Q1 15	R6 23	R17 32
CR4 8	Q2 15	R7 24	

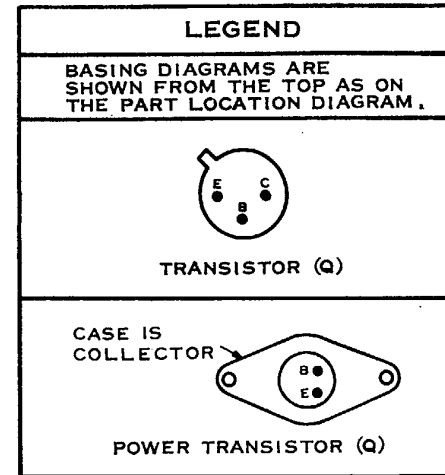
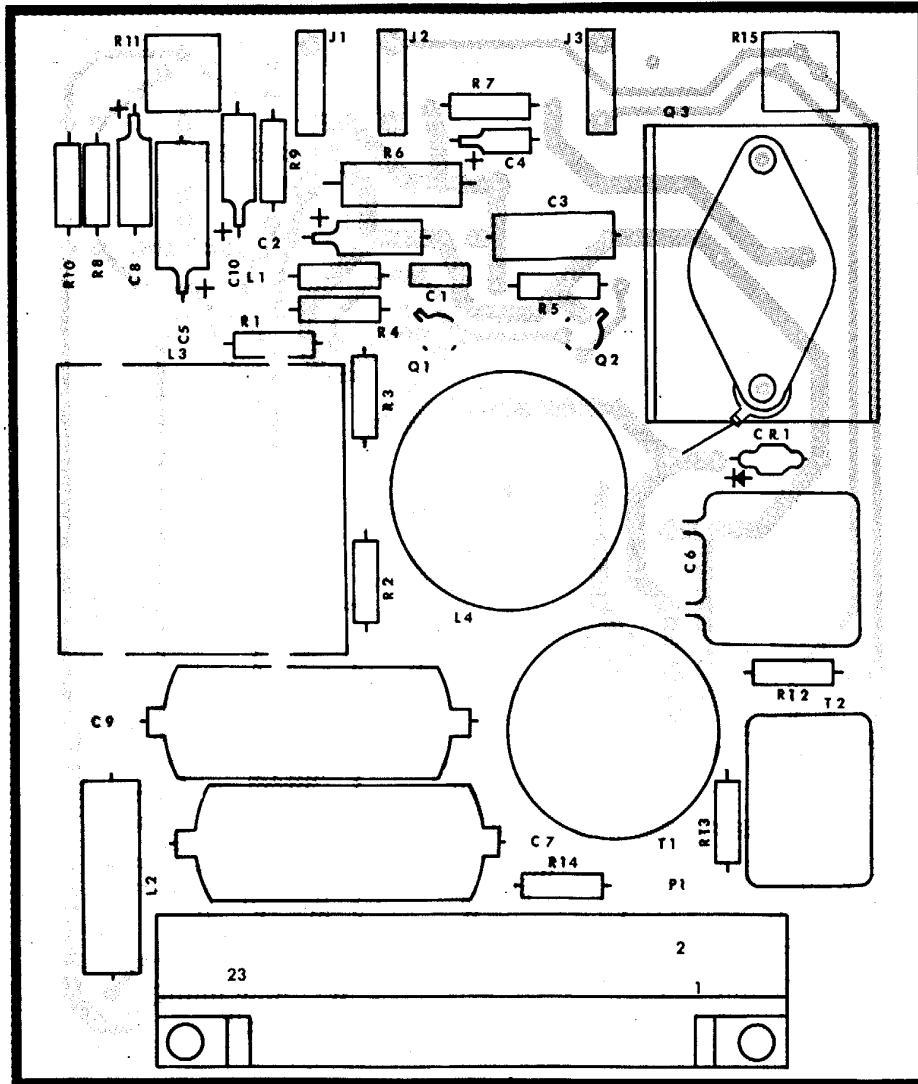
EL5850 - 241 - 34P - TM - 112

Figure 112. Predriver, read horizontal deflection.



## SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
113	23	PADZZ	5905-988-2309	RN60D1OROF	81349	RESISTOR, FIXED, FILM	EA	1
113	24	PADZZ	5905-914-6412	RW79V221OF	81349	RESISTOR, FIXED, WIREWOUND	EA	1
113	25	PADZZ	5905-763-6653	RN60D75ROF	81349	RESISTOR, FIXED, FILM	EA	1
113	26	PADZZ	5905-099-0545	RN60D182OF	81349	RESISTOR, FIXED, FILM	EA	2
113	27	PADZZ	5905-451-7534	RN60D75OOF	81349	RESISTOR, FIXED, FILM	EA	1
113	28	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
113	29	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
113	30	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
113	31	PADZZ	5905-144-1695	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	1
113	32	PADZZ	5905-177-7369	RT24C2P101	81349	RESISTOR, VARIABLE	EA	1
113	33	PADZZ	5950-491-7112	SM-D-2017371	80063	TRANSFORMER	EA	1
113	34	PADZZ	5950-470-4382	SM-D-2019287	80063	TRANSFORMER, SENSING	EA	1
114	1	PADZZ	5910-460-0868	CMO5FD101J03	81349	GROUP 8AIA1O CONTROL, WRITE FOCUS CAPACITOR, FIXED, MICA DIELECTRIC	EA	6
114	2	PADZZ	5910-010-8718	CK06BX103M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
114	3	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
114	4	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
114	5	PADZZ	5910-957-8577	CM05ED680J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	3
114	6	PADZZ?	5910-835-2719	CTM223VAJ	81349	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	4
114	7	PADZZ	5910-725-4794	CMO06FD222J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
114	8	PADZZ	5910-460-0852	CM06FD471J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
114	9	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
114	10	PADZZ	5910-723-5261	CM05ED200J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
114	11	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
114	12	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
114	13	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
114	14	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	18
114	15	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
114	16	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
114	17	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
114	18	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
114	19	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
114	20	PADZZ	5935-242-2023	SM-D-2017423-66	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
114	21	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1
114	22	PADZZ	5961-022-5670	2N3439	81349	TRANSISTOR	EA	1
114	23	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
114	24	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	9
114	25	PADZZ	5905-952-6824	RN60D4320F	81349	RESISTOR, FIXED, FILM	EA	1
114	26	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	1
114	27	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	8
114	28	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	5
114	29	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	2
114	30	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	3



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE  
CIRCUIT PATTERN—DARK SHADING INDICATES  
COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION  
PREFIX WITH 8A1A9

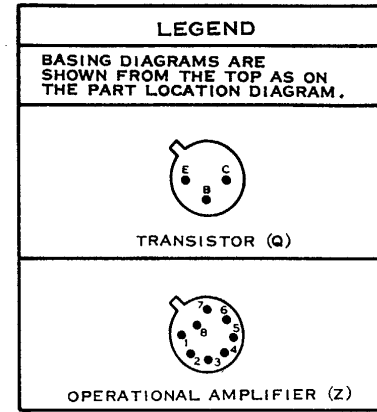
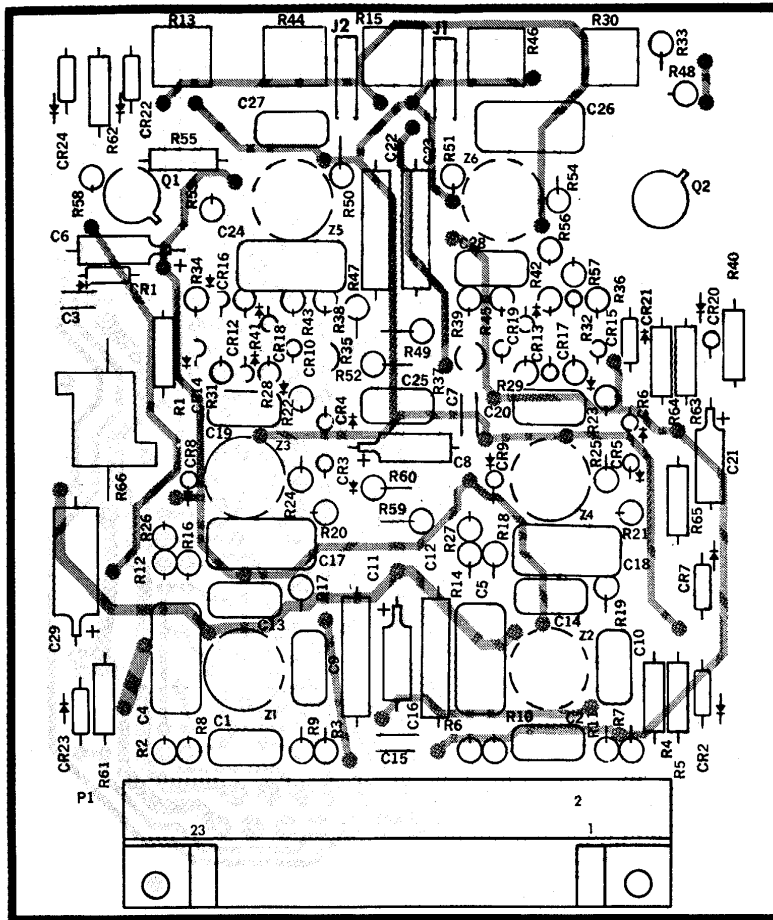
DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1 1	CR1 8	Q2 17	R9 26
C2 2	J1 9	Q3 18	R10 27
C3 3	J2 10	R1 19	R11 28
C4 4	J3 11	R2 20	R12 29
C5 5	L1 12	R3 21	R13 30
C6 6	L2 13	R4 22	R14 31
C7 7	L3 14	R5 23	R15 32
C8 2	L4 15	R6 24	T1 33
C9 7	P1 16	R7 25	T2 34
C10 2	Q1 17	R8 26	

EL5850 - 241 - 34P - TM - 113

Figure 113. Driver, read horizontal deflection.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
114	31	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	5
114	32	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FIM'	EA	4
114	33	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILM	EA	2
114	34	PADZZ	5905-194-1695	RN6OD4751F	81349	RESISTOR, FIXED, FILM	EA	3
114	35	PADZZ	5905-078-8293	RN60D1821F	81349	RESISTOR, FIXED, FILM	EA	2
114	36	PADZZ	5905-140-6159	RTH06BS182F	81349	RESISTOR, THERMAL	EA	2
114	37	PADZZ	5905-452-0773	RN60D8250F	81349	RESISTOR, FIXED, FILM	EA	4
114	38	PADZZ	5905-186-2283	RN600D5623F	81349	RESISTOR, FIXED, FILM	EA	1
114	39	PADZZ	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	3
114	40	PADZZ	5905-998-9178	RT24C2D202	81349	RESISTOR, VARIABLE	EA	2
114	41	PADZZ	5905-984-7681	RN6OD2002F	81349	RESISTOR, FIXED, FILM	EA	2
114	42	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	1
114	43	PADZZ	5905-432-6410	RN60D100IF	81349	RESISTOR, FIXED, FILM	FA	4
114	44	PADZZ	5905-947-0897	RE60GIORO	81349	RESISTOR, FIXED, WIREWOUND	EA	1
114	45	PADZZ	5962-245-5325	SM-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	2
114	46	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLII ,, GROUP 8A1A11 CONTROL, READ FOCUS	EA	4
115	1	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	5
115	2	PADZZ	5910-460-0868	CM05FD101J03	81349	CAPACITOR, FIXED, MICA DIELECIRIC	EA	4
115	3	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	3
115	4	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	7
115	5	PADZZ	5910-957-8577	CM05ED680Jo3	81349	CAPACITOR, FIXED, MICA DIEIECTRIC	EA	3
115	6	PADZZ	5910-846-8703	CTM103VAJ	81349	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	2
115	7	PADZZ	5910-900-4641	CMO6FD472Jo3	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
115	8	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
115	9	PADZZ	5910-790-3781	CM06FD222J03	81349	CAPACITOR, FIXED, MICA DIEIECTRIC	EA	1
115	10	PADZZ	5910-723-5267	CM05ED200J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
115	11	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXFD, ELECTROLYTIC	EA	2
115	12	PADZZ	5910-460-0852	CM06FD471J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
115	13	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	11
115	14	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	5
115	15	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
115	16	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
115	17	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
115	18	PADZZ	5985-140-0096	91-D-2017423-65	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
115	19	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
115	20	PADZZ	5961-022-5670	2N3439	81349	TRANSISTOR	EA	1
115	21	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1
115	22	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	4
115	23	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	3
115	24	PADZZ	5905-137-0804	RN6OD1003F	81349	RESISTOR, FIXED, FIILM	EA	1
115	25	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILI	EA	7
115	26	PADZZ	5905-189-2454	RN60D104F	81349	RESISTOR, FIXED, FILM	EA	1



DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	R9	28
C2	1	R10	27
C3	2	R11	28
C4	3	R12	29
C5	4	R13	30
C6	5	R14	29
C7	2	R15	30
C8	4	R16	28
C9	5	R17	27
C10	5	R18	28
C11	6	R19	27
C12	6	R20	24
C13	1	R21	24
C14	1	R22	31
C15	2	R23	31
C16	4	R24	24
C17	7	R25	24
C18	7	R26	32
C19	1	R27	32
C20	1	R28	33
C21	4	R29	33
C22	6	R30	30
C23	6	R31	34
C24	8	R32	34
C25	5	R33	28
C26	9	R34	35
C27	10	R35	36
C28	11	R36	35
C29	12	R37	36
CR1	13	R38	37
CR2	13	R39	37
CR3	14	R40	38
CR4	14		
CR5	14	R9	28
CR6	14	R10	27
CR7	15	R11	28
CR8	14	R12	29
CR9	14	R13	30
CR10	14	R14	29
CR11	14	R15	30
CR12	14	R16	28
CR13	14	R17	27
CR14	14	R18	28
CR15	14	R19	27
CR16	14	R20	24
CR17	14	R21	24
CR18	14	R22	31
CR19	14	R23	31
CR20	14	R24	24
CR21	13	R25	24
CR22	14	R26	32
CR23	16	R27	32
CR24	17	R28	33
J1	18	R29	33
J2	19	R30	30
P1	20	R31	34
Q1	21	R32	34
Q2	22	R33	28
R1	23	R34	35
R2	24	R35	36
R3	24	R36	35
R4	25	R37	36
R5	26	R38	37
R6	24	R39	37
R7	24	R40	38
R8	27		
R9	28	R41	37
R10	27	R42	37
R11	28	R43	39
R12	29	R44	40
R13	30	R45	37
R14	29	R46	40
R15	30	R47	41
R16	28	R48	42
R17	27	R49	41
R18	28	R50	34
R19	27	R51	24
R20	24	R52	31
R21	24	R53	32
R22	31	R54	32
R23	31	R55	27
R24	24	R56	27
R25	24	R57	27
R26	32	R58	43
R27	32	R59	31
R28	33	R60	43
R29	33	R61	39
R30	30	R62	43
R31	34	R63	27
R32	34	R64	31
R33	28	R65	43
R34	35	R66	44
R35	36	Z1	45
R36	35	Z2	45
R37	36	Z3	46
R38	37	Z4	46
R39	37	Z5	46
R40	38	Z6	46

NOTE. UNLESS OTHERWISE SPECIFIED

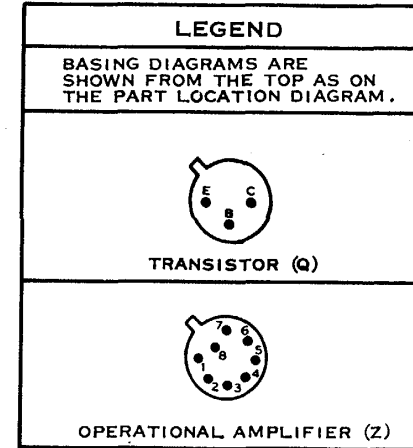
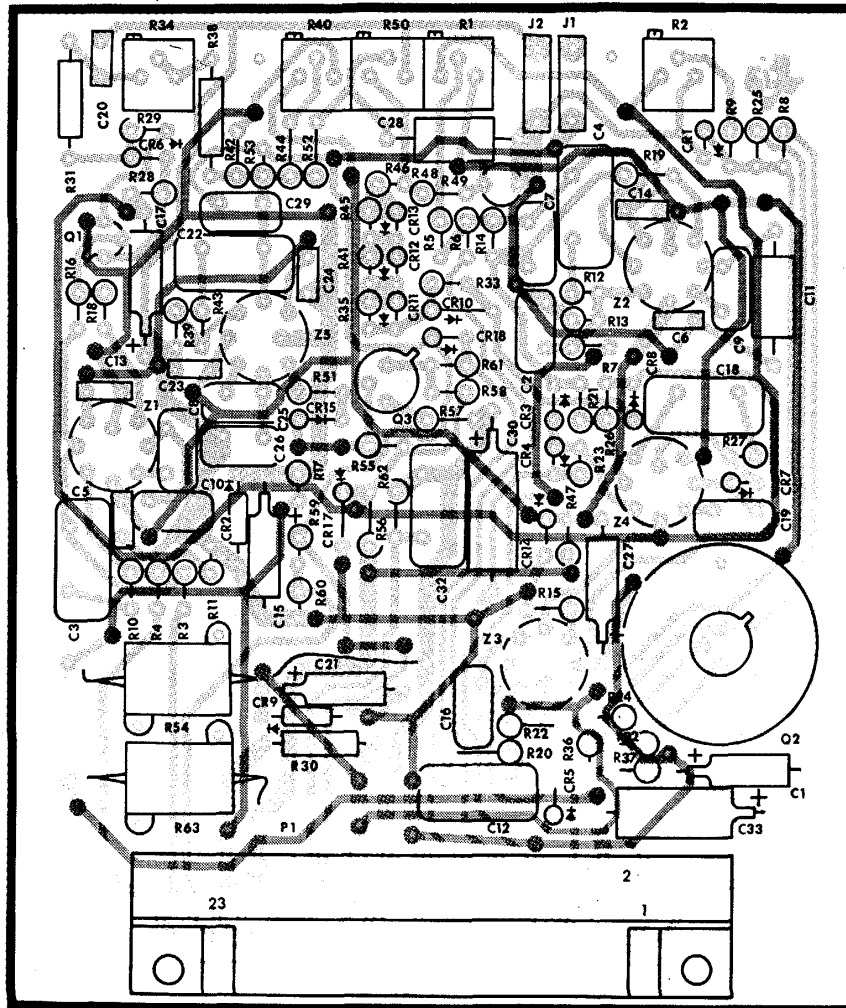
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN,
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A1A10.

EL5850 - 241 - 34P - TM - 114

Figure 114. Control, write focus.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
115	27	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM	EA	5
115	28	PAD7Z	5905-142-0901	RN60D2500F	81349	RESISTOR, FIXED, FILM	EA	8
115	29	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	5
115	30	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
115	31	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	1
115	32	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
115	33	PADZZ	5905-194-1695	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	4
115	34	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILM	EA	1
115	35	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
115	36	PADZZ	5905-078-8293	RN60D1821F	81349	RESISTOR, FIXED, FILM	EA	1
115	37	PADZZ	5905-189-2456	RN60D1103F	81349	RESISTOR, FIXED, FILM	EA	1
115	38	PADZZ	5905-112-1661	RN60D4423F	81349	RESISTOR, FIXED, FILM	EA	1
115	39	PADZZ	5905-452-0773	RN60D8250F	81349	RESISTOR, FIXED, FILM	EA	2
115	40	PADZZ	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	1
115	41	PADZZ	5905-952-6824	RN60D4320F	81349	RESISTOR, FIXED, FILM	EA	1
115	42	PADZZ	5905-140-6159	RTH06BS182F	81349	RESISTOR, THERMAL	EA	1
115	43	PADZZ	5905-998-9178	RT24C2P202	81349	RESISTOR, VARIABLE	EA	1
115	44	PADZZ	5905-947-0897	RF60GIORO	81349	RESISTOR, FIXED, WIREWOUND	EA	2
115	45	PADZZ	5905-232-7791	RN60D1500F	81349	RESISTOR, FIXED, FILM	EA	1
115	46	PADZZ	5962-245-5325	SI-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	3
115	47	PADZZ	5962-861-3220	S4-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 8A1A12 ASSEMBLY, DEFLECTION HEATSINK	EA	2
116	1	PADZZ	5961-878-4297	1N2975B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
116	2	PADZZ	5935-489-9999	M24308-4-3	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
116	3	PADZZ	5961-923-3951	2N2151	81349	TRANSISTOR	EA	2
116	4	PADZZ	5905-Q47-0897	RF60GIORO	81349	RESISTOR, FIXED, WIREWOUND	EA	2
116	5	PADZZ	5905-140-6133	M22-15-00O71UB	81349	RESISTOR, VARIABLE-POWER GROUP 8A1A12 POWER SUPPLY, 4 4 KV	EA	1
117	1	PADDZ	6110-403-5826	SM-D-2019132	80063	POWER SUPPLY, 4 4 KV AND 1KV	EA	2
117	2	PAFDD	6110-231-7788	SM-D-2019132-1	80063	POWER SUPPLY, 4 4 KV AND 1 KV	EA	1
117	3	PAFZZ	6130-185-8095	SM-D-2019819	80063	HIGH VOLTAGE ASSEMBLY, POTTED GROUP 8A1PSIAI, A2, A3 POWER SUPPLY, 4 4 KV AND 1 KV	EA	1
118	1	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
118	2	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
118	3	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
118	4	PADZZ	5910-113-Q449	CK06BX683K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
118	5	PADZZ	5910-212-3687	CL21BJ4R5TPE	81349	CAPACITOR, FIXED, ELCTROLYTIC	EA	2
118	6	PADZZ	5910-460-0869	C405F0221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
118	7	PADZZ	5961-581-9700	1N816	81349	SF4,T'uK DEVICE, DIODE	EA	2
118	8	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
118	9	PADZZ	5961-829-3160	1N969B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
118	10	PADZZ	5961-226-5134	1N938B	8134q	SEMICONDUCTOR DEIVCE, DIODE	EA	1



DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	1	R8	26
C2	2	R9	27
C3	3	R10	28
C4	3	R11	27
C5	4	R12	28
C6	4	R13	27
C7	2	R14	27
C8	5	R15	25
C9	5	R16	27
C10	2	R17	29
C11	6	R18	29
C12	7	R19	28
C13	4	R20	30
C14	4	R21	25
C15	1	R22	28
C16	8	R23	24
C17	1	R24	28
C18	9	R25	31
C19	2	R26	25
C20	4	R27	30
C21	1	R28	32
C22	3	R29	33
C23	4	R30	29
C24	4	R31	33
C25	5	R32	28
C26	8	R33	34
C27	1	R34	22
C28	6	R35	33
C29	10	R36	24
C30	11	R37	35
C32	12	R38	33
CR1	13	R39	25
CR2	14	R40	22
CR3	13	R41	36
CR4	13	R42	37
CR5	14	R43	28
CR6	13	R44	38
CR7	13	R45	39
CR8	13	R46	40
CR9	14	R47	41
CR10	13	R48	39
CR11	13	R49	42
CR12	13	R50	43
CR13	13	R51	28
CR14	15	R52	23
CR15	14	R53	24
CR17	14	R54	44
CR18	13	R55	24
J1	16	R56	45
J2	17	R57	29
P1	18	R58	24
Q1	19	R59	24
Q2	20	R60	35
Q3	21	R61	29
R1	22	R62	25
R2	22	R63	44
R3	23	Z1	46
R4	23	Z2	46
R5	24	Z3	47
R6	25	Z4	47
R7	25	Z5	46

NOTE. UNLESS OTHERWISE SPECIFIED  
 1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.  
 2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A1A11.

Figure 115. Control, read focus.

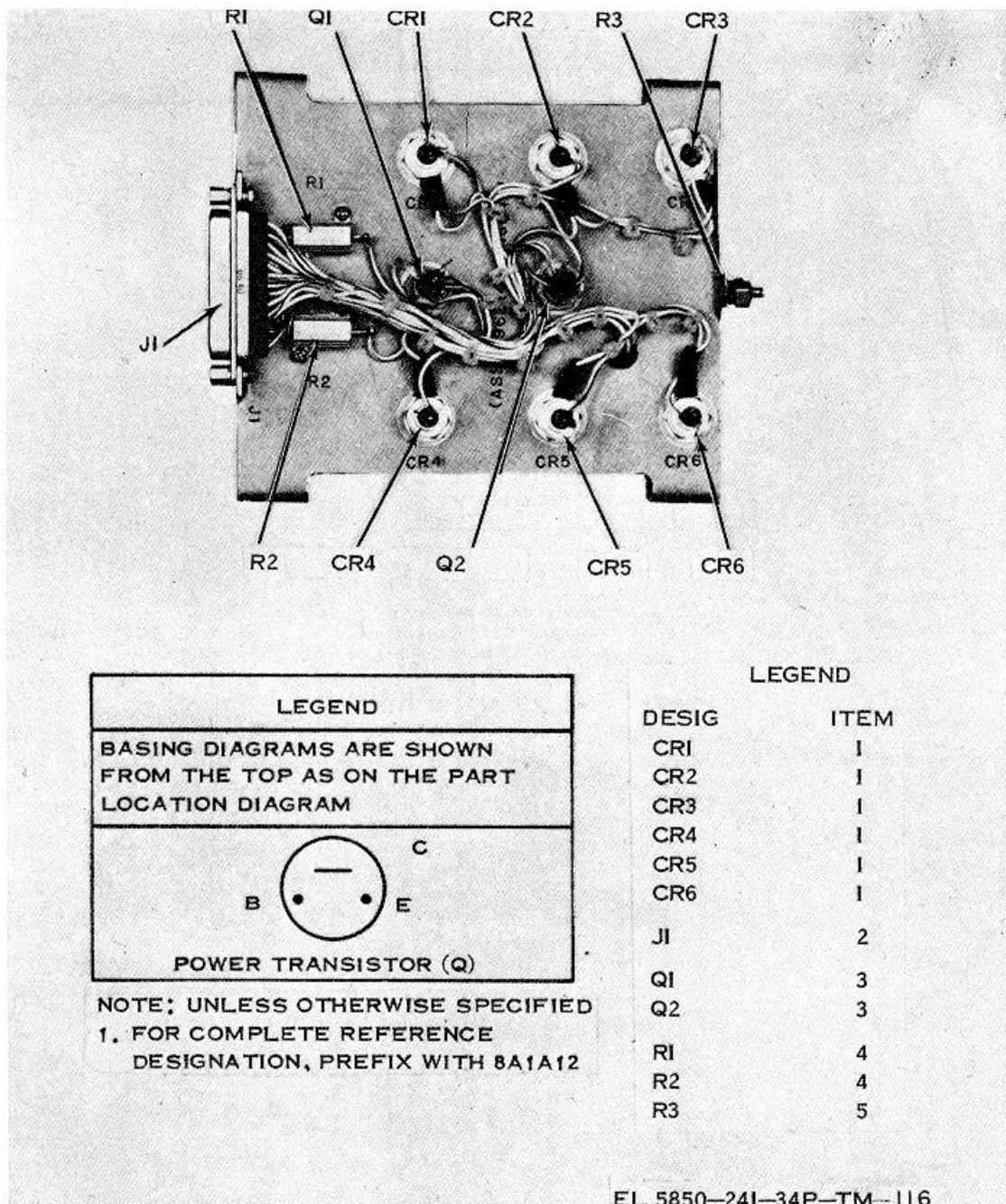
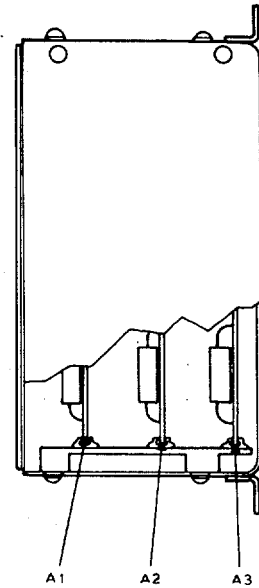
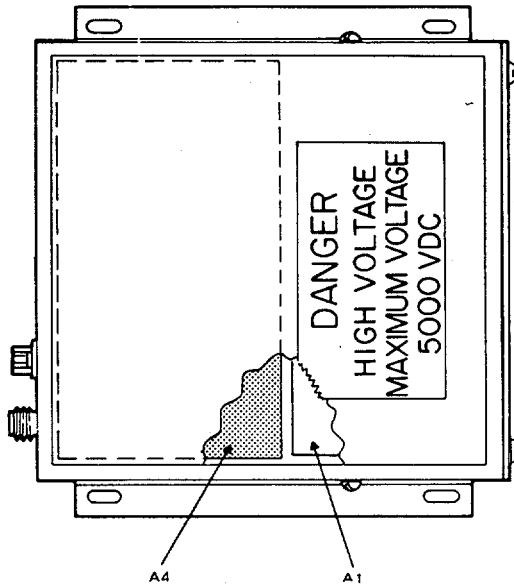


Figure 116. Deflection heatsink assembly.

LEGEND

DESIG	ITEM
A1	1
A2	1
A3	2
A4	3



NOTE, UNLESS OTHERWISE SPECIFIED  
 1. FOR COMPLETE REFERENCE  
 DESIGNATION PREFIX WITH 8A1PS1

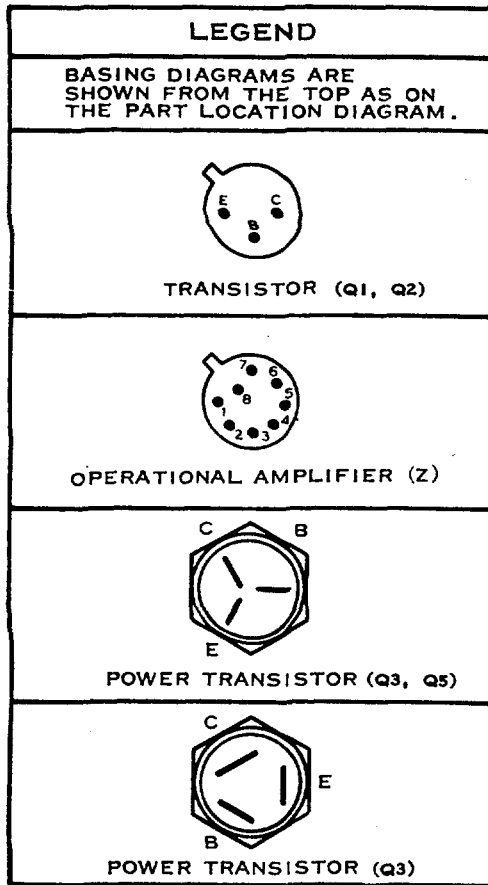
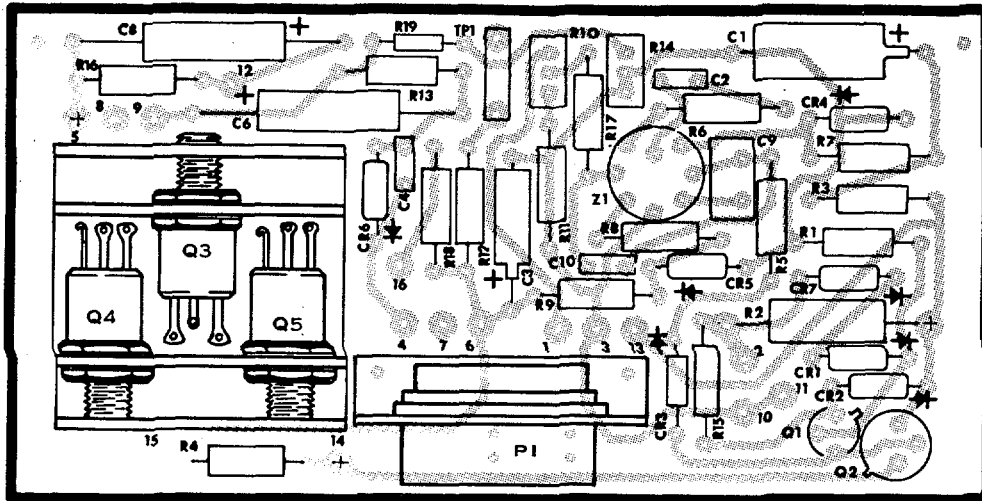
EL5850-241-34P-TM-117

Figure 117. Power supply, 4.4 KV.



SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
118	11	PADZZ	5935-432-6513	SI-C-2017494-1	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
118	12	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
1118	13	PADZZ	5961-050-1499	2N2219A	81349	TRANSISTOR	EA	1
118	14	PADZZ	5961-923-3951	2N2151	81349	TRANSISTOR	EA	1
118	15	PADZZ	5961-405-0465	SII-D-2019501-1	80063	TRANSISTOR	EA	2
118	16	PADZZ	5905-902-1208	RW7U1001F	81349	RESISTOR, FIXED, WIERWOUND	EA	1
118	17	PADZZ	5905-901-7049	RW79UR825F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
118	18	PADZZ	5905-774-7971	RN60D1100F	81349	RESISTOR, FIXED, FILM	EA	1
118	19	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
118	20	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
118	21	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
118	22	PADZZ	5905-232-1791	RN60D1500F	81349	RESISTOR, FIXED, FILM	EA	2
118	23	PADZZ	5905-412-0824	RN60D4323F	81349	RESISTOR, FIXED, FILM	EA	2
118	24	PADZZ	5905-998-2313	RN60D1211F	81349	RESISTOR, FIXED, FILM	EA	1
118	25	PADZZ	5905-141-0678	RJ24CX503	81349	RESISTOR, VARIABLE, WIREWOUND	EP	1
118	26	PADZZ	5905-988-2310	RN60D0000OF	81349	RESISTOR, FIXED, FILM	EA	3
118	27	PADZZ	5905-085-0138	RT22C2X203	81349	RESISTOR, VARIABLE, WIREWOUIID	EA	1
118	28	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
118	29	PADZZ	5905-965-9129	RN55D5621F	81349	RESISTOR, FIXFD, FIILM	EA	1
118	30	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
118	31	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	
119	1	XBDZZ		SM-D-2019070	80063	SHIELD, TOP, VIDEO CONVERTER	EA	1
119	2	XBDZZ		SM-D-2019043	80063	SUPPORT, COIL, SC DISPLAY	EP	1
119	3	XBDZZ		SM-D-2019074	80063	SUPPORT, BUMPER	EA	4
119	4	XBDZZ	5340-783-4780	SM-C-2018181-2	80063	BUMPER, RUBBER	EA	4
119	5	XBDZZ		SM-D-2039075	80063	CLAIP, ELECTRON TUBE	EA	2
119	6	XBDZZ		SM-C-2019072	80063	SHIELD, END, WRITE	EA	1
119	7	PADZZ	5935-147-9415	91-C-2017358-1	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
119	8	XBDZZ		SM-D-2019071	80063	SHIELD, BOTTOMS, SCDISPLAY	EA	1
119	9	PADDZ	5950-197-1762	SM-D-201902B	80063	DECELERATOR ASSEMBLY, VIDEO CONVERT	EA	1
119	10	PADZZ	5935-128-8724	SM-C-2019692-1	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
119	11	XBDZZ		SM-C-2019073	80063	COVER, END, READ ELECTRON TUBE	EA	1
119	12	PADZZ	5935-408-8261	SM-D-2019405-9	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
119	13	PADZZ	5960-243-3635	SM-D-2017411-2	80063	ELECTRON TUBE	EA	1
119	14	PADDL	5950-431-0332	SM-D-2019016	80063	COLLECTOR ASSEMBLY, VIDEO CONVERTER	EA	1
119	15	ADDDL	5950-482-2165	SM-D-2017425-2	80063	COIL, FOCUS	EA	1
110	16	ADDDL		SM-E-2019290-2	80063	COIL ASSEMBLY, ADJUSTABLE	EA	1
119	17	XBDZZ		SM-D-2019044	80063	SUPPORT, YOKE, SCDISPLAY	EA	1
119	18	PADZZ	5950-195-1008	SM-D-2017420-1	80063	COIL ASSEMBLY, TUBE DEFLECTION	EA	1
119	19	XBDZZ		SM-D-2019292	80063	FRAME, SLIDING	EA	2
119	20	PADDL	5850-449-0676	S4-D-2019067	80063	INTERFACE, READ YOKE	EA	1
119	21	XBDZZ	SM-C-2019064		80063	GUARD, NO 2, PRINTED WIRING BOARD	EA	1



DESIG ITEM	DESIG ITEM	DESIG ITEM			
C1	1	CR7	7	R8	23
C2	2	P1	11	R9	24
C3	3	Q1	12	R10	25
C4	4	Q2	13	R11	23
C6	5	Q3	14	R12	26
C8	5	Q4	15	R13	26
C9	6	Q5	15	R14	27
C10	2	R1	16	R15	22
CR1	7	R2	17	R16	26
CR2	8	R3	18	R17	19
CR3	8	R4	19	R18	28
CR4	9	R5	20	R19	29
CR5	10	R6	21	AITPI	30
CR6	8	R7	22	Z1	31

NOTE: UNLESS OTHERWISE SPECIFIED

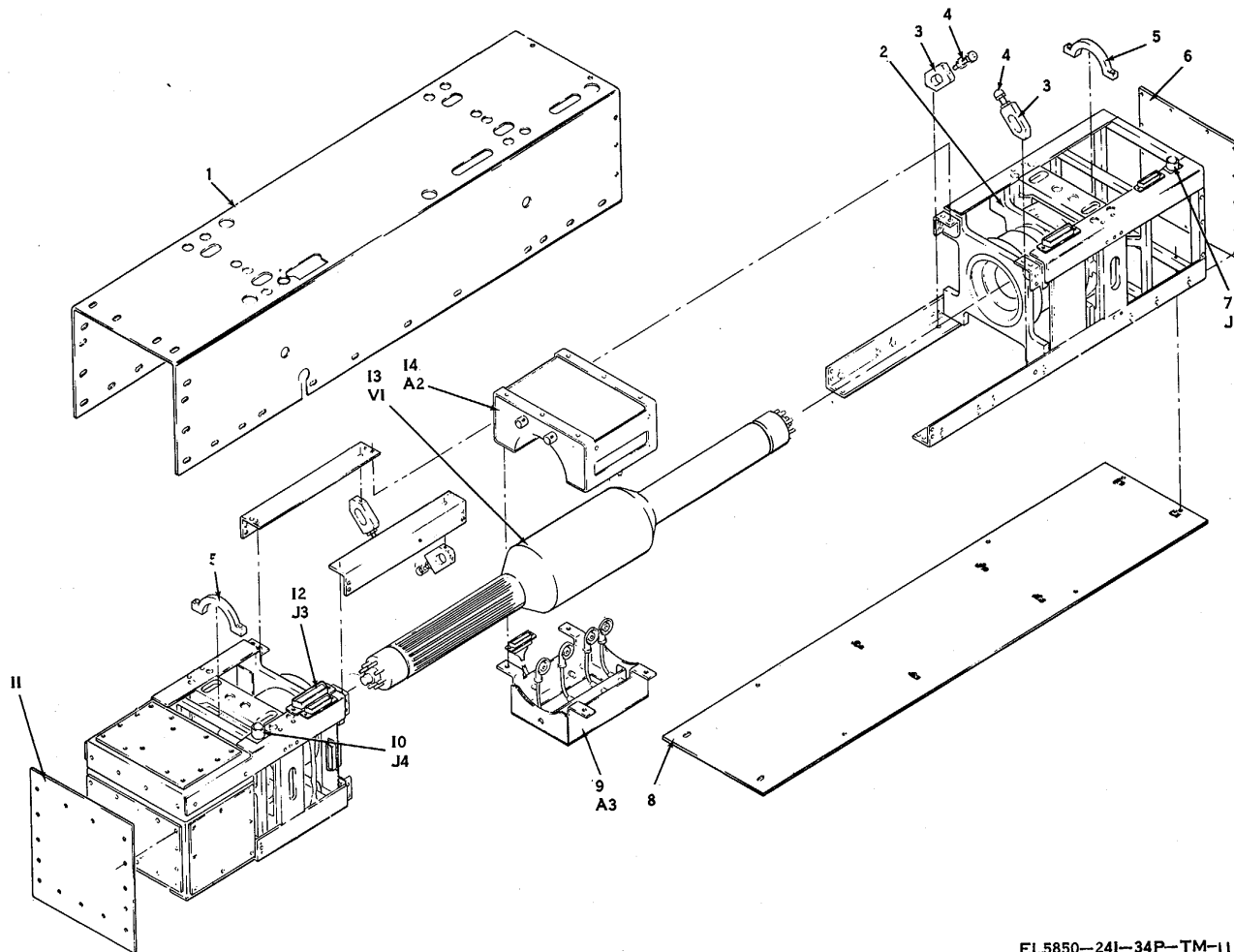
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A1PS1A1/A2 OR A3

EL5850 - 241 - 34P - TM - 118

Figure 118. Power supply, 4.4 and 1KV.

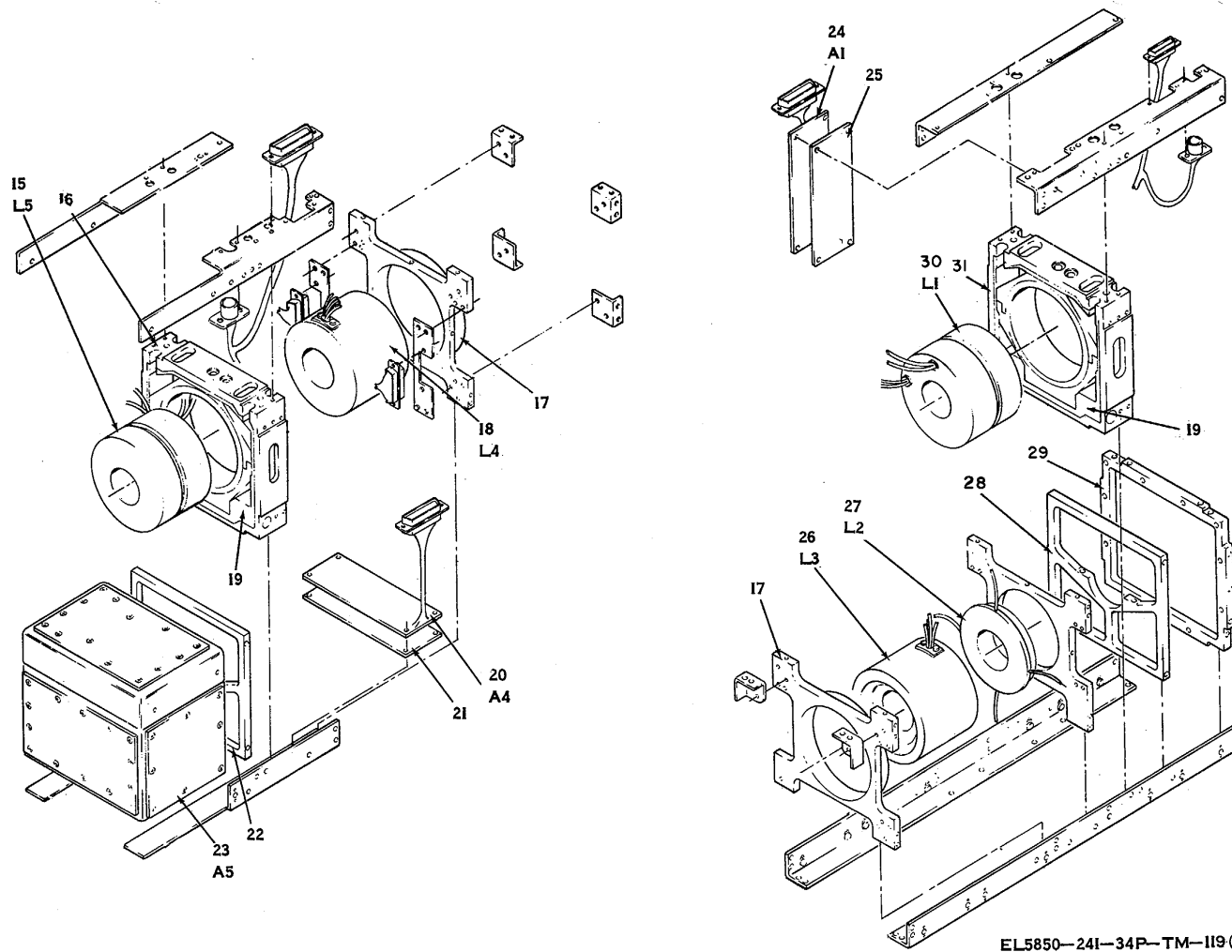
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
119	22	XBDZZ		SM-D-2019042-1	80063	SUPPORT, CLAMP, S C. DISPLAY	EA	1
110	23	PADDL	5850-431-0333	SM-E-2019256	80063	OSCILLATOR ASSEMBLY 60 MEGAHERTZ	EA	1
119	24	PADDL	5850-408-4990	SM-D-2019048	80063	INTERFACE, WRITE-YOKE	EA	1
119	25	XBDZZ		SM-C-2019049	80063	GUARD, NO 1, PRINTED WIRING BOARD	EA	1
119	26	XBDZZ		SM-D-2017419-1	80063	COIL, TUBE DEFLECTION	EA	1
119	27	XBFZZ		SM-D-2017424-1	80063	COIL, BEAJI CENTERING	EA	1
119	28	XBDZZ		SM-D-2019042	80063	SUPPORT, CLAMP, S. C DISPLAY	EA	1
119	29	XBDZZ		SM-D-2019041	80063	SUPPORT, END, SHIELD, S .C DISPLAY	EA	1
119	30	XBDZZ		SM-D-2017425-1	80063	COIL, FOCUS	EA	1
119	31	XBDZZ		SM-C-2019200-1	80063	COIL ASSDABLY, ADJUSTABLE	EA	1
119	32	PAD7Z	5935-490-8697	SM-C-2019615-2	80063	CONNECTOR, RECEPTACLE, ELFCRICAL	EA	1
119	33	PAD7Z	5935-433-2453	SM-C-2019262	80063	SOCKET, CRT, MODIFIED	EA	1
119	34	PAD7Z	5935-140-6136	SM-D-2019213-10	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	2
119	35	ADFDD		SM-D-2019669	80063	WIRING, HARNESS, BRANCHED READ	EA	1
119	36	PADZZ	5935-958-2108	SM-D-2019420-2	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
110	37	PADZZ	5935-835-0508	SM35168-88F	q6906	CONNECTOR, PLUG, ELECTRICAL	EA	2
119	38	PADZZ	5935-913-4969	SM-D-2017383-1	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
119	39	PADZZ	5935-490-3750	SM-D-2019214-6	80063	CONNECTOR, RECEPTACLE, IEICTRICAL GROUP 8A2A1 INTERFACE, WRITE YOKE SEMICONDUCTOR DEVICE, DIODE	EA	1
120	1	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
120	2	PADZZ	5940-082-5002	SE16XC01	81349	TERMINAL, STUD	EA	35
120	3	PADZZ	5945-406-3075	94-D-2017461-3	80063	RELAY, ARMATURE	EA	1
120	4	PADZZ	5935-489-9990	M24308-4-3	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
120	5	PADZZ	5961-951-5474	9S-C-2019440-1	80063	INSULATOR, PLATE GROUP 8A2A2 ASSEMBLY, COLLECTOR PREAMPLIFIER PREAMPLIFIER	EA	1
121	1	PADDL	5850-449-0581	SM-D-2019027	80063	PREAMPLIFIER	EA	1
121	2	PADZZ	5910-068-3302	CK72AX102Z	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	8
121	3	PADZZ	5910-140-6135	SMD-2017428-2	80063	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	7
121	4	PADZZ	5935-892-9035	UG657U	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	2
121	5	PADZZ	5950-836-0369	11290542-15	96906	COIL, RADIO FREQUENCY	EA	5
121	6	PADZZ	5935-147-9414	9t-D-2019213-9	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
121	7	PADZZ	5905-988-2309	RN60DIOROF	81349	RESISTOR, FIXED, FILM	EA	2
121	8	PADZZ	5905-983-6914	RN60DIOO2F	81349	RESISTOR, FIXED, FILM GROUP 8A2A2A1 PREAMPLIFIER. VIDEO CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
122	1	PADZZ	5910-838-9421	CK60AW102M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	10
122	2	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
122	3	PADZZ	5910-964-6513	CM05ED620J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
122	4	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
122	5	PADZZ	5961-852-7549	1N754A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
122	6	PADZZ	5961-894-0684	1N758A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
122	7	PADZZ	5950-478-4969	SM-D-201q430-1	81349	COIL, FORM	EA	1
122	8	PADZZ	5961-926-7294	2N2857	81349	TRANSISTOR	EA	1
122	q	PADZZ	5961-905-4815	2N918	81349	TRANSISTOR	EA	2



EL5850-241-34P-TM-119①

Figure 119 (1). Shield tube assembly (sheet 1 of 4).



EL5850-241-34P-TM-119 ②

Figure 119 (2). Shielded tube assembly (sheet 2 of 4).

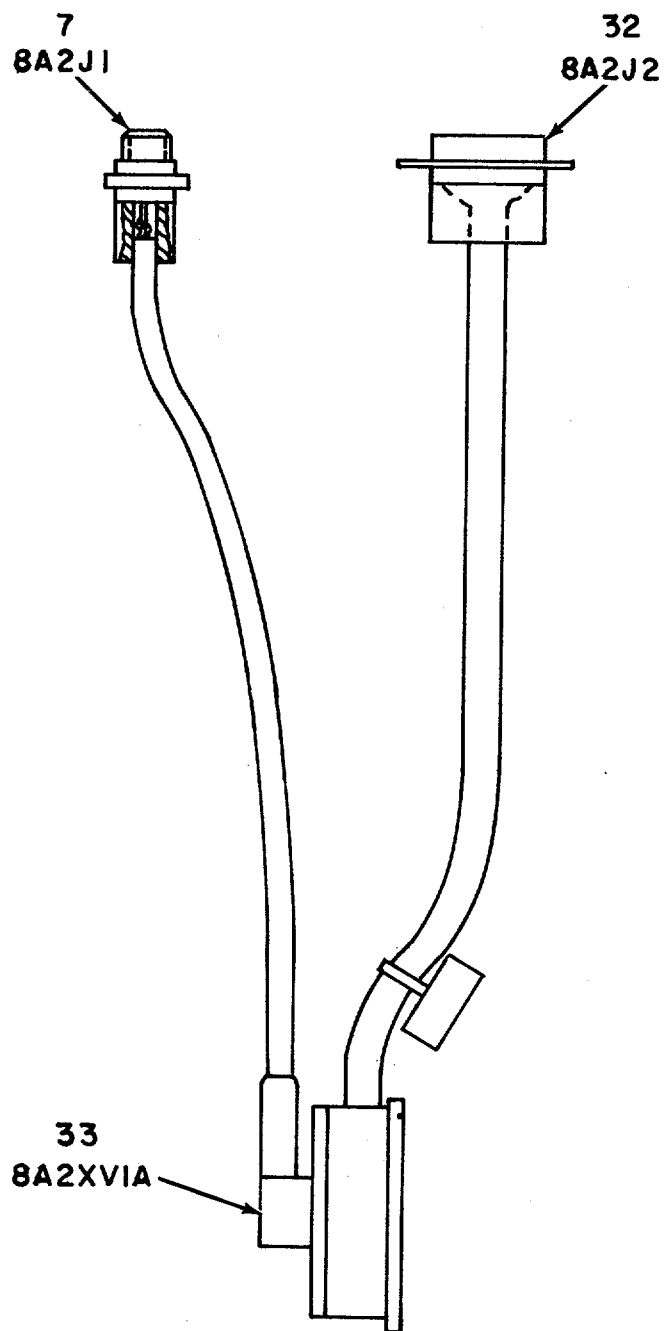
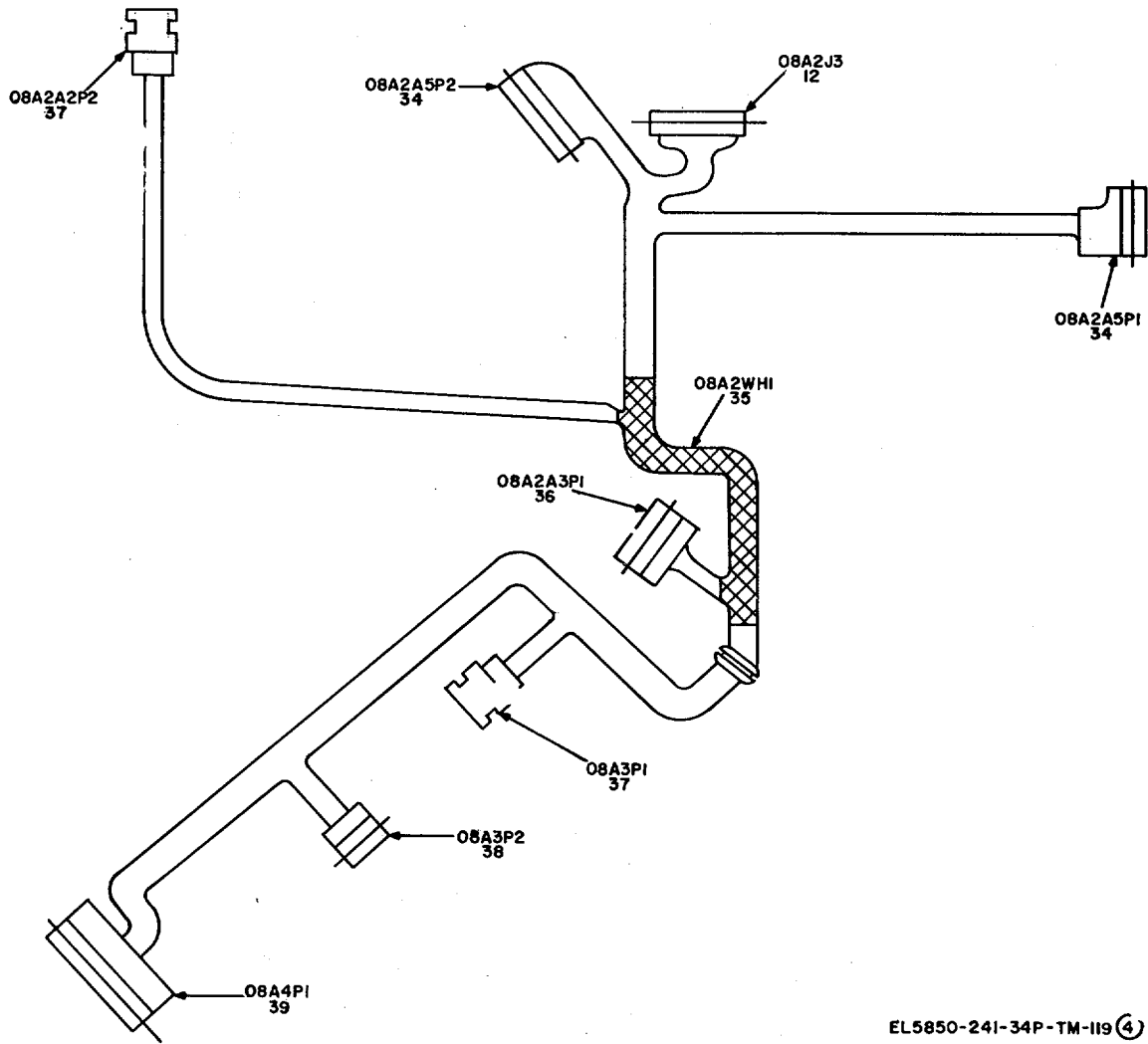


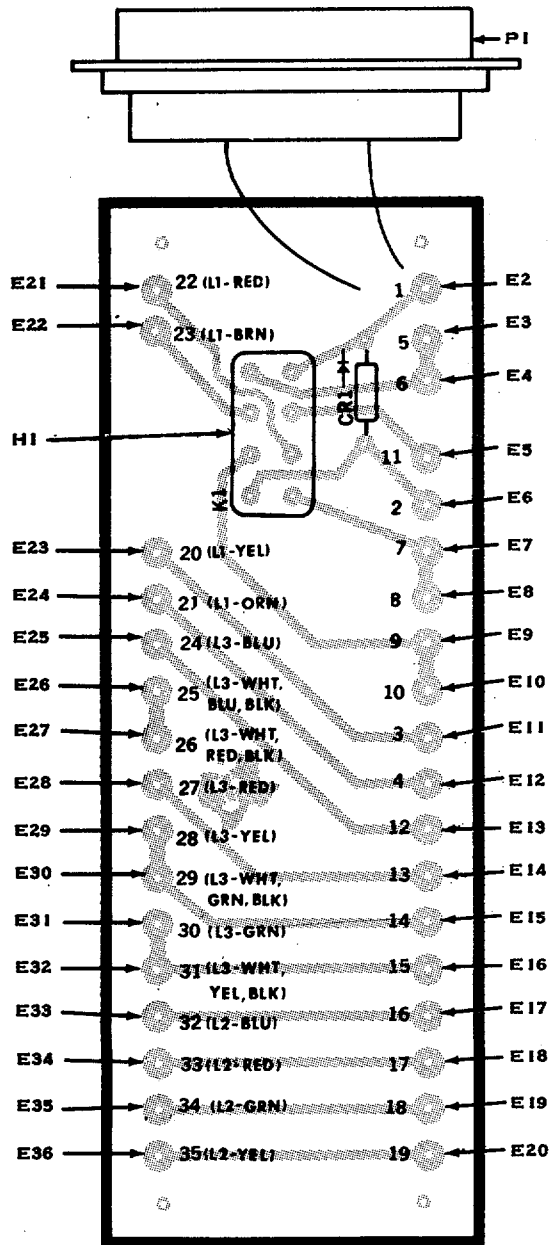
Figure 119 (3). Shielded tube assembly (sheet 3 of 4).

EL5850-241-34P-TM-119



EL5850-241-34P-TM-119 (4)

Figure 119 (4). Shielded tube assembly (sheet 4 of 4).



DESIG ITEM	DESIG ITEM	DESIG ITEM
CR1 1	E14 2	E27 2
E2 2	E15 2	E28 2
E3 2	E16 2	E29 2
E4 2	E17 2	E30 2
E5 2	E18 2	E31 2
E6 2	E19 2	E32 2
E7 2	E20 2	E33 2
E8 2	E21 2	E34 2
E9 2	E22 2	E35 2
E10 2	E23 2	E36 2
E11 2	E24 2	HI 5
E12 2	E25 2	K1 3
E13 2	E26 2	PI 4

NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A2A1
4. HI IS AN INSULATOR DISK WHICH IS UNDER K1

EL5850 - 241 - 34P - TM - 120

Figure 120. Interface, write yoke.



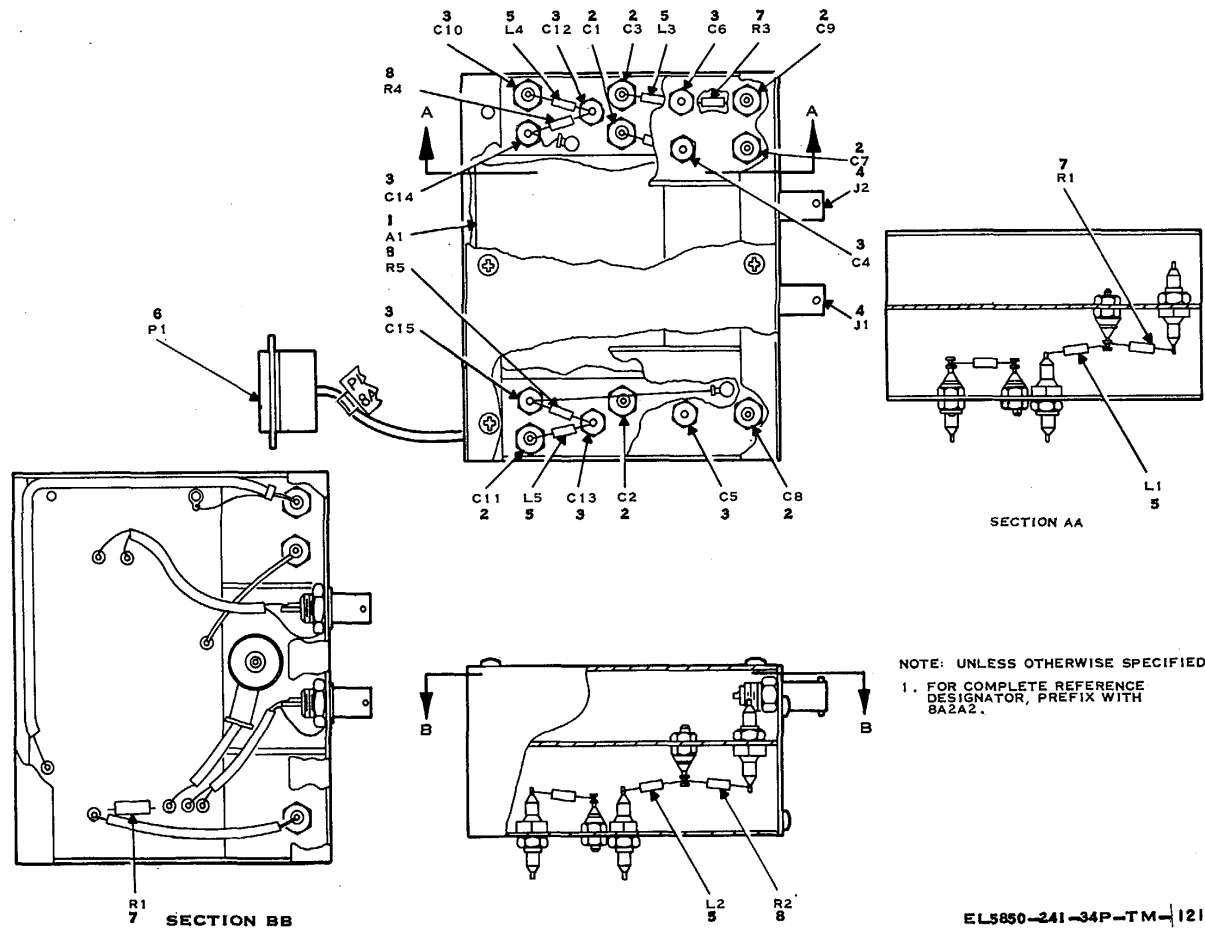
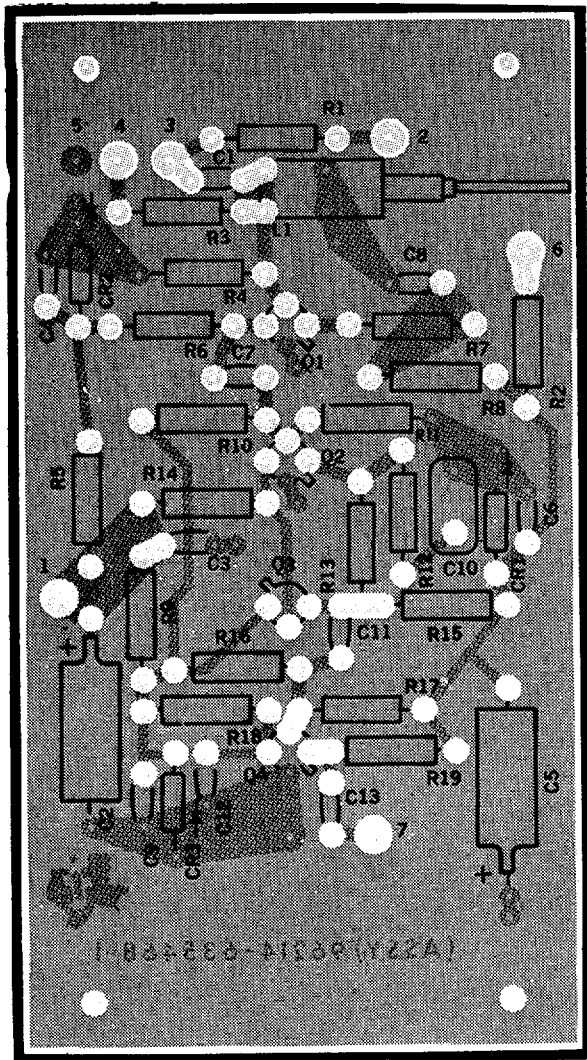


Figure 121. Collector preamplifier assembly.

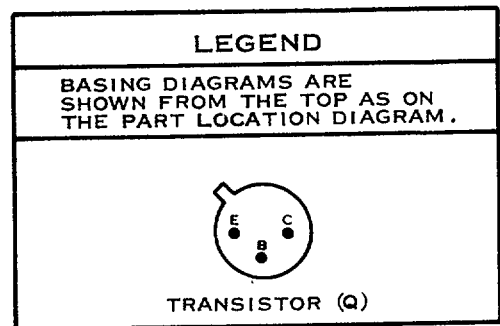
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
122	10	PADZZ	5961-911-6015	2N3251A	81349	TRANSISTOR	EA	1
122	11	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXFD, FILM	EA	1
122	12	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXFD, FILM	EA	2
122	13	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FI4LM	EA	2
122	14	PADZZ	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FIPW	EA	2
122	15	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	1
122	16	PADZZ	5905-451-7533	RN60D22R1F	81349	RESISTOR, FIXED, FIIM	FA	1
122	17	PADZZ	5905-985-5466	RN60D6811F	81349	RESISTOR, FIXED, FILM	EA	1
122	18	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	2
122	19	PADZZ	5905-432-6410	RN6ODIOO1F	81349	RESISTOR, FIXED, FILM	EA	2
122	20	PADZZ	5905-452-0769	RN60D6192F	81349	RFSISTOR, FIXED, FID'	EA	1
122	21	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILM	EA	1
122	22	PADZZ	5905-138-1285	RN600D2001F	81349	RESISTOR, FIXFD, FILW	EA	1
123	1	PADZZ	5910-068-3302	CK72AX102M	81349	GROUP 8A2A3 ASSEMBLY, DECFLERATOR	EA	8
123	2	PADZZ	5910-140-6135	SM-D-2017428-2	80063	CAPACITOR, FIXED, CFRAIIC DIFLECTRIC	EA	8
123	3	PADZZ	5950-836-0369	MS90542-15	96906	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	4
123	4	PADZZ	5940-204-5241	St-D-2019693-1	80063	COIL, RADIO FREOUENCY	EA	4
123	5	PADZZ	5935-905-8470	SM-D-2019420-1	80063	CLIP, ELECTRICAL	EA	4
123	6	PADZZ	5905-983-6914	RN6D1O002F	81349	CONNECTO9, RECFTACL, FLFCTRICAL	EA	1
124	1	PADZZ	5961-087-6047	1N645	81349	RESISTOR, FIXED, FILM	EA	4
124	2	PADZZ	5935-490-3743	M24308-4-2	81349	GROUP 8A2A4 INTERFACE, READ YOKE	EA	1
124	3	PADZZ	5945-406-3075	S4-D-2017461-3	80063	H DEVICE, DIODE	EA	1
124	4	PADZZ	5905-758-2063	RN6OD2210F	81349	CONNECTOR, PLUG, ELFCTRICAL	EA	1
125	1	PADDL	5850-403-1008	SM-D-2019272	80063	RELAY, APRATURE	FA	1
125	2	PADZZ	5910-804-7566	CK70AW102M	81349	RFSISTOR, FIXED, FILM	EA	1
125	3	PADZZ	5910-068-3302	CK72AX1ln2	81349	GROUP 8A2A5 ASSEMBLY, OSCILLATOR, 60MHz	EA	1
125	4	PADZZ	5910-740-6138	SM-C-2017397-2	80063	MODULATOR, 60' Hz	EA	1
125	5	PADZZ	5999-482-2190	SM-D-2019424-5	80063	CAPACITOR, FIXED, CFRAMIC DIELECTRIC	EA	15
125	6	PADZZ	5933-147-9414	SM-D-2019213-9	80063	CAPACITOR, FIXFD, CERAMIC DIELECTRIC	FA	3
125	7	PADZZ	5950-836-0369	MS90542-15	96906	CAPACITOR, FIXFD, CERAMIC DIELECTRIC	EA	1
125	8	PADZZ	5950-655-0842	MS91189-19	96906	CONTACT, ELFCTRICAL	EA	1
125	9	PADZZ	5995-007-2596	SM-C-2017448-2	80063	CONNECTOR, RECEPTACL, FLECTRICAL	EA	1
125	10	PADZZ	5905-542-8837	RN75B003F	81349	COIL, RADIO FREQUENCY	EA	8
125	11	PADZZ	5935-433-2453	SM-C-2019262	80063	COIL, RADIO FRPQUENCY	EA	4
126	1	PADZZ	5100-010-8718	CK06BX103K	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
126	2	PADZZ	5910-902-0031	CM05CD050D03	81349	RESISTOR, FIXED, FILM	EA	1
126	3	PADZZ	5910-490-0397	CM05ED470J03	81349	SOCKET CATHODE RAY TUBE MODIFIED	EA	1
126	4	PADZZ	5910-838-9421	CK60AAW102M	81349	GROUP 8A2A5A1 MODULATOR, 60 MHz	EA	3
126	5	PADZZ	5910-636-4241	CVIIAOC300	81349	CAPACITOR, FIXED, I1ICA DIELFCTRIC	EA	1
						CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
						CAPACITOR, FIXED, CFRA"IC DIFLECTRIC	EA	3
						CAPACITOR, VARIABLE, CERAMIC	EA	1



**LEGEND**

DESIG	ITEM	DESIG	ITEM
C1	1	R5	13
C2	2	R6	15
C3	1	R7	16
C4	1	R8	17
C5	2	R9	14
C6	1	R10	18
C7	1	R11	18
C8	1	R12	12
C9	1	R13	19
C10	3	R14	19
C11	1	R15	19
C12	1	R16	20
C13	1	R17	21
CR1	4	R18	22
CR2	5	R19	19
CR3	6	L1	7
Q1	8	Q2	9
Q3	10	Q4	9
R1	11	R2	12
R3	13	R4	14



- NOTE: UNLESS OTHERWISE SPECIFIED**
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A2A2A1

EL-5850-241-50-DMTM-122

Figure 122. Preamplifier, video.

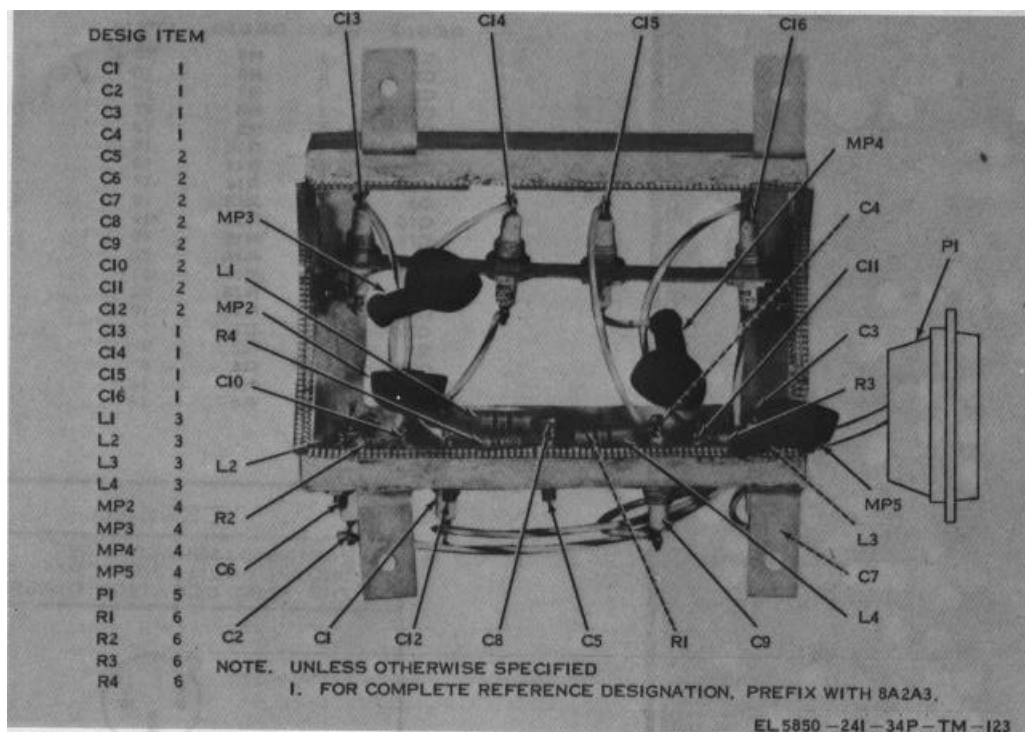
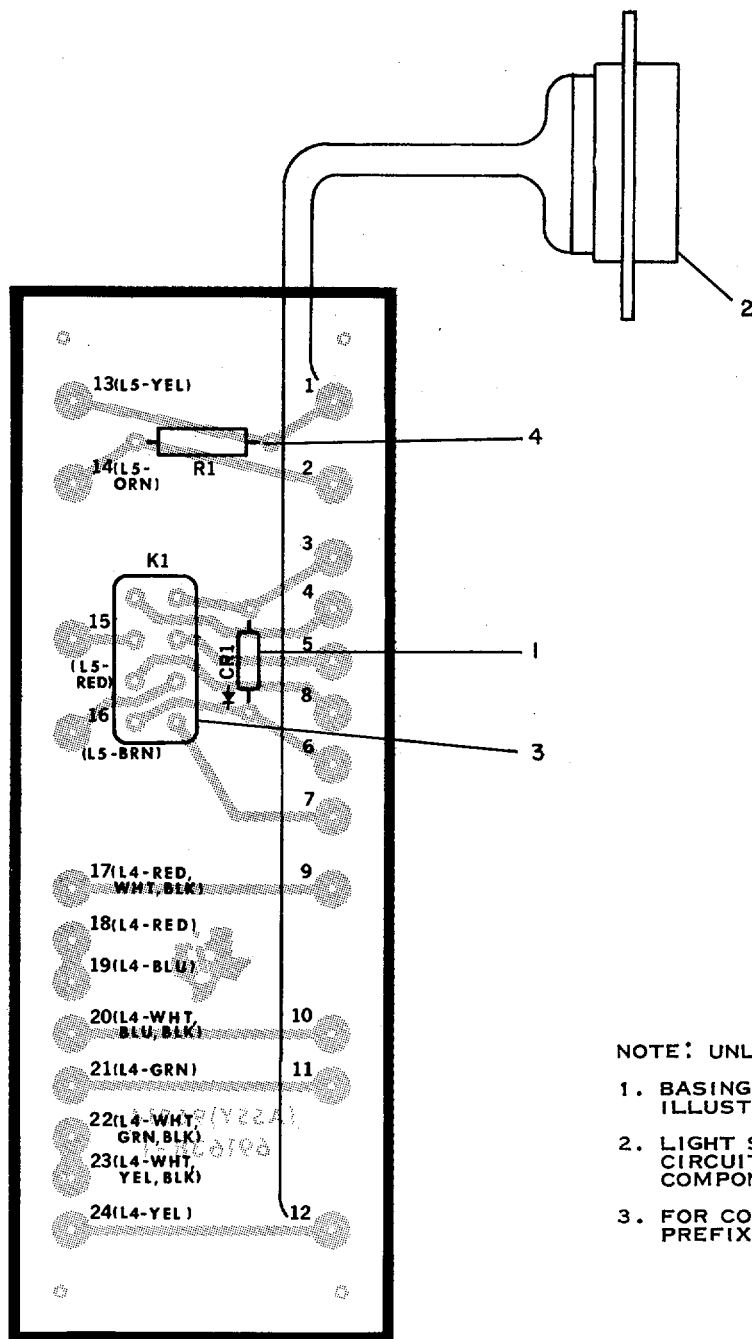


Figure 123. Decelerator assembly.

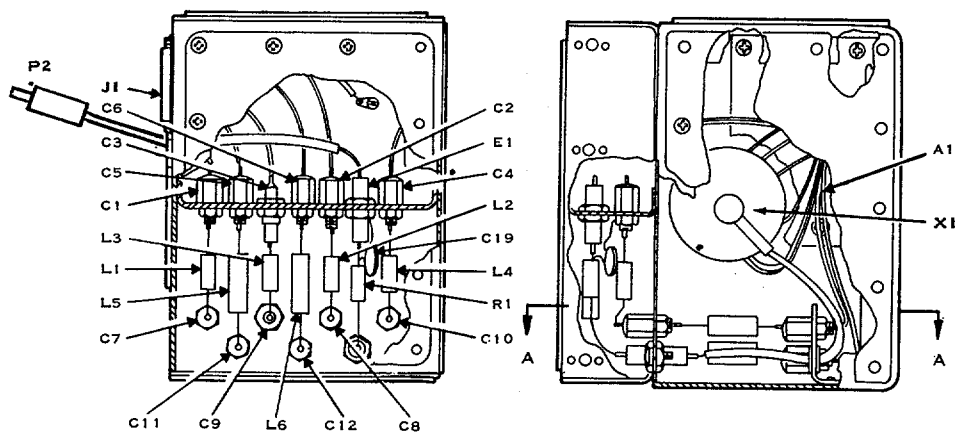


NOTE: UNLESS OTHERWISE SPECIFIED

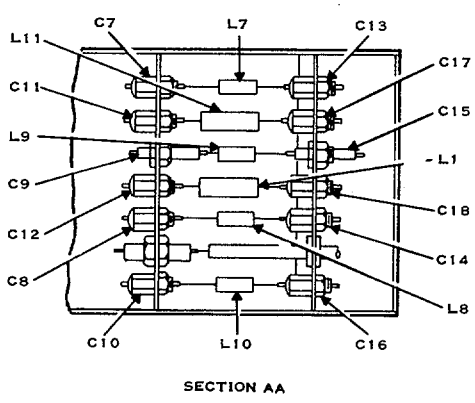
1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A2A4

EL5850-241-34P-TM-124

Figure 124. Interface, read yoke



DESIG	ITEM	DESIG	ITEM
A1	1	C19	4
C1	2	E1	5
C2	2	J1	6
C3	3	L1	7
C4	2	L2	7
C5	2	L3	7
C6	2	L4	7
C7	2	L5	8
C8	2	L6	8
C9	3	L7	7
C10	2	L8	7
C11	2	L9	7
C12	2	L10	7
C13	2	L11	8
C14	2	L12	8
C15	3	P2	9
C16	2	R1	10
C17	2	XI	11
C18	2		



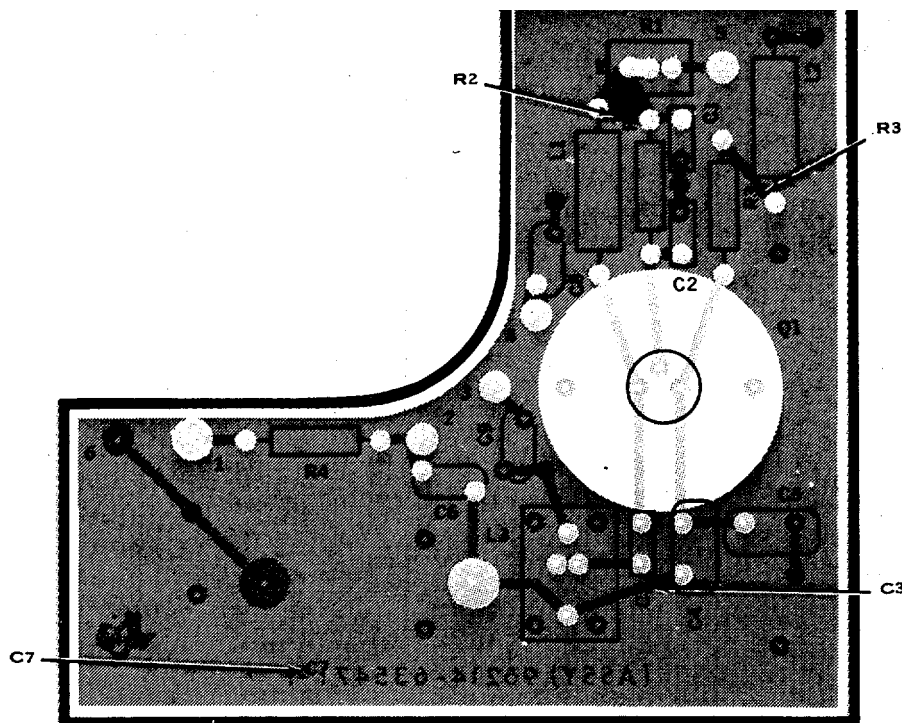
NOTE, UNLESS OTHERWISE SPECIFIED  
 1. FOR COMPLETE REFERENCE DESIGNATOR PREFIX WITH 8A2A5

EL 5850-241-34P-TM-125

Figure 125. 60 MHz oscillator assembly.

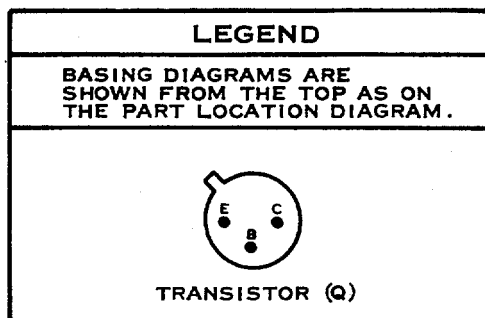
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
126	6	PADZZ	5940-082-5002	SF16XCO1	81349	TERMINAL, STUD	EA	6
126	7	PADZZ	5950-836-0369	MS90542-15	96906	COIL, RADIO FREQUENCY	EA	2
126	8	PADZZ	5950-478-4972	SM-C-2017429-1	80063	FORM, COIL, VARIABLE	EA	1
126	9	XRDZZ		SM-D-2019429-2	80063	HEATSINK, ELECTRIC-ELECTRONIC	EA	1
126	10	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1
126	11	PADZZ	5905-931-2025	RT24C2W102	81349	RESISTOR, VARIABLE	EA	1
126	12	PADZZ	5905-983-6914	RN60D1OO2F	81349	RESISTOR, FIXED, FILM	EA	1
126	13	PADZZ	5905-988-2310	RN60D1OO0F	81349	RESISTOR, FIXED, FILM	EA	1
126	14	PADZZ	5905-194-2324	RN60D2213F	81349	RESISTOR, FIXED, FILM	EA	1
						GROUP 8A3 ASSEMBLY, IF		
127	1	PADZZ	5935-137-0590	SM-D-2017383-2	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
127	2	PADZZ	5940-177-7974	St-C-2019331-2	80063	TERMINAL LUG	EA	1
127	3	PADZZ	5935-892-9035	UG657U	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
127	4	PADZZ	5940-581-3600	SM-C-2019341-1	80063	TERMINAL LUG	EA	1
127	5	PAFDD	5850-409-0906	SM-D-2019091	80063	AMPLIFIER, INTERFERENCE	EA	1
127	6	PAFDD	5850-449-0678	SM-D-2019093	80063	DETECTOR, INTERFERENCE	EA	1
						GROUP 8A3A1 AMPLIFIER, IF		
128	1	PADZZ	5910-838-9421	CK60AW100t	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	8
128	2	PADZZ	5910-615-0427	CI0O5ED330J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	3
128	3	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
128	4	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
128	5	PADZZ	5961-894-0684	1N758A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
128	6	PADZZ	5961-826-6631	1N756A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
128	7	PADZZ	5961-926-7294	2N2857	81349	TRANSISTOR	EA	1
128	8	PADZZ	5961-911-6015	2N3251A	81349	TRANSISTOR	EA	3
128	9	PADZZ	5961-911-6015	2N918	81349	TRANSISTOR	EA	2
128	10	PADZZ	5905-957-8633	RN60DS1R'F	81349	RESISTOR, FIXED, FILM	EA	1
128	11	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	5
128	12	PADZZ	5905-452-0742	RN60D11OOF	81349	RESISTOR, FIXED, FILM	EA	1
128	13	PADZZ	5905-432-6410	RN60DIOOIF	81349	RESISTOR, FIXED, FILM	EA	9
128	14	PADZZ	5905-988-2310	RN60D1OOOF	81349	RESISTOR, FIXED, FILM	EA	1
128	15	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
128	16	PADZZ	5905-758-2063	RN60D221OF	81349	RESISTOR, FIXED, FILM	EA	1
128	17	PADZZ	5905-988-2309	RN60D1OROF	81349	RESISTOR, FIXED, FILM	EA	2
128	18	PADZZ	5905-682-7773	RN60D4990F	81349	RESISTOR, FIXED, FILM	EA	1
128	19	PADZZ	5905-682-7973	RN60D150OF	81349	RESISTOR, FIXED, FILM	EA	1
						GROUP 8A3A2 DETECTOR, IF		
129	1	PADZZ	5910-902-0335	CMOSCDI00D03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
129	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
129	3	PADZZ	5910-902-0031	CMOSCDOSOD03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
129	4	PADZZ	5910-410-9329	C5A06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
129	5	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	4
129	6	PADZZ	5910-460-1047	CM05ED51OJ03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1



**LEGEND**

DESIG	ITEM
C1	1
C2	1
C3	1
C4	2
C5	3
C6	4
C7	5
C8	4
C9	4
E2	6
E3	6
E4	6
E5	6
E6	6
E7	6
L1	7
L2	7
L3	8
MPI	9
Q1	10
R1	11
R2	12
R3	13
R4	14



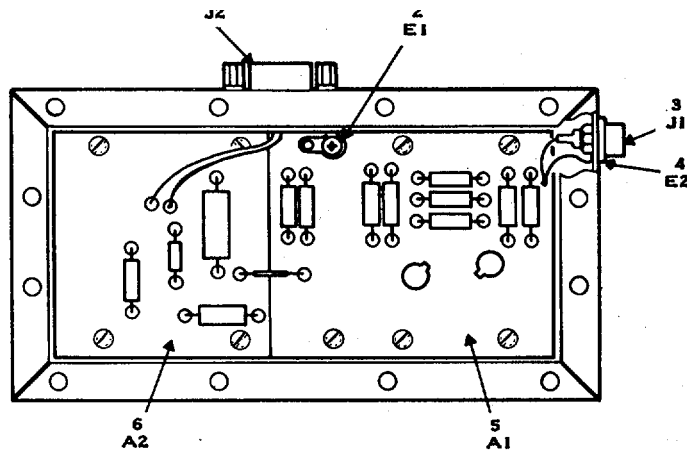
**NOTE: UNLESS OTHERWISE SPECIFIED**

1. LIGHT SHADING INDICATES ETCHED SIDE  
CIRCUIT PATTERN—DARK SHADING INDICATES  
COMPONENT SIDE PATTERN
2. FOR COMPLETE REFERENCE DESIGNATION  
PREFIX WITH 8A2A5A1

Figure 126. Modulator.

Figure 126. Modulator.



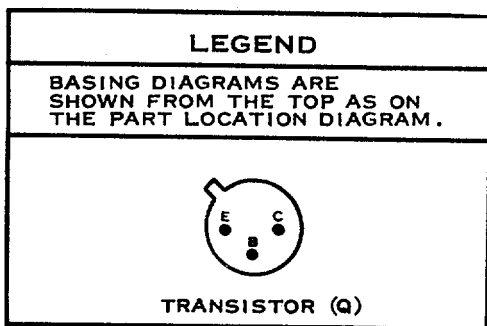


NOTE, UNLESS OTHERWISE SPECIFIED

1. FOR COMPLETE REFERENCE DESIGNATOR, PREFIX WITH 8A3.

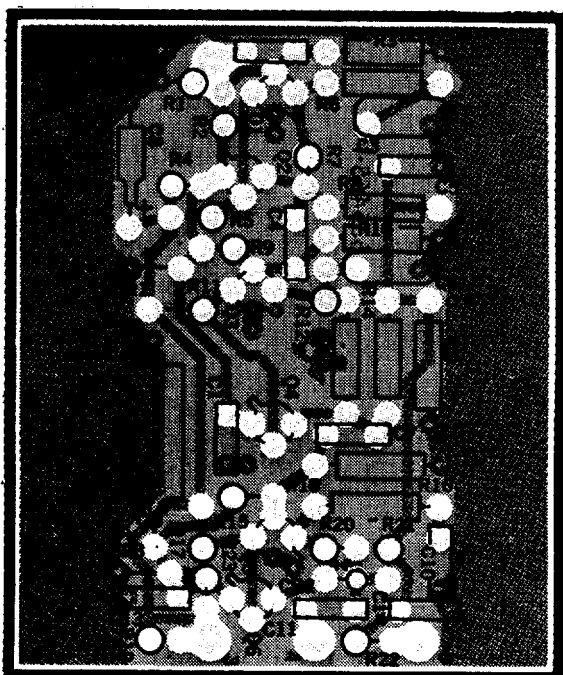
EL 5850-241-348-TM-127

Figure 127. IF assembly.



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A3A1



LEGEND

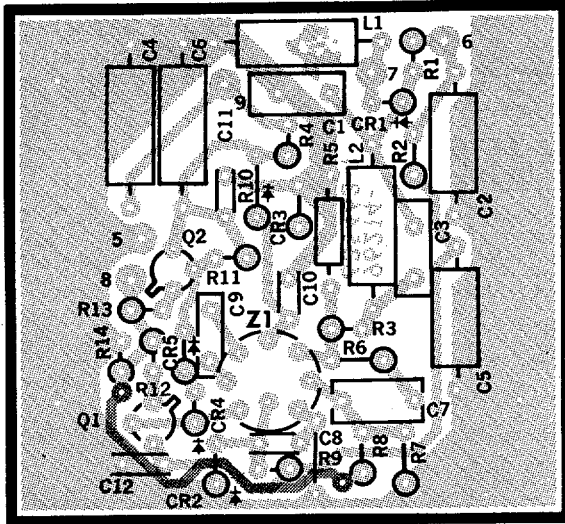
DESIG	ITEM	DESIG	ITEM
C1	1	R1	10
C2	1	R2	11
C3	2	R3	11
C4	1	R4	12
C5	1	R5	13
C6	2	R6	14
C7	1	R7	13
C8	3	R8	13
C9	3	R9	11
C10	2	R10	11
C11	1	R11	13
C12	4	R12	13
C13	1	R13	13
C14	1	R14	13
		R15	15
CR1	5	R16	11
CR2	6	R17	13
CR3	5	R18	16
		R19	17
Q1	7	R20	13
Q2	8	R21	18
Q3	9	R22	17
Q4	8	R23	19
Q5	9		
Q6	8		

EL 5850-241-50-DMTM-128

Figure 128. Amplifier, IF.

SECTION II REPAIR PARTS LIST (CONTINUED)

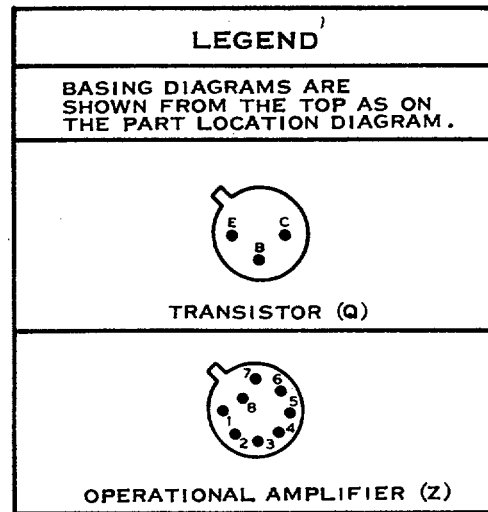
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
129	7	PADZZ	5961-669-7101	1N277	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
129	8	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
129	9	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
129	10	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODF	EA	2
129	11	PADZZ	5950-103-7484	MS90542-19	Q6906	COIL, RADIO FREQUENCY	EA	1
129	12	PADZZ	5950-865-6208	MS90542-07	96906	COIL, RADIO FRFQUENCY	EA	1
129	13	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
129	14	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
129	15	PADZZ	5905-189-2454	TN60D1004F	81349	RFSISTOR, FIXED, FILM	EA	1
129	16	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	A	4
129	17	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	2
129	18	PADZZ	5905-142-0901	RN6OD2000F	81349	RESISTOR, FIXED, FILM	EA	1
129	19	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	3
129	20	PADZZ	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	1
129	21	PADZZ	5905-112-7056	RN60D5620F	81349	RESISTOR, FIXFD, FILM	EA	1
129	22	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	1
129	23	PADZZ	5962-245-5325	S5-D-2017482-1	80063	INTFGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 8A4 ASSEMBLY, STORAGE TUBF BIAS	EA	1
130	1	PAFDD	5850-449-0699	SM-D-2019081	80063	ELECTRON TUBE, BIAS STORAGE	EA	1
130	2	PADZZ	5935-239-3292	SM-D-2019214-5	80063	CONECTOP, RECFTACLE, ELECTRICAL	EA	1
130	3	PADZZ	5930-685-9798	MS25089-1FR	96906	SWITCH, PUSH GROUP 8A4A1 BIAS STORAGE ELECTRON TUBE	EA	1
131	1	PADZZ	5905-141-4101	RN75B24393F	81349	RESISTOR, FIXED, FILM	EA	1
131	2	PADZZ	5905-140-3199	SM-D-2018686-1	80063	RESISTOR, FIXED, FILM	EA	1
131	3	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	2
131	4	PADZZ	5905-556-5188	RV4LAYS105B	81349	RESISTOR, VARIABLE, COMPOSITION	EA	2
131	5	PADZZ	5905-552-2619	RN75B2054F	81349	RESISTOR, FIXFD, FILM	EA	1
131	6	PADZZ	5905-194-2324	RN60D2213F	81349	RESISTOR, FIXED, FILM	EA	1
131	7	PADZZ	5905-140-3201	SM-D-2018686-2	80063	RESISTOR, FIXED, FILM	EA	5
131	8	PADZZ	5905-189-2456	RN60D1103F	81349	RESISTOR, FIXED, FILM	FA	3
131	9	PADZZ	5905-140-3201	SM-D-2018686-3	80063	RESISTOR, FIXED, FILM	EA	1
131	10	PADZZ	5905-552-5162	RN75B2003F	81349	RESISTOR, FIXED, FILM	EA	1
131	11	PADZZ	5905-114-3341	RV4LAYS252B	81349	RESISTOR, VARIABLE, COMPOSITION	EA	1
131	12	PADZZ	5905-200-9294	RN65D1212F	81349	RESISTOR, FIXED, FILM	EA	1
131	13	PADZZ	5905-501-7314	RV4LAYS253B	81349	RESISTOR, VARIABLE, COMPOSITION GROUP 9 CONTROL-INDICATOR GROUP OK-138/AAS-24	EA	1
132	1	PDODD	5850-460-7354	SM-D-2018214	80063	CONTROL, RECEIVER,C-8182/AAS-24	EA	1
132	2	PDODD	5850-460-3962	C-8183/AAS-24	80058	CONTROL, VELOCITY OVER HEIGHT SIGNAL	EA	1
132	3	PDODD	5850-460-3984	SM-E-2018151	80063	CONTROL, INDICATOR, C-8180/AAS-24	EA	1
132	4	PBODD	5850-492-6109	MT-4156/AAS-24	80058	BASE, SHOCK MOUNT, ELECTRICAL EQUIPMENT	EA	1
132	5	PDODD	5850-460-3961	SM-E-2018041	80063	CONTROL, TERRAIN DISPLAY GROUP	EA	1
132	6	PBODD	5850-460-3982	OK-150/AAS-24	80058	CONTROL, CALIBRATION DISPLAY GROUP	EA	1
132	7	PBODD	5850-460-3980	CY-6666/AAS-24	80058	CABINET, FLECTRICAL EQUIPRFNT	EA	1



DESIG ITEM	DESIG ITEM	DESIG ITEM			
C1	1	CR1	7	R4	16
C2	2	CR2	8	R5	17
C3	3	CR3	9	R6	18
C4	2	CR4	10	R7	19
C5	2	CR5	10	R8	19
C6	2	L1	11	R9	20
C7	4	L2	12	R10	21
C8	5	Q1	13	R11	22
C9	6	Q2	14	R12	16
C10	5	R1	15	R13	16
C11	5	R2	16	R14	19
C12	5	R3	17	Z1	23

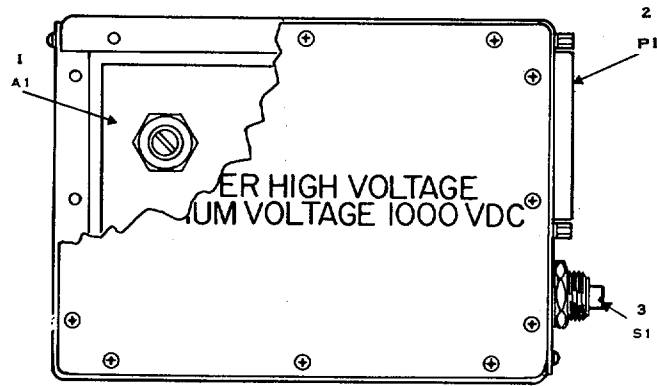
NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A3A2



EL5850 - 241 - 34P - TM - 129

Figure 129. Detector, IF.

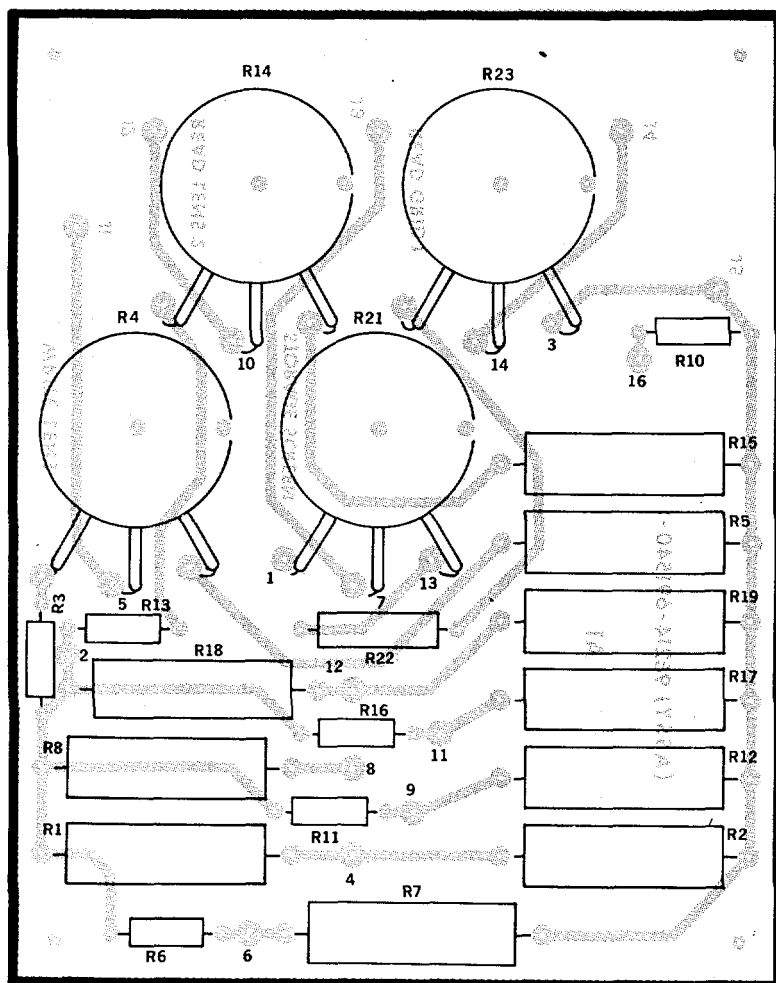


NOTE: UNLESS OTHERWISE SPECIFIED

1. FOR COMPLETE REFERENCE  
DESIGNATOR, PREFIX WITH 8A4.

E L 5850-241-34P-T M- 130

Figure 130. Storage tube bias assembly.



LEGEND	
DESIG	ITEM
R1	1
R2	2
R3	3
R4	4
R5	5
R6	6
R7	7
R8	7
R10	8
R11	8
R12	7
R13	3
R14	4
R15	9
R16	8
R17	7
R18	10
R19	7
R21	11
R22	12
R23	13

NOTE. THERE ARE NO RESISTORS R9 OR R20

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 8A4A1

Figure 131. Bias.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
132	8	PBODD	5850-460-3981	C-8181/AAS-24	80058	CONTROL, BUILT-IN TEST	EA	1
132	9	PDODD	5850-460-3985	1P-969/AAS-24	80058	INDICATOR, PAT GROUP 9A1A1 TERRAIN DISPLAY INDICATOR OK-149/AAS-24	EA	1
132	10	PDODD	5850-460-3983	SM-E-2018042	80058	INDICATOR, TERRAIN IP-970/AAS-24  GROUP 9A1A1 RECEIVER CONTROL C-8182/AAS-24	EA	1
133	1	XBFZZ	SM-E-2018215		80063	HOUSING, CONTROL PANEL, RECEIVER	EA	1
133	2	PAFZZ	5325-817-0510	MKS25381-1	96906	GROMMET, MOUNTING	EA	5
133	3	PAFZZ	5355-689-7670	SM-D-2019203-1	80063	KNOB, SKIRTED, POINTER	EA	4
133	4	XBFZZ	SM-D-2018220		80063	PANEL, CONTROL, ILLUMINATED, RECEIVER	EA	1
133	5	PAFZZ	5930-410-5415	M3786-4-0002	81349	SWITCH, ROTARY	EA	3
133	6	PAFZZ	5930-914-6458	MS90310-231	96906	SWITCH, IOGGLE	EA	1
133	7	PADZZ	5940-707-4262	SM-C-2017345-1	80063	TERMINAL, STUD	EA	2
133	8	PADZZ	5905-214-2927	RN6OD5110F	81349	RESISTOR, FIXED, FILM	EA	1
133	9	XBFZZ	SKD-2018222		80063	PANEL, ACCESS CONTROL RECEIVER	EA	1
133	10	XBFZZ	SM-D-2018224		80063	GASKET, RADIO FREQUENCY INTERFERENCE	EA	1
133	11	PADZZ	5935-410-9252	M24308-4-4	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
133	12	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
133	13	XBFZZ	SM-D-2018221		80063	BRACKET, ANGLE, CONNECTOR	EA	1
133	14	PAFZZ	5935-490-5220	M24308-2-2	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
133	15	PAFDD	5850-409-8104	SM-D-2018227	80063	CONTROL, DIODE, RELAY	EA	1
133	16	PAFZZ	5930-682-0681	M3786-4-0171	81349	SWITCH, ROTARY	EA	1
133	17	PAFZZ	5930-102-5970	MS21026-231E	96906	SWITCH, TOGGLE	EA	1
133	18	PAFZZ	5935-917-0336	MS90335-1	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
133	19	AFFHH	SM-D-2019628		80063	WIRING HARNESS, RECEIVER CONTROL GROUP 9A1A1A1 ASSEMBLY CONTROL DIODE AND RELAY	EA	1
134	1	PADZZ	5961-064-2379	1N649	81349	SEMICONDUCTOR DEVICE, DIODE	EA	9
134	2	PADZZ	5940-082-5002	SE16XC01	81349	TERMINAL, STUD	EA	15
134	3	PADZZ	5961-951-5474	SM-C-2019440-1	80063	INSULATOR, PLATE	EA	1
134	4	PADZZ	5945-406-3076	SM-D-2017461-2	80063	RELAY, ARMATURE	EA	1
134	5	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG GROUP 9A1A2 CONTROL, V/H SIGNAL C-8183/AAS-24 PHY SEC CL (C)	EA	1
135	1	XBFZZ	SM-C-2018203		80063	GASKET, RADIO FREQUENCY INTERFERENCE CONTROL PANEL	EA	1
135	2	XBFZZ	SM-C-2018200		80063	COVER, TOP	EA	1
135	3	XBFZZ	SM-B-2018212		80063	INSULATOR, PRINTED CIRCUIT BOARD	EA	1
135	4	XBFZZ	SM-C-2018206		80063	SPACER, PRINTED CIRCUIT BOARD	EA	1
135	5	PAFDD	5850-409-8107	SM-C-2019751-5	80063	CONTROL, MANUAL, V-H	EA	1
135	6	XBFZZ	SM-D-2018202		80063	COVER, REAR	EA	1
135	7	PAFZZ	6625-459-3349	SM-D-2017355-1	80063	RESISTOR, DECADE	EA	1
135	8	PAFZZ	6625-459-3404	SM-C-2017354-1	80063	RESISTOR, DECADE	EA	1
135	9	PADZZ	5935-490-3743	M24308-4-2	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1

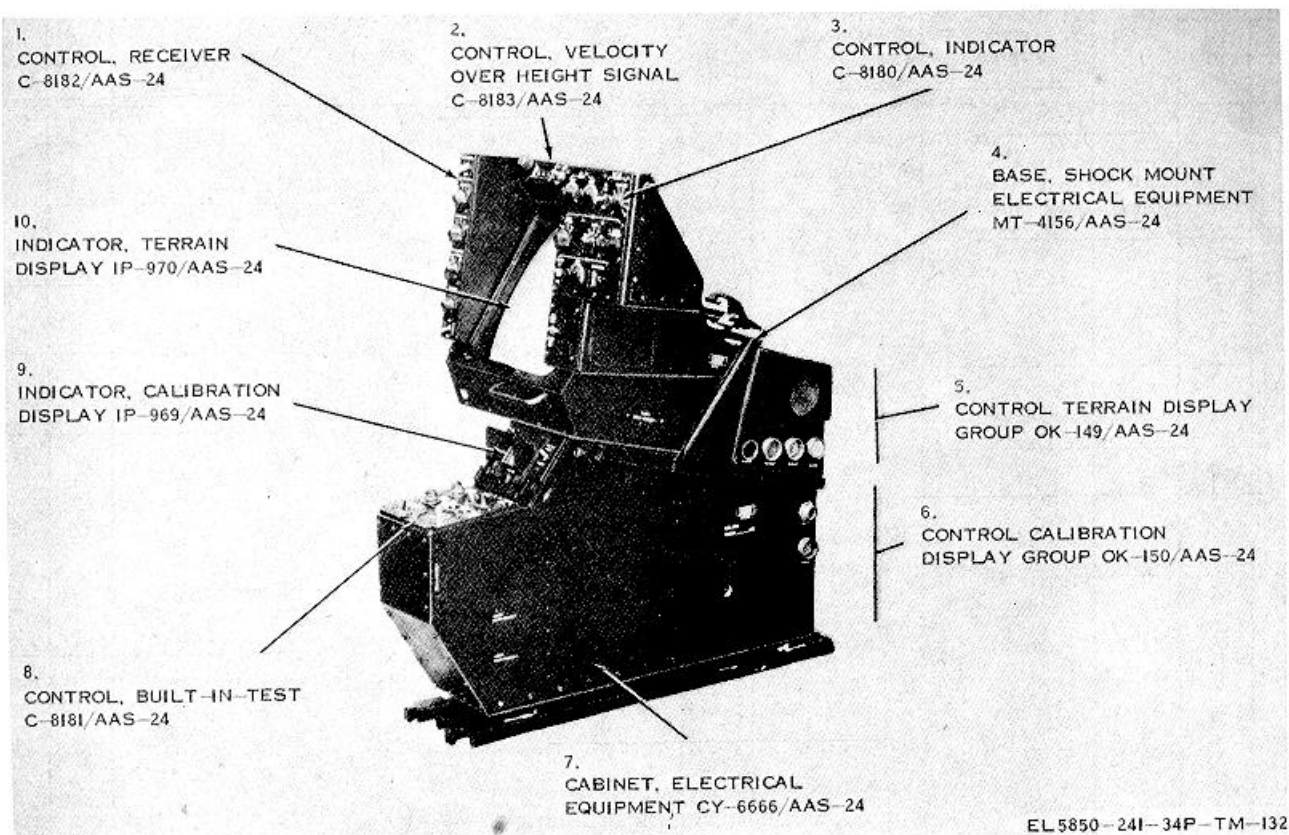


Figure 132. Control-indicator group OK-138/AAS-24.



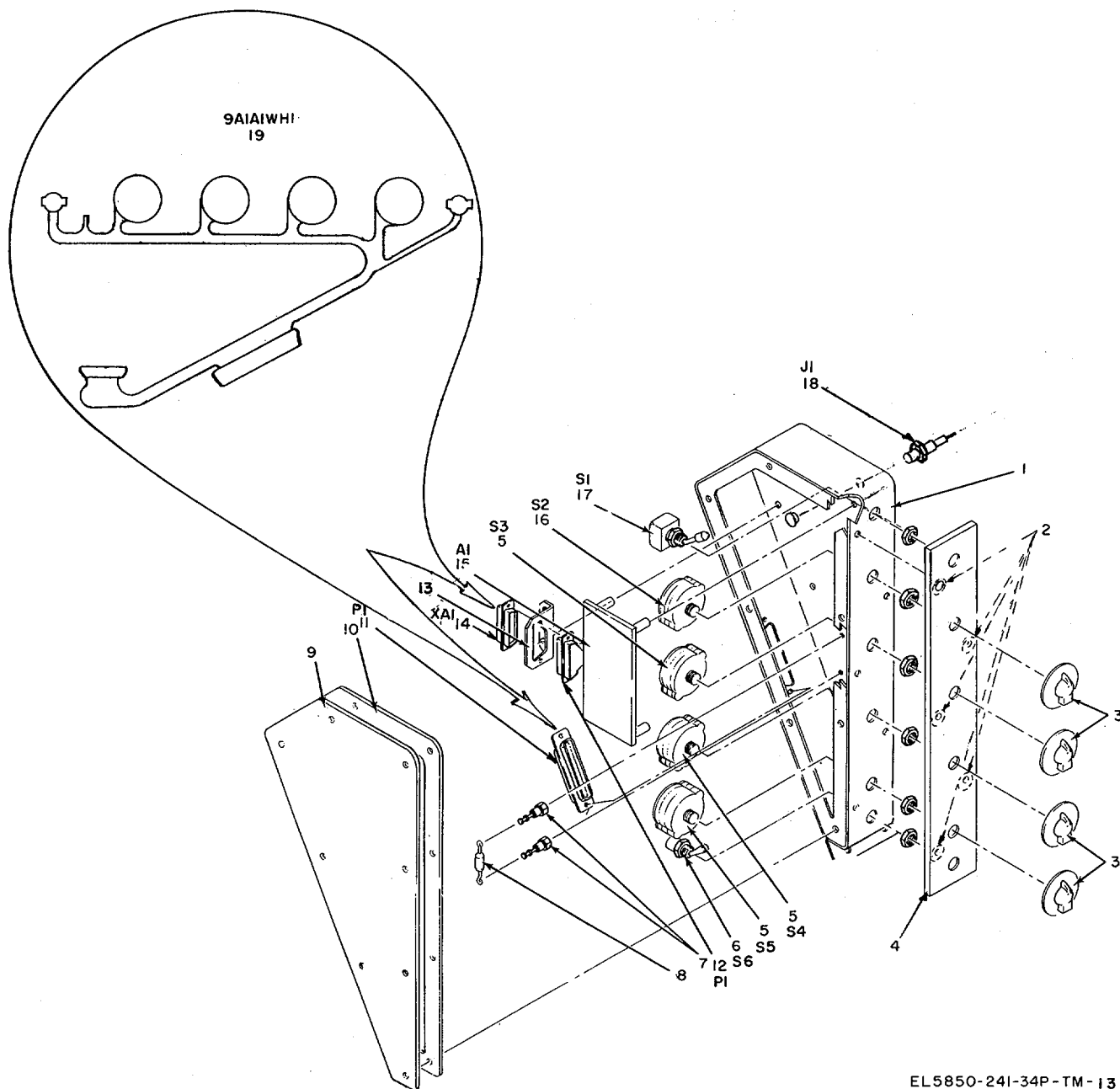
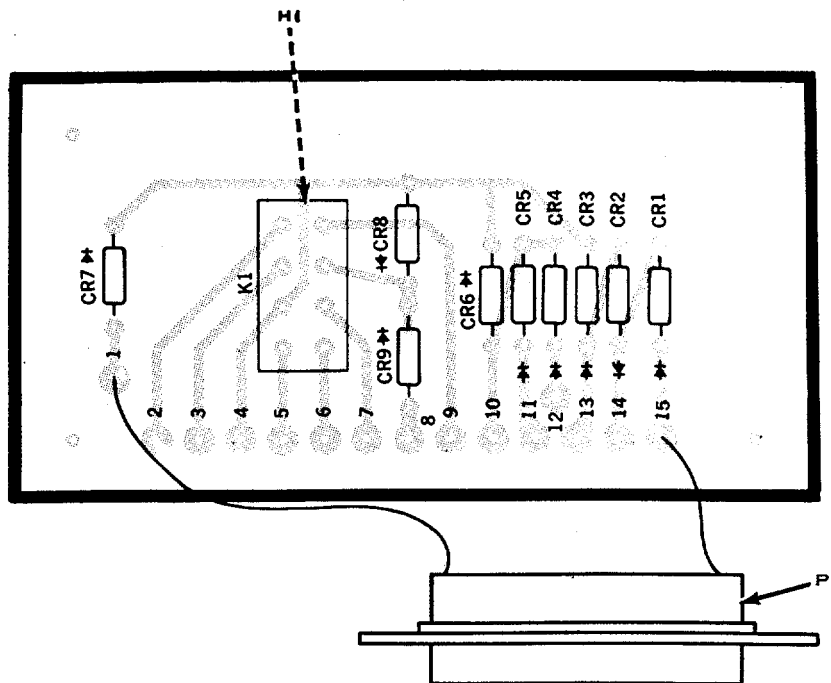


Figure 133. RECEIVER CONTROL C-8182/AAS-24.

EL5850-241-34P-TM-133



NOTE: UNLESS OTHERWISE SPECIFIED

1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A1A1A1

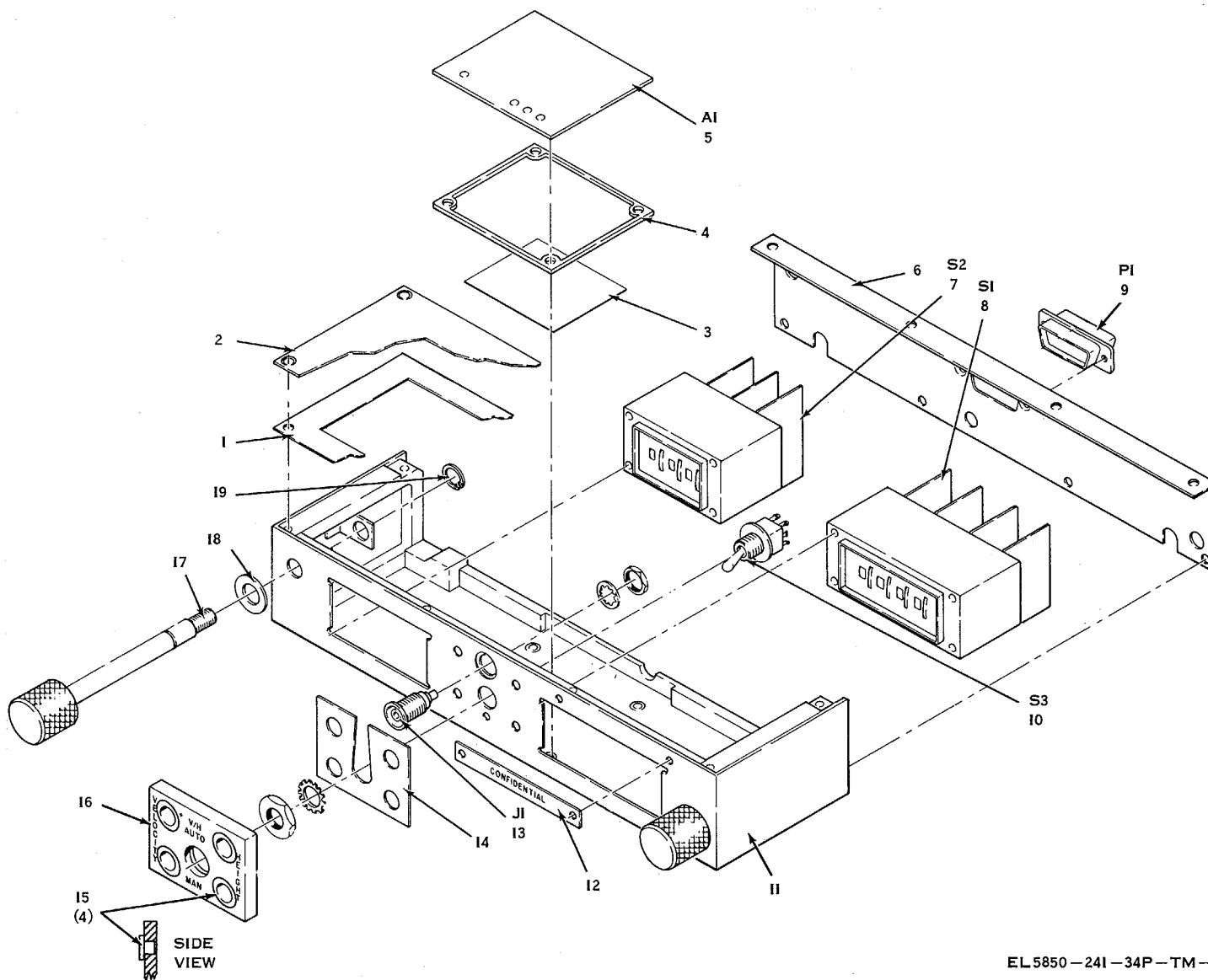
DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM	
CR1	1	E1	2	E10	2
CR2	1	E2	2	E11	2
CR3	1	E3	2	E12	2
CR4	1	E4	2	E13	2
CR5	1	E5	2	E14	2
CR6	1	E6	2	E15	2
CR7	1	E7	2	K1	4
CR8	1	E8	2	PI	5
CR9	1	E9	2	HI	3

EL5850-241-34P-TM-134

Figure 134. Control diode and relay assembly.

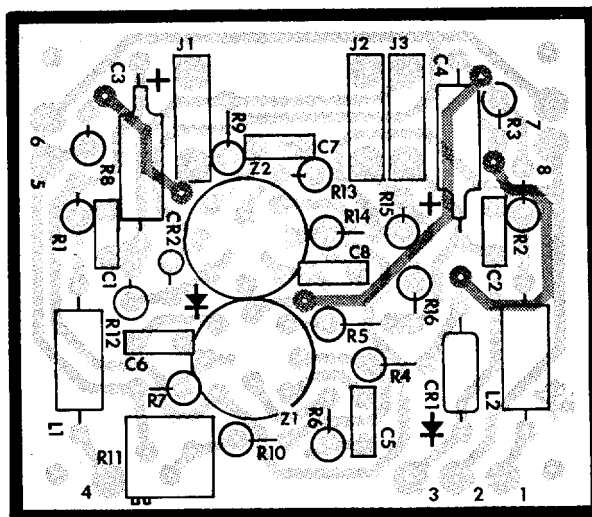
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
135	10	PAFZZ	5930-913-2983	MS90311-231	96906	SWITCH, TOCGLF	EA	1
135	11	XBFZZ	SM-E-2018190		80063	HOUSING, CONTROL, V/H SIGNAL	EA	1
135	12	XBFZZ	SM-C-2018211		80063	PLATE, INSTRUCTION	EA	1
135	13	PAFZZ	5935-917-0336	MS90335-1	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
135	14	XBFZZ	SM-C-2019538		80063	SPACER, PAJIEL	EA	1
135	15	PAFZZ	5325-817-0510	MSS25381-1	96906	GROMMET, IOUNTING	EA	4
135	16	XBFZZ	SM-D-2018205-1		80063	PANEL, ILLUMINATED, CONTROL	EA	1
135	17	XBFZZ	SM-C-2018210		80063	THUMBSCRFVI	EA	2
135	18	XBFZZ	,S15795-812B		96906	WASHER, FLAT	EA	2
135	19	XBFZZ	5340-263-5915	MS16624-4031	96906	RING, RETAINING	EA	2
136	1	PADZZ	5910-010-8666	CK05BX1002K	8134q	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
136	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
136	3	PADZZ	5910-143-0501	CKO6BX472K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
136	4	PADZZ	5910-990-4887	CKOS5BX221K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
136	5	PADZZ	5961-950-9881	1N827	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
136	6	PADZZ	5961-842-9864	1N914	81349	SEMIFCONDUCTOR DEVICF, DIODE	EA	1
136	7	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
136	8	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIF	EA	1
136	9	PADZZ	5935-131-9693	1439024-11-03	81349	JACK, TIP	EA	1
136	10	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FRFQUENCY	EA	2
136	11	PADZZ	5905-763-0309	RN60D39R2F	81349	RFSISTOR, FIXED, FILM	EA	2
136	12	PADZZ	5905-137-0806	RN60D9090F	81349	RESISTOR, FIXED, FILM	EA	1
136	13	PADZZ	5905-452-0761	RN60D4222F	81349	RESISTOR, FIXED, FILM	EA	1
136	14	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
136	15	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXFD, FILM	EA	2
136	16	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	2
136	17	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	2
136	18	PADZZ	5905-432-6410	RN60DIOOIF	81340	RESISTOR, FIXED, FILM	EA	2
136	19	PADZZ	5905-208-3800	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
136	20	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
136	21	PADZZ	5905-025-5987	RN60D2491F	81349	RESISTOR, FIXED, FILM	EA	1
136	22	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPFRATIONAL AMPLIFIER	EA	2
137	1	XBFZZ	SM-E-2018152		80063	HOIISING, CONTROL PANFL	EA	1
137	2	PAFZZ	5930-410-5418	M3786-4-0065	8134q	SWITCH, ROTARY	EA	1
137	3	PAFZZ	5005-556-3350	RV4NAYSD103A	8134a	RESISTOR, VARIABLE, COMPOSITION	EA	2
137	4	PAFZZ	5930-914-6458	MS90310-231	06906	SWITCH, TOGGLE	FA	2
137	5	PAFZZ	5905-412-3759	SM-D-2017368-1	80063	RESISTOR, VARIABLE	EA	1
137	6	PAFZZ	5930-434-8866	143786-4-0006	8134a	SWITCH, ROTARY	EA	1
137	7	PAFZZ	5905-232-2983	RV4NAYSD102A	81349	RESISTOR, VARIABLE, COMPOSITION	EA	1
137	8	PAFZZ	5905-114-3242	RV4NAYSD502A	81349	RESISTOR, VARIABLE, COMPOSITION	EA	1
137	9	XBFZZ	SM-D-2018163		80063	GASKET, ACCESS PANEL, NO 1	EA	1



EL 5850-241-34P-TM-135

Figure 135. Control, V/H signal C-8183/AAS-24.



**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

OPERATIONAL AMPLIFIER (Z)

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A1A2A1

DESIG ITEM	DESIG ITEM	DESIG ITEM			
C1	1	J2	8	R8	17
C2	1	J3	9	R9	18
C3	2	L1	10	R10	19
C4	2	L2	10	R11	20
C5	3	R1	11	R12	21
C6	4	R2	11	R13	15
C7	3	R3	12	R14	16
C8	4	R4	13	R15	17
CR1	5	R5	14	R16	18
CR2	6	R6	15	Z1	22
J1	7	R7	16	Z2	22

EL5850-241-34P-TM-136

Figure 136. Control, manual V/H signal.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
137	10	XBFZZ	SM-D-2018161		80063	PANEL, ACCESS, NO 1	EA	1
137	11	PAFFD	4130-230-3764	S&t-C-2018169	80063	SEMICONDUCTOR DEVICE ASSEMBLY	EA	1
137	12	PAFFD	4130-230-3766	SM-D-2018167	80063	TERIINAL BOARD NO 2 ASSEMBLY	EA	1
137	13	PAFZZ	5930-905-7807	MS90310-211	96906	SWITCH, TOGGLE	EA	1
137	14	XBFZZ	SM-C-2018162		80063	PANEL, ACCESS, NO 2	EA	1
137	15	XBFZZ	SM-C-2018164		80063	GASKET NO 3 RADIO FREQUENCYINTERFERENCE CONTROL INDICATOR	EA	1
137	16	PAFZZ	SM-D-2019498-1		80063	RESISTOR, DECADE	EA	2
137	17	PAFDD	6210-433-0856	SM-C-2017490-2	80063	LIGHT ASSEMBLY, INDICATOR	EA	1
137	18	PADZZ	5910-902-0031	CM05CDO50DO3	81349	LAMPHOLDER	EA	7
137	19	PADZZ	6240-155-7836	MS25237-327	Q6906	LAMP, INCANDESCENT	EA	14
137	20	PAOZ7	5355-057-7794	MS91528-OC1B	96906	KNOB, CONTROL	EA	1
137	21	PAOZZ	5355-762-1493	MS91528-1F2BC	96906	KNOB, CONTROL	EA	1
137	22	PAFZZ	5325-817-0510	btS25381-1	96906	GROMMET, HOUNTING	EA	4
137	23	XBFZZ	SE4-D-2018166		80063	PANEL, ILLUMINATED, LOWER	EA	1
137	24	PAFZZ	6240-878-1965	CM8-680	71744	LAMP	EA	18
137	25	XBFZZ	91-C-2019537		80063	SPACER, LO?IER	EA	1
137	26	PAOZZ	5255-989-4269	MS91528-102B	96906	KNOB, CONTROL	EA	4
137	27	PAOZZ	5355-689-7670	SM-D-2019203-1	80063	KNOB, SKIRTED, POINTER	EA	2
137	28	XBFZZ	SM-D-2018165		80063	PANEL, ILLUMINATED , UPPER CONTROL	EA	1
137	29	XBFZZ	S"t-D-2019536		80063	SPACER, PANEL, CONTROL	EA	1
137	30	PAFZZ	5935-917-0336	1tS90335-1	a6906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	2
137	31	PAFZZ	5935-490-8389	124308-4-5	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
138	1	PAFZZ	5961-087-6047	1N645	81349	GROUP 9AIA3AI TERMINAL BOARD NO 1 ASSEMBLY SEMICONDUCTOR DEVICE, DIODE	EA	8
139	1	PADZZ	5905-137-0804	RN60DIOO3F	81349	RESISTOR, FIXED, FILM	EA	1
139	2	PADZZ	5905-058-1770	RN60D1472F	81349	RESISTOR, FIXED, FILM	EA	1
139	3	PADZZ	5905-983-6914	RN6ODO1002F	81349	RESISTOR, FIXED, FILM	EA	1
139	4	PADZZ	5905-682-7773	RN6OD4990F	81349	RESISTOR, FIXED, FILM	EA	7
139	5	PADZZ	5905-232-7791	RN60D15OOF	81349	RESISTOR, FIXED, FILM	EA	1
140	1	PAFDD	SM-D-2018139		80063	GROUP 9A1A4 INDICATOR, TERRAIN DISPLAY IP-970/AAS-24 GENERATOR, SWEEP, VERTICAL TERRAIN DISPLAY INDICATOR	EA	1
140	2	PAFDD	5850-449-0652	SM-D-2018133	80063	POWER SUPPLY, DEFLECTION, HORIO7NTAL	EA	1
140	3	PAFDD	5850-196-2763	SM-D-2018121	80063	DRIVER, DEFLECTION, HORIZONTAL	EA	1
140	4	PAFDD	5850-409-8103	SM-D-2018118	80063	DRIVER, DEFLECTION, VERTICAL TERRAIN DISPLAY INDICATOR	EA	1
140	5	PAFDD	5850-449-0675	SM-D-2018136	80063	POWER SUPPLY, DEFLECTION, VERTICAL	EA	1
140	6	PAFDD	5850-408-4989	SM-D-2018130	80063	GFNERATOR, RETICLE	EA	1
140	7	PAFDD	5850-477-9951	SM-D-2018127	80063	AMPLIFIER, VIDEO, TERRAIN DISPLAY INDICATOR	EA	1

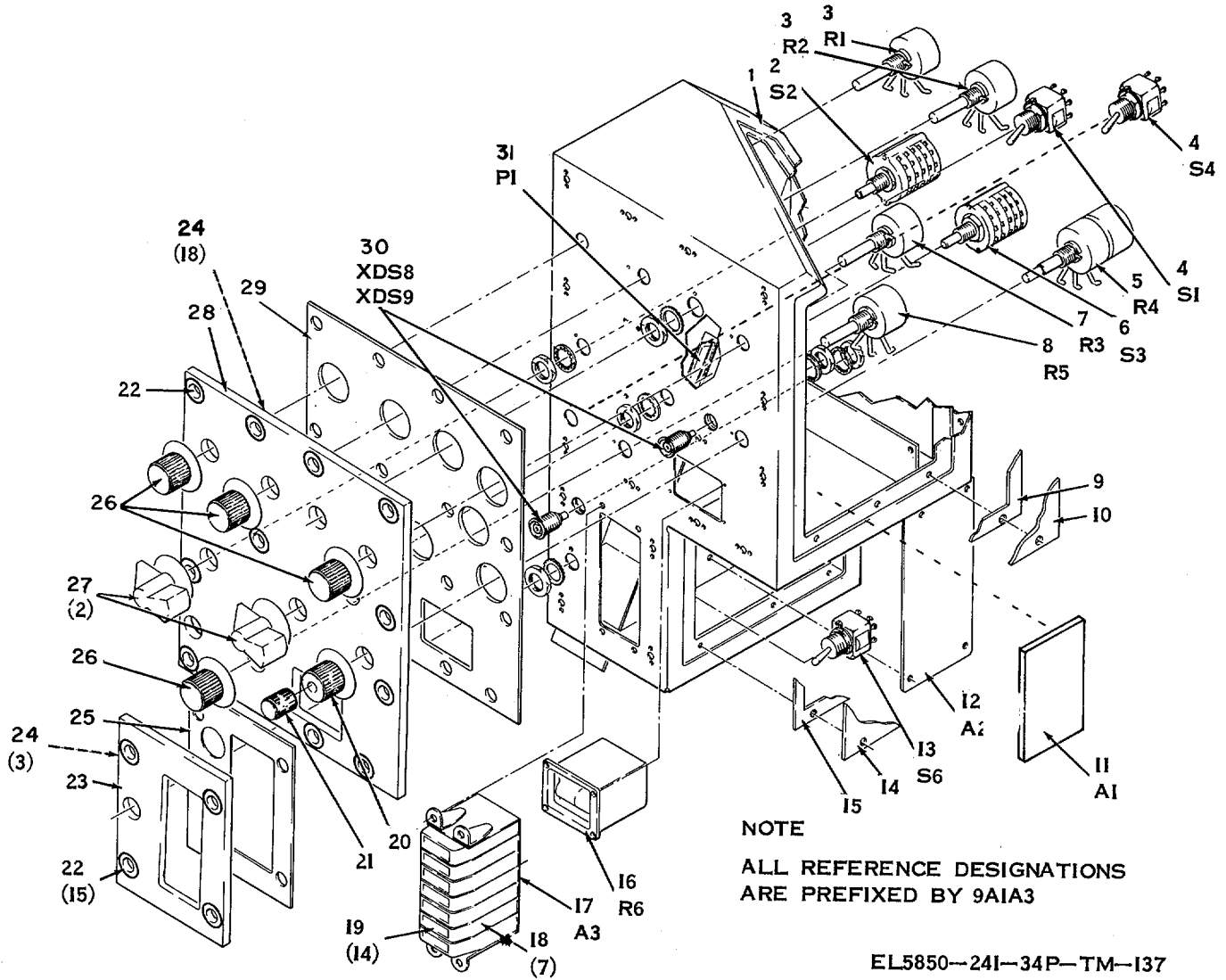
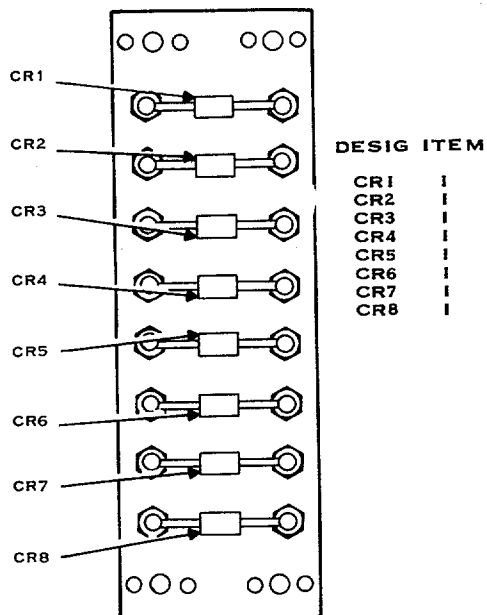


Figure 137. Control indicator C-8180/AAS-24.



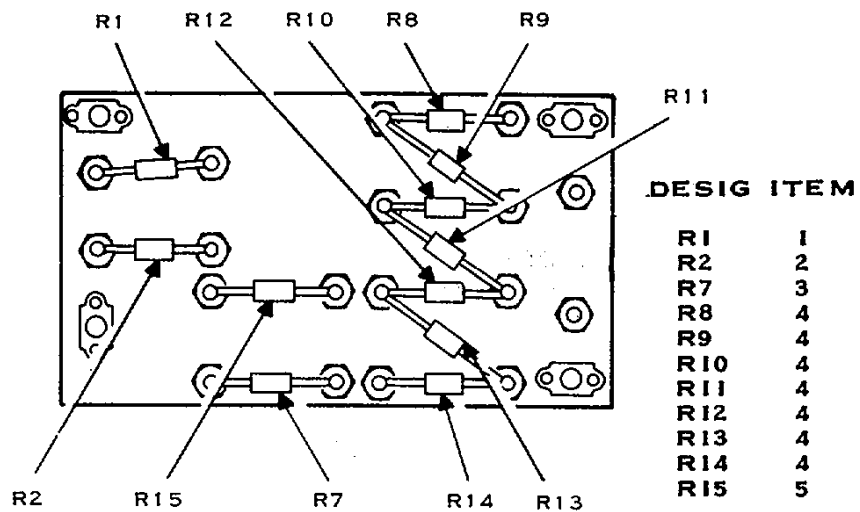
NOTE: UNLESS OTHERWISE SPECIFIED

1. FOR COMPLETE REFERENCE DESIGNATOR, PREFIX WITH 9A1A3A1.

EL5850-241-34P-TM-138

Figure 138. Terminal board no. 1 assembly.





NOTE: UNLESS OTHERWISE SPECIFIED  
 1. FOR COMPLETE REFERENCE DESIGNATION  
 PREFIX WITH 9A1A3A2

EL5850- 241- 34P- TM- 139

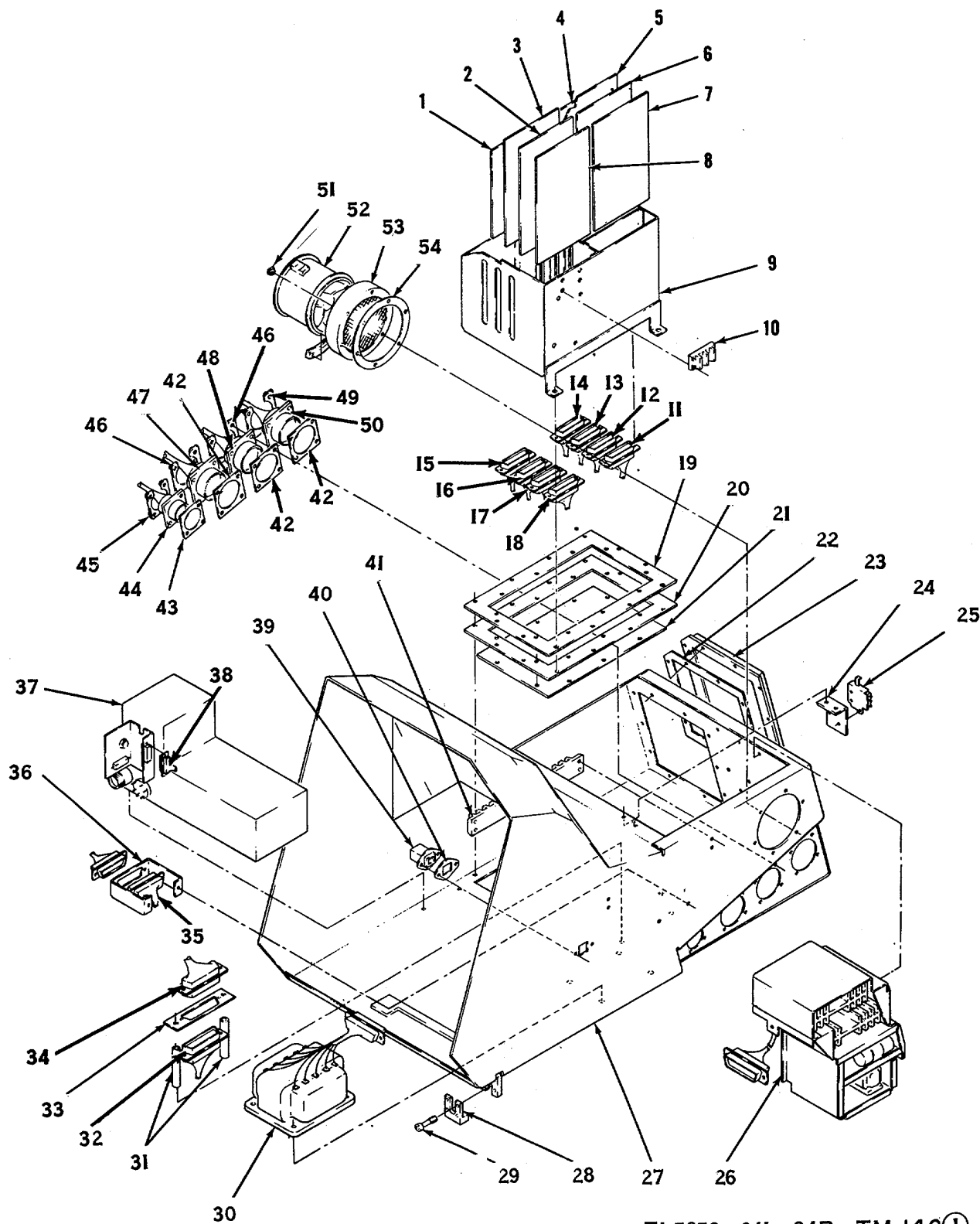
Figure 139. Terminal board no. 2 assembly.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
140	8	PAFDD	6110-408-2641	SM-D-2018124	80063	REGULATOR, HIGH VOLTAGE, TERRAIN DISPLAY INDICATOR	EA	1
140	9	XBFZZ	SM-D-2018085		80063	CONTAINER, PRINTED CIRCUIT BOARD	EA	1
140	10	PAFZZ	5940-983-6043	37TB2	81349	TERMINAL BOARD	EA	1
140	11	PAFZZ	5935-758-6033	SM-D-2017452-3	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
140	12	PAFZZ	5935-476-4825	SM-D-2017452-7	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
140	13	PAFZZ	5935-476-4806	SM-D-2017452-6	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
140	14	PAFZZ	5935-165-0104	SM-D-2017452-5	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
140	15	PAFZZ	5935-165-0101	SM-D-2017452-4	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
140	16	PAFZZ	5935-137-4205	SM-D-2017452-1	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
140	17	PAFZZ	5935-499-6945	SM-D-2017452-2	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
140	18	PAFZZ	5935-497-5578	SM-D-2017452-8	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
140	19	XBDZZ	SM-D-2018083		80063	PLATE, FASTENING, COVER	EA	1
140	20	XBFZZ	SM-D-2018084		80063	GASKET, ACCESS COVER, BOTTOM	EA	1
140	21	XBFZZ	SA-D-2018091		80063	COVER, ACCESS	EA	1
140	22	XBFZZ	SM-C-2018082		80063	GASKET, FILTER, AIR, INTAKE	EA	1
140	23	XBFZZ	SM-C-2018080		80063	FILTER, MODIFIED, TERRAIN DISPLAY INDICATOR	EA	1
140	24	XBDZZ	SN!-C-2018074		80063	BRACKET, MOUNTING, SWITCH	EA	1
140	25	PAFZZ	5930-892-9246	MS16106-4	96906	SWITCH, SENSITIVE, INTERLOCK	EA	1
140	26	XBDZZ	SM-D-2018040		80063	HEATSINK ASSEMBLY	EA	1
140	27	XBDZZ	SM-E-2018043		80063	HOUSING, INDICATOR, STEP 2	EA	1
140	28	XBDZZ	S8-C-2018090		80063	RETAINER, SCREW	EA	1
140	29	XBDZZ	SM-B-2019552		80063	SCREIM, MODIFIED	EA	2
140	30	PAFDD	5950-431-3619	SM-D-2019547	80063	TRANSFORIPER	EA	1
140	31	XBDZZ	SM-C-2018071		80063	SPACER, CONNECTOR	EA	2
140	32	PAHZZ	5935-489-1997	M24308-2-5	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
140	33	XBFZZ	SM-C-2018068		80063	BRACKET, CONNECTOR, HEATSINK.	EA	1
140	34	PADZZ	5935-490-8389	M24308-4-5	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
140	3r	PAHZZ	5935-410-9250	M24308-2-3	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
140	36	XBFZZ	SM-D-2018069		80063	BRACKET, CONNECTOR, TRANSFORMER	EA	1
140	37	PAFZZ	5850-403-5820	SM-D-2018052	80063	POWER SUPPLY, HIGH VOLTAGE, CATHODE RAY TUBE	EA	1
140	38	PAHZZ	5935-490-5219	M24308-2-1	81349	CONNECIOR, RECEPTACLE, ELECTRICAL	EA	1
140	39	PADZZ	6645-255-1371	MS17322-6A	96906	METER, TIME TOTALIZING	EA	1
140	40	PAFZZ	6625-910-5972	SM-C-2018298	80063	GASKET, SHIELD, TLIE METER	EA	1
140	41	PAFZZ	5940-988-0317	38TB14	81349	TERMINAL BOARD	EA	1
140	42	XBDZZ	SM-C-2019436-7		80063	GASKET, SHIELDING	EA	3
140	43	XBDZZ	SM-C-2019436-4		80063	GASKET, SHIELDING	EA	1
140	44	PAFZZ	5935-059-6942	14S3122E20-41P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
140	45	XBDZZ	5310-241-6832	SM-D-2019410-8	80063	NUT ASSEMBLY, RETAINER PLATE	EA	1
140	46	XBDZZ	5310-255-9830	SM-D-2019410-9	80063	NUT ASSEMBLY, RETAINER PLATE	EA	3
140	47	PAHZZ	5935-726-7075	MS3122E22-55P	81349	CONNECTOR, RFCEPTACLE, ELECTRICAL	EA	1
140	48	PAFZZ	5935-225-2154	SM-D-2017433-15	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
140	49	XBFZZ	SM-C-2018075		80063	CLAMP, FAN, TERRAIN DISPLAY INDICATOR	EA	1

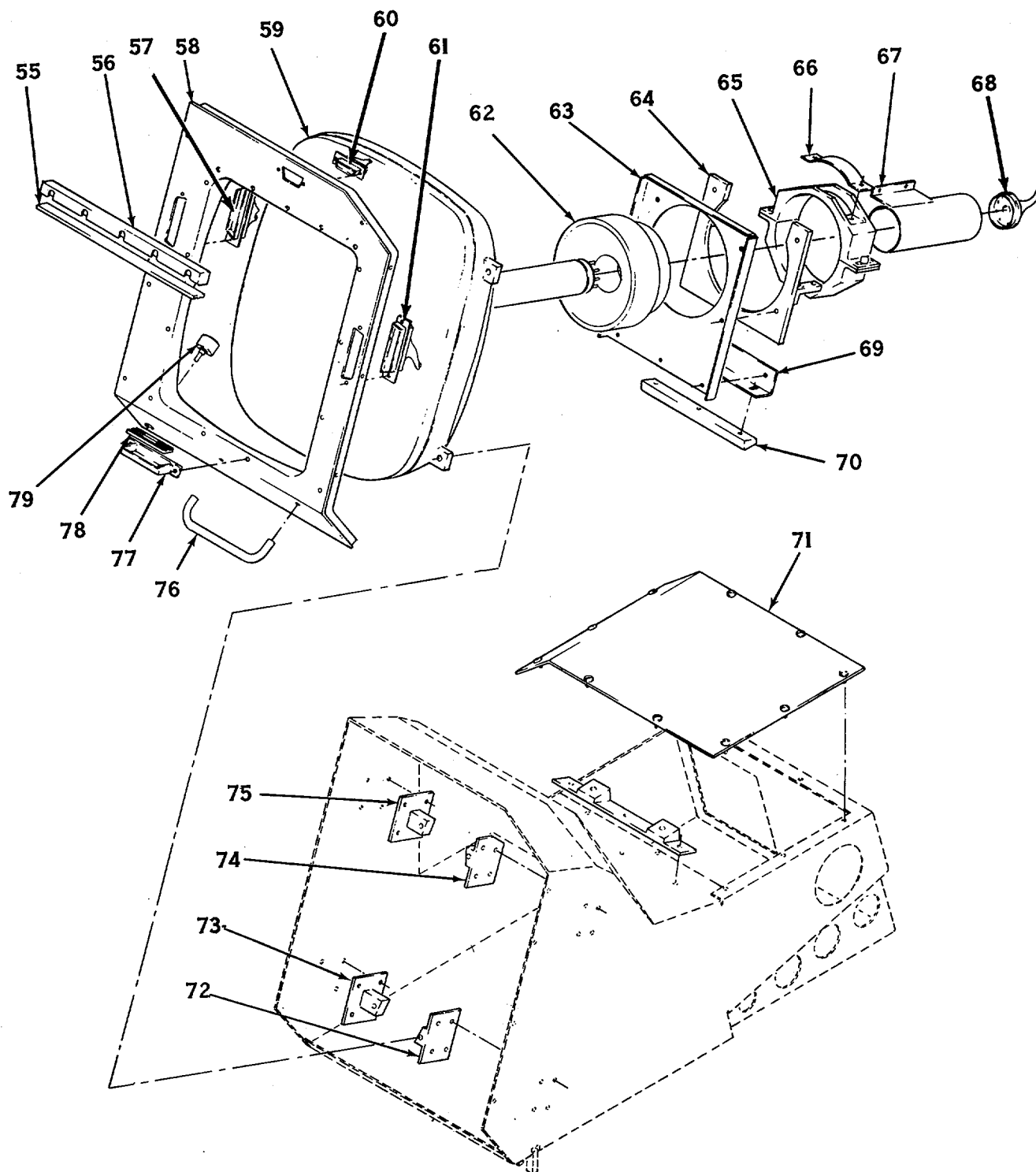
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
140	50	PAFZZ	5935-167-5915	SM-D-2017433-7	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
140	51	X8DZZ	5340-729-6763	SM-C-2019504-1	80063	CLAMP, RIM CLINCHING	EA	1
140	52	PAFZZ	4140-480-1248	SM-D-2017384-12	80063	FAN, VANEAXIAL	EA	1
140	53	XBDZZ		SMD-2019595-7	80063	FILTER ASSEMBLY, EXHAUST	EA	1
140	54	XBDZZ		SM-C-2018073	80063	GASKET, FILTER, AIR, EXHAUST	EA	1
140	55	XBDZZ		SM-C-2018788-1	80063	SUPPORT, SHIELD, LIGHT	EA	1
140	56	XBDZZ		SM-D-2018066	80063	RETAINER, UPPER, LIGHT SHIELD	EA	1
140	57	PAFZZ	5935-477-1204	SM-D-2017463-12	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
140	58	XRDZZ	SM-F-2018114	SM-E-2018114	80063	PANEL, FRONT, TERRAIN DISPLAY INDICATOR	EA	1
140	59	PAFZZ	5960-169-2610	SM-D-2017417-3	80063	ELECTRON TUBE	EA	1
140	60	PAHZ7	5935-432-6513	DAHIAF15SA156	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
140	61	PAFZZ	5935-234-9864	SM-D-2017459-12	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
140	62	PAFZZ	5950-40Q-9101	SM-D-2017418-1	80063	COIL, ASSEMBLY TUBE DEFLECTION	EA	1
140	63	YBFZZ		SM-D-2018100	80063	BRACKET, SUPPORT, COIL	EA	1
140	64	XBDZZ		SM-D-2018102	80063	PLATE, POSITIONING, COIL	EA	1
140	65	XAFZZ		SM-D-2018104	80063	COLLAR, COIL	EA	1
140	66	XBFZZ		SM-C-2018101	80063	CLAMP, COIL	EA	1
140	67	XBDZZ		SM-D-2018076	80063	SHIELD, TUBE, TERRAIN DISPLAY INDICATOR	EA	1
140	68	PAFZZ	5935-329-5249	SM-C-2017971-1	80063	SOCKET, EIFCTRON TUBE	EA	1
140	69	XBFZZ		SM-D-2018098	80063	BRACKET, ANGLE, ADJUSTMENT	EA	1
140	70	XBFZZ		SM-D-2018099	80063	BLOCK, ADJUSTMENT, ANGLE	EA	1
140	71	XBFZZ		SM-D-2018092	80063	COVER, ACCESSORY TOP	EA	1
140	72	XBDZZ		SM-D-2018108	80063	MOUNT, TUBE, LOWER, RIGHT	EA	1
140	73	XBDZZ		SM-D-2018107	80063	MOUNT, TUBE, LOIER, LEFT, INDICATOR	EA	1
140	74	XBDZZ		SM-D-2018105	80063	MOUNT, TUBE, UPPER, RIGHT INDICATOR	EA	1
140	75	XBDZZ		SM-D-2018106	80063	MOUNT, TUBE UPPER, LEFT, INDICATOR	EA	1
140	76	XBDZZ		SM-B-2018070	80063	HANDLE, TERRAIN DISPLAY INDICATOR	EA	1
140	77	XBDZZ		SM-D-2018067	80063	RETAINER, LOWER, LIGHT SHIELD	EA	1
140	78	XBDZZ		SM-C-2018788-2	80063	SUPPORT, SHIELD, LIGHT	EA	1
140	79	PAFZZ	5905-283-5123	RV4NAYS105A	81349	RESISTOR, VARIABLE COMPOSITION GROUP 9A1A4A7 DRIVER, TERRAIN DISPLAY INDICATOR HORIZONTAL DEFLECTION	EA	1
141	1	PADZZ	5910-010-8718	CKO6BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
141	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
141	3	PADZZ	5910-487-8424	CM05FD391J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	3
141	4	PADZZ	5910-060-1190	CH05FD681J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
141	5	PADZZ	5910-460-1047	CM'05ED510J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	4
141	6	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
141	7	PADZZ	5910-456-0800	CM05D201J0	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
141	8	PADZZ	5910-460-0869	CM105FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
141	9	PADZZ	5910-953-3503	CK12BX331K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
141	10	PADZZ	5910-839-3991	CSR13GIO5KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
141	11	PADZZ		SM-D-2017484-10	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1



EL5850-241-34P-TM-140①

Figure 140 (1). Indicator terrain display IP-970/AAS-24 (sheet 1 of 2).

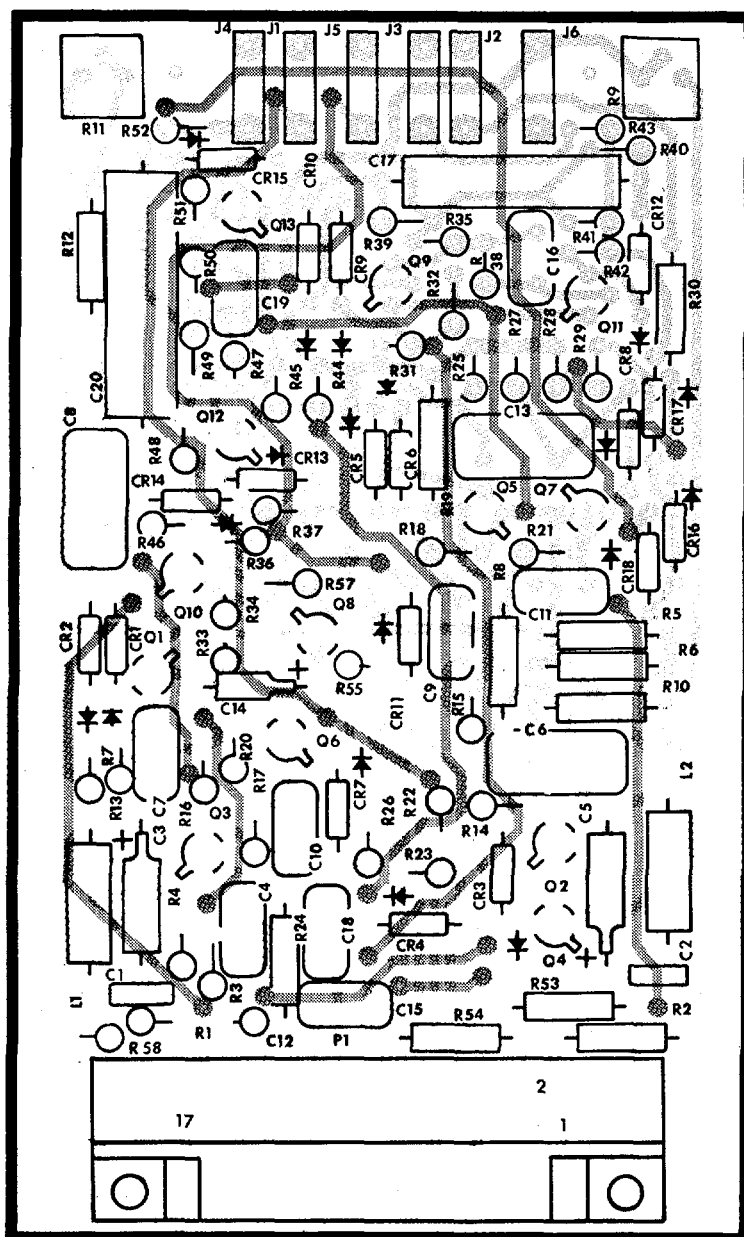


EL 5850-241-34P-TM-140②

Figure 140 (2). Indicator, terrain display IP-970/AAS-24 (sheet 2 of 2).

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
141	12	PADZZ	5910-850-3205	SUI-D-2017484-11	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
141	13	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODF	EA	13
141	14	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	5
141	15	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
141	16	PADZZ	5935-131-9681	M39024-11-02	8134Q	JACK, TIP	EA	1
141	17	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
141	18	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
141	19	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
141	20	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
141	21	PADZZ	5950-727-2680	MS75052-5	96906	COIL, RADIO FREQUENCY	EA	2
141	22	PADZZ	5935-499-6947	54-D-2017423-1	80063	CONNECTOR, RECEPACL, ELECTRICAL	EA	1
141	23	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	11
141	24	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	1
141	25	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	1
141	26	PADZZ	5905-957-8633	RN6OD51RIF	81349	RESISTOR, FIXED, FILM	EA	2
141	27	PADZZ	5905-721-2385	RN60D3322F	81349	RESISTOR, FIXED, FILM	EA	4
141	28	PADZZ	5905-138-1285	RN60D2001F	81349	RFSISTOR, FIXED, FILM	EA	5
141	29	PADZZ	5q05-758-4840	RN6OD1501F	81349	RESISTOR, FIXED, FILM	EA	5
141	30	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	2
141	31	PADZZ	5905-025-5988	RN60OD3321F	81349	RESISTOR, FIXED, FILM	EA	4
141	32	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	7
141	33	PADZZ	5905-195-6377	RN6OD1502F	81349	RESISTOR, FIXED, FILM	EA	6
141	34	PADZZ	5905-892-6578	RN60D1212F	81349	RFSISTOR, FIXFD, FILM	EA	1
141	35	PADZZ	5905-043-0381	RN6OD2211F	81349	RESISTOR, FIXED, FILM	EA	4
141	36	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	1
141	37	PADZZ	5905-432-6410	RN6OD1EO1F	81349	RESISTOR, FIXED, FILM	EA	9
141	38	PADZZ	5950-078-8365	RN6OD5112F	81349	RESISTOR, FIXFD, FILM	EA	1
141	39	PADZZ	5905-195-6379	RN60D1822F	81349	RESISTOR, FIXED, FILM	EA	1
141	40	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	1
141	41	PADZZ	5905-763-6456	RN60D1182F	81349	RESISTOR, FIXED, FILM	EA	1
141	42	PADZZ	5905-137-0804	RN60D1OC3F	81349	RESISTOR, FIXED, FILM	EA	2
141	43	PADZZ	5905-452-0773	RN60D8252F	81349	RESISTOR, FIXED, FILM	EA	1
142	1	PADZZ	5910-113-5540	CK15BXIO4K	81349	GROUP 9A1A4A8 POWER SUPPLY, TERRAIN DISPLAY INDICATOR HORIZONLAL DEFLECTION	EA	7
142	2	PADZZ	5910-132-5994	CU13CL121SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
142	3	PADZZ	5910-460-0869	0105FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
142	4	PADZZ	5910-900-4641	1406FD472JO3	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
142	5	PADZZ	5961-762-0201	1N5550	81349	SEUICONDUCTOR DEVICE, DIODE	EA	6
142	6	PADZZ	5961-581-9700	1N816	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
142	7	PADZZ	5961-752-6163	1N965B	81349	SEMICONDUCTOR DFVICP, DIODE	EA	1
142	8	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
142	9	PADZZ	5935-131-9681	H39024-11-02	81349	JACK, TIP	EA	1



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	J2	16	R19	35
C2	1	J3	17	R20	29
C3	2	J4	18	R21	33
C4	3	J5	19	R22	36
C5	2	J6	20	R23	37
C6	4	L1	21	R24	38
C7	5	L2	21	R25	32
C8	6	P1	22	R26	35
C9	7	Q1	23	R27	32
C10	5	Q2	23	R28	31
C11	8	Q3	23	R29	37
C12	9	Q4	23	R30	37
C13	6	Q5	23	R31	27
C14	10	Q6	23	R32	28
C15	3	Q7	23	R33	39
C16	5	Q8	24	R34	40
C17	11	Q9	23	R35	35
C18	3	Q10	25	R36	28
C19	5	Q11	23	R37	37
C20	12	Q12	23	R38	33
CR1	13	Q13	23	R39	33
CR2	14	R1	26	R40	32
CR3	14	R2	26	R41	31
CR4	13	R3	27	R42	37
CR5	14	R4	28	R43	37
CR6	13	R5	27	R44	27
CR7	13	R6	28	R45	28
CR8	13	R7	29	R46	35
CR9	13	R8	29	R47	33
CR10	14	R9	30	R48	41
CR11	13	R10	31	R49	32
CR12	13	R11	30	R50	31
CR13	13	R12	32	R51	37
CR14	14	R13	33	R52	37
CR15	13	R14	34	R53	42
CR16	13	R15	29	R54	37
CR17	13	R16	29	R55	42
CR18	13	R17	33	R57	43
J1	15	R18	32	R58	32

**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

TRANSISTOR (Q)

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A1A4A7

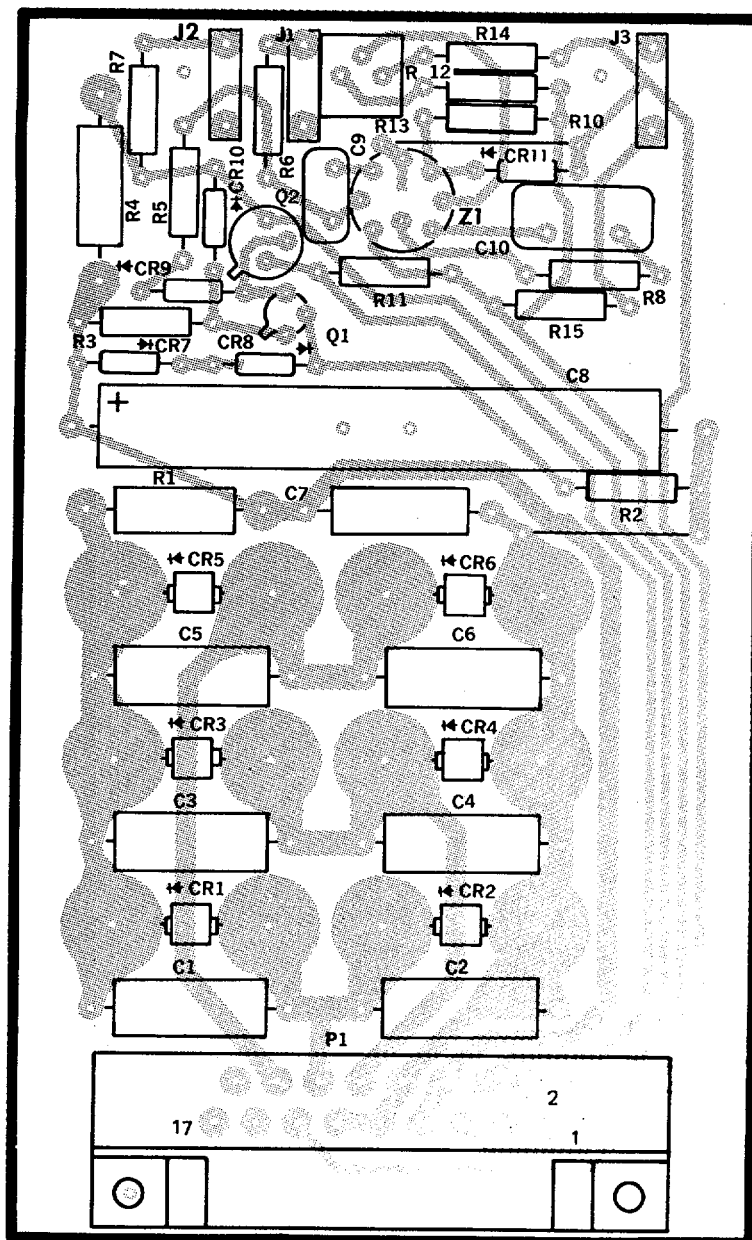
EL5850-241-34P-TM-141

Figure 141. Driver, terrain display indicator horizontal deflection.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
142	10	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
142	11	PADZZ	5340-947-6312	i4q17160-22	96906	CLIP, SPRING, TENSION	EA	1
142	12	PADZZ	5935-499-6946	SM-D-2017423-2	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
142	13	PADZZ	5961-925-3777	2N2907A	81349	TEANSISTOR	EA	1
142	14	PAD7Z	5961-752-6081	2N657	81349	TRANSISTOR	EA	1
142	15	PADZZ	5905-989-9362	RW69VR56	81349	RESISTOR, FIXED, WIREWOUND	EA	1
142	16	PADZZ	5905-192-3880	RN60D2492F	81349	RESISTOR, FIXED, FILM	EA	1
142	17	PADZZ	5905-758-2063	RN60D22100F	81349	RESISTOR, FIXED, FILM	EA	1
142	18	PADZZ	5905-990-9575	RW69VR68	81349	RESISTOR, FIXED, WIREWOUND	EA	1
142	19	PADZZ	5905-452-0768	RN60D6191F	81349	RESISTJR, FIXED, FILM	EA	1
142	20	PAD7Z	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3
142	21	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
142	22	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1
142	23	PADZZ	5905-763-6456	RN60D1182F	81349	RESISTOR, FIXED, FILM	EA	1
142	24	PADZZ	5905-104-0922	RT24C2P502	81349	RESISTOR, VARIABLE	EA	1
142	25	PADZZ	5905-983-5949	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	1
142	26	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 9AIA4A9 AMPLIFIER TERRAIN DISPLAY INDICATOR VIDEO	EA	1
143	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	6
143	2	PADZZ	5910-176-2641	CSR13B337XL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
143	3	PADZZ	5910-007-2003	CSR13E156KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
143	4	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
143	5	PADZZ	5910-460-1047	CAO05ED510J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
143	6	PADZZ	5910-615-0427	CM05ED330J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
143	7	PADZZ	5910-060-1190	CM06FD681J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
143	8	PADZZ	5910-005-3085	CU13CS220SP3	81349	CAPACITOR, FIXED, METALLIZED	EA	1
143	9	PADZZ	5910-280-7973	CK63AW103M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
143	10	PADZZ	5910-660-4726	CH09A1NC104K	81349	CAPACITOR, FIXED, METALLIZED	EA	1
143	11	PADZZ	5q10-008-3302	CK72AX102G	81349	CAPACITOR, FIXED, CERAMIC, DIELECTRIC	EA	1
143	12	PADZZ	5961-842-9864	1N914	81349	DEVICE, DIODE	EA	2
143	13	PADZZ	5961-846-8157	1N759A	81349	DEVICE, DIODE	EA	1
143	14	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
143	15	PADZZ	5961-054-0339	SM-C-2019417-1	80063	INSULATOR, DISK	EA	1
143	16	PADZZ	5999-484-5513	SM-C-2019375-1	80063	INSULATOR, DISK	EA	1
143	17	PADZZ	5961-919-4224	SM-C-2019390-1	80063	INSULATOR, DISK	EA	1
143	18	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
143	19	PADZZ	5945-851-2875	SMD-201741-1	80063	RELAY, ARMATURE	EA	1
143	20	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FREQUENCY	EA	1
143	21	PADZZ	5935-499-6947	SM-D-2017423-3	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
143	22	PADZZ	5961-890-9867	SMD-2017405-1	80063	TRANSISTOR	EA	1
143	23	PADZZ	5961-011-7110	2N3501	81349	TRANSISTOR	EA	1
143	24	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1





DESIG ITEM DESIG ITEM DESIG ITEM

C1	1	CR6	5	R2	16
C2	1	CR7	6	R3	17
C3	1	CR8	6	R4	18
C4	1	CR9	6	R5	19
C5	1	CR10	6	R6	20
C6	1	CR11	7	R7	20
C7	1	J1	8	R8	21
C8	2	J2	9	R10	21
C9	3	J3	10	R11	22
C10	4	MP1	11	R12	23
CR1	5	P1	12	R13	24
CR2	5	Q1	13	R14	25
CR3	5	Q2	14	R15	20
CR4	5	R1	15	Z1	26
CR5	5				

LEGEND

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.



TRANSISTOR (Q)



OPERATIONAL AMPLIFIER (Z)

NOTE: UNLESS OTHERWISE SPECIFIED

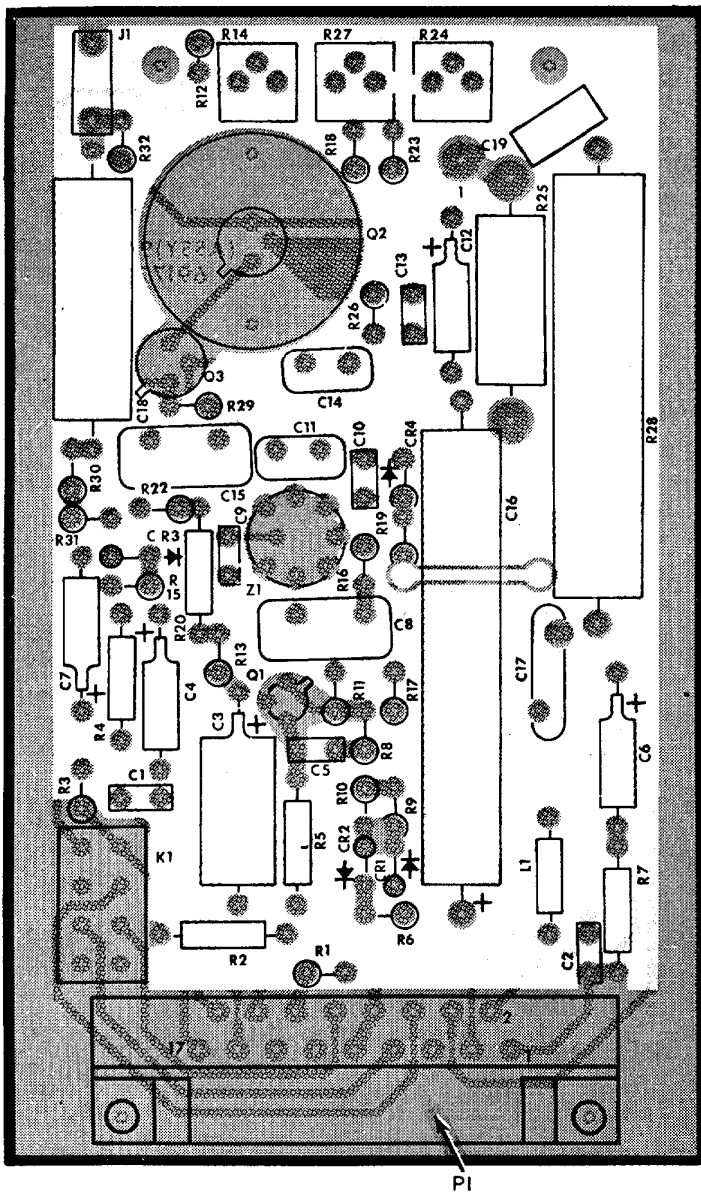
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN—DARK SHADING INDICATES COMPONENT SIDE PATTERN
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A1A4A8

EL5850-241-34P-TM-142

Figure 142. Power supply, terrain display indicator horizontal deflection.

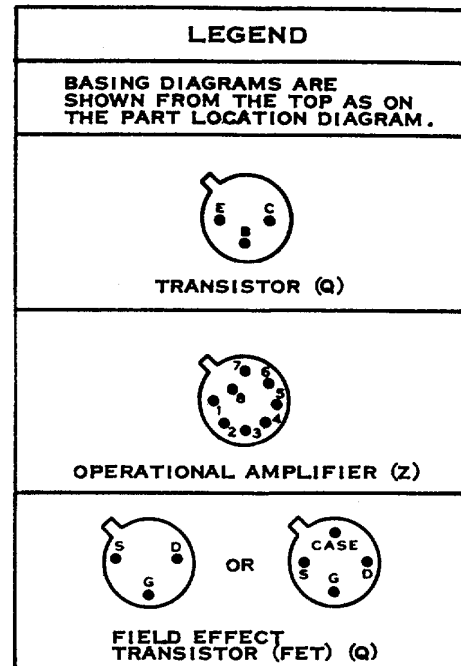
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
143	25	PADZZ	5905-988-2310	RN60DIOOOF	81349	RESISTOR, FIXED, FILM	EA	2
143	26	PADZZ	5905-957-8633	RN60D51R1F	81439	RESISTOR, FIXED, FILM	EA	5
143	27	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
143	28	PADZZ	5905-983-6914	RN60D10L2F	81349	RESISTOR, FIXED, FILM	EA	4
143	29	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM	EA	2
143	30	PADZZ	5905-432-6410	RN60DLOO1F	81349	RESISTOR, FIXED, FILM	EA	2
143	31	PADZZ	5905-261-7693	RN60D1621F	81349	RESISTOR, FIXED, FILM	EA	1
143	32	PADZZ	5905-104-0922	RT24C2P502	81349	RFSISTOR, VARAIBLE	EA	1
143	33	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	1
143	34	PADZZ	5905-142-0901	RN60D200OF	81349	RESISTOR, FIXED, FILM	EA	1
143	35	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
143	36	PADZZ	5905-721-2387	RN60D6190F	81349	RESISTOR, FIXED, FILM	EA	1
143	37	PADZZ	5905-069-3913	RN60D274OF	81349	RESISTOR, FIXED, FILM	EA	1
143	38	PADZZ	5905-452-0743	RN60D1210F	81349	RFSISTOR, FIXED, FILM	EA	1
143	39	PADZZ	5905-196-1020	RT24C2P501	81349	RESISTOR, VARIABLE	EA	2
143	40	PADZZ	5905-542-8598	RW74U1502F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
143	41	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
143	42	PADZZ	5905-946-0949	RN80B4321F	81349	RESISTOR, FIXED, FILM	EA	1
143	43	PADZZ	5905-763-6653	RN60DW5ROF	81349	RESISTOR, FIXED, FILM	EA	2
143	44	PADZZ	5905-069-3926	RN60D2743F	81349	RESISTOR, FIXED, FILM	EA	1
143	45	PADZZ	5962-245-5325	SI-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP 9AIA4A10 GENERATOR, TERRAIN DISPLAY INDICATOR VERTICAL SWEEP	EA	1
144	1	PADZZ	5910-410-9329	CM06FD1002J03	81349	CAPACITOR, FIXED, MICA, DIELECTRIC	EA	2
144	2	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
144	3	PADZZ	5910-154-0547	CSR13F476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
144	4	PADZZ	5910-900-4641	CtAO6FD472Jo3	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	2
144	5	PADZZ	5910-229-7757	LP9A1C474J	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
144	6	PADZZ	5910-934-2564	CSR13C127KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
144	7	PADZZ	5910-236-8740	CSR13C475KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
144	8	PADZZ	5910-010-8718	CK06BX1O3K	81349	CAPACITOR, FIXED,CERAMIC DIELECTRIC	EA	2
144	9	PADZZ	5910-460-0869	CM05FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
144	10	PADZZ	5910-113-5276	CK05BX471K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
144	11	PADZZ	5961-842-9864	IN914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
144	12	PADZZ	5961-950-9881	1N827	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
144	13	PADZZ	5961-846-8157	1N759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
144	14	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
144	15	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
144	16	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
144	17	PADZZ	5935-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
144	18	PADZZ	5950-771-2089	MS75054-5	96906	COIL, RADIO FREQUENCY	EA	1
144	19	PADZZ	5935-476-4829	SM-D-2017423-4	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
144	20	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2



DESIG ITEM DESIG ITEM DESIG ITEM

C1	1	CR4	14	R12	31
C2	1	H1	15	R13	28
C3	2	H2	16	R14	32
C4	3	H3	17	R15	33
C5	1	J1	18	R16	34
C6	3	K1	19	R17	30
C7	3	L1	20	R18	35
C8	4	P1	21	R19	36
C9	1	Q1	22	R20	28
C10	1	Q2	23	R22	37
C11	5	Q3	24	R23	38
C12	3	R1	25	R24	39
C13	1	R2	25	R25	40
C14	6	R3	26	R26	41
C15	7	R4	26	R27	39
C16	8	R5	27	R28	42
C17	9	R6	28	R29	43
C18	10	R7	26	R30	44
C19	11	R8	26	R31	26
CR1	12	R9	29	R32	28
CR2	12	R10	29	Z1	45
CR3	13	R11	30		



NOTE: UNLESS OTHERWISE SPECIFIED

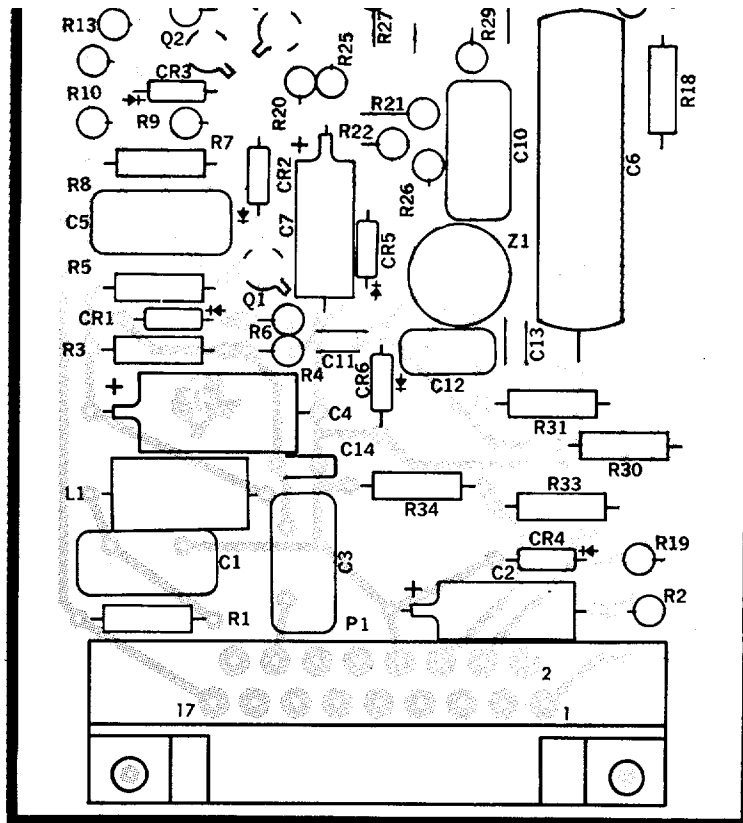
1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A1A4A9
4. H1, HZ, H3, ARE INSULATOR DISKS INSTALLED UNDER Z1, Q1, Q3 RESPECTIVELY.

EL5850-241-34P-TM-143

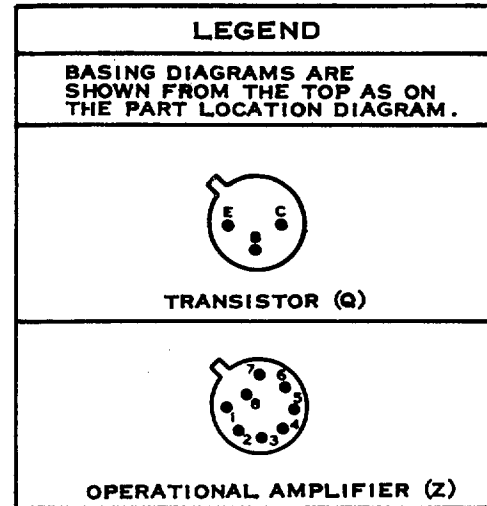
Figure 143. Amplifier, terrain display indicator video.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
144	21	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	2
144	22	PADZZ	5961-913-1747	2N2907	81349	TRANSISTOR	EA	1
144	23	PADZZ	5905-957-8633	R600D51R1F	81349	RFSISTOR, FIXED, FILM	EA	2
144	24	PADZZ	1905-452-0764	RN60D4752F	81349	RESISTOR, FIXED, FILM	EA	1
144	25	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	4
144	26	PADZZ	5905-758-4840	RN60D1501F	81349	RFSISTOR, FIXED, FILM	EA	3
144	27	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
144	28	PADZZ	5905-432-6410	RN6R0D1001F	81349	RESISTOR, FIXFD, FILM	EA	7
144	29	PADZZ	5905-067-5576	RN60D6813F	81349	RESISTOR, FIXED, FILM	EA	1
144	30	PADZZ	5005-952-6824	RN160D4320F	81349	RESISTOR, FIXED, FILM	EA	1
144	31	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	2
144	32	PADZZ	5005-087-8525	R1160E3022F	81349	RESISTOR, FIXED, FILM	EA	1
144	33	PADZZ	5905-988-2313	RN60D1211F	81349	RESISTOR, FIXED, FILM	EA	2
144	34	PADZZ	5905-732-3859	RN60D15R0F	81349	RESISTOR, FIXED, FILM	EA	1
144	35	PADZZ	5105-138-1283	RN60C102F	81349	RESISTOR, FIXED, FILM	EA	2
144	36	PADZZ	5905-984-7679	RN60D1213F	81349	RESISTOR, FIXED, FILM	EA	2
144	37	PADZZ	5905-451-7512	RN60D4991F	81349	RESISTOR, FIXED, FILM	EA	1
144	38	PADZZ	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	2
144	39	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIXED, FILM	EA	1
144	40	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP: 9A1A4A11 DRIVER, TERRAIN DISPLAY INDICATOR VERTICAL DEFLECTION	EA	1
145	1	PADZZ	5910-010-8718	CK06BV103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
145	2	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	4
745	3	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
145	4	PADZZ	5910-460-0869	C1405FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
145	5	PADZZ	5961-842-9964	1NQ14	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
145	6	PADZZ	5961-846-8157	111759A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
145	7	PADZZ	5961-581-9700	1N816	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
145	8	PADZZ	5035-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
145	9	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
145	10	PADZZ	5035-131-9726	1N39024-11-06	81349	JACK, TIP	EA	1
145	11	PADZZ	5935-131-9693	1139024-11-03	81349	JACK, TIP	EA	1
145	12	PADZZ	5935-476-4830	SM-D-2017423-5	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
145	13	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2
145	14	PADZZ	5961-050-7499	2N221AA	81349	TRANSISTOR	EA	1
145	15	PADZZ	5961-880-4779	2N2905	81349	TRANSISTOR	EA	1
145	16	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	3
145	17	PADZZ	5905-192-3458	RN60D6812F	81349	RESISTOR, FIXED, FILM	EA	2
145	18	PADZZ	5905-006-6988	RN60D7501F	81349	RESISTOR, FIXED, FILM	EA	2
145	19	PADZZ	5905-489-2150	RT24C2P103	81349	RESISTOR, VARIABLE	EA	3
145	20	PADZZ	5905-069-1753	RN60D1302F	81349	RESISTOR, FIXED, FILM	EA	3
145	21	PADZZ	5905-969-5846	RN60D3921F	81349	RESISTOR, FIXED, FILM	EA	3



C10	4	R1	23	R23	31
C11	8	R2	23	R24	36
C12	9	R3	24	R25	37
C13	8	R4	25	R26	26
C14	10	R5	26	R27	36
CR1	11	R6	25	R28	38
CR2	11	R7	27	R29	35
CR3	11	R8	25	R30	38
CR4	12	R9	26	R31	28
CR5	12	R10	25	R32	28
CR6	13	R11	28	R33	39
CR7	13	R12	29	R34	28
J1	14	R13	30	Z1	40
J2	15				



NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN--DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A1A4A10

EL5850-241-34P-TM-144

NOTE: UNLESS OTHERWISE SPECIFIED

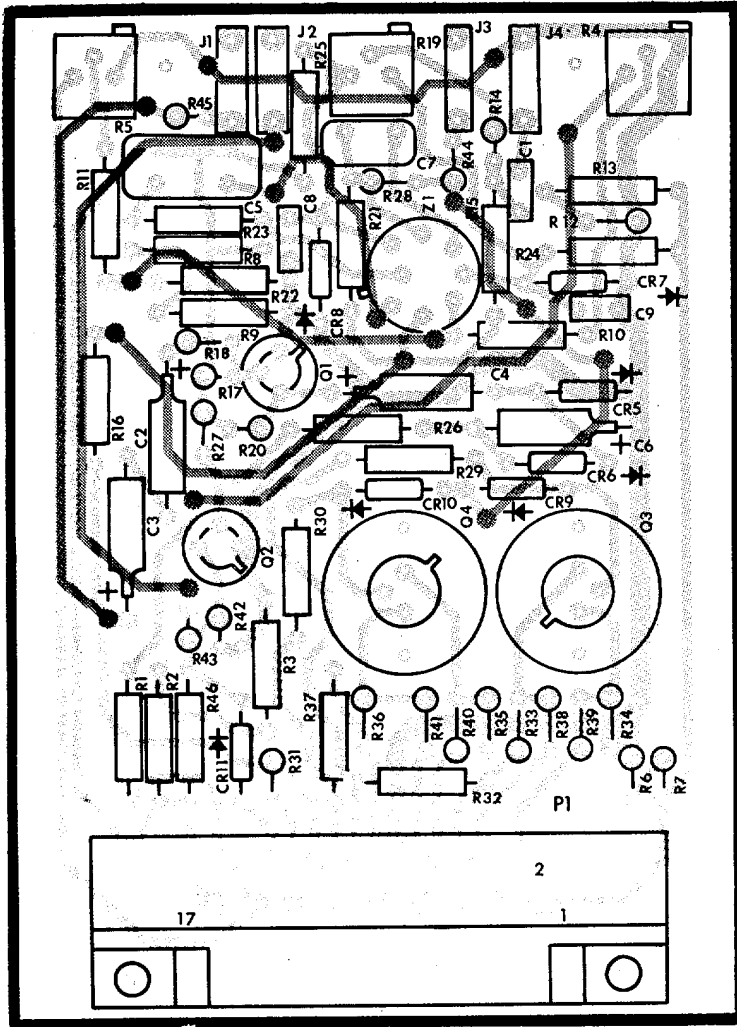
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN--DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A1A4A10

EL5850-241-34P-TM-144

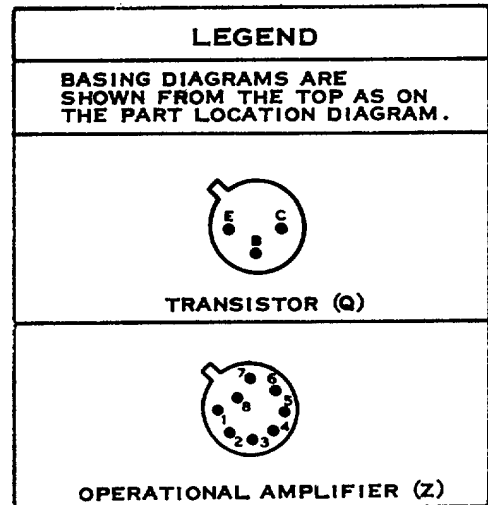
Figure 144. Generator, terrain display indicator vertical sweep.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
145	22	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	6
145	23	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	3
145	24	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM	EA	2
145	25	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
145	26	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	1
145	27	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	1
145	28	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
145	29	PADZZ	5905-243-5622	RN60D3010F	81349	RESISTOR, FIXED, FILM	EA	2
145	30	PADZZ	5905-147-2062	RN60D2212F	81349	RESISTOR, FIXED, FILM	EA	1
145	31	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
145	32	PADZZ	5905-069-3917	RN60D8251F	81349	RESISTOR, FIXED, FILM	EA	1
145	33	PADZZ	5905-189-2474	RN60D4750F	81349	RESISTOR, FIXED, FILM	EA	1
145	34	PADZZ	5905-214-2927	RN60D5110F	81349	RESISTOR, FIXED, FILM	EA	2
145	35	PADZZ	5905-232-7791	RN60D1500F	81349	RESISTOR, FIXED, FILM	EA	1
145	36	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	2
145	37	PADZZ	5905-763-6653	RN60D75R0F	81349	RESISTOR, FIXED, FILM	EA	1
145	38	PADZZ	5905-069-3913	RN60D2740F	81349	RESISTOR, FIXED, FILM	EA	2
145	39	PADZZ	5905-142-0903	RN60D1102F	81349	RESISTOR, FIXED, FILM	EA	1
145	40	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP: 9AIA4A12 POWER SUPPLY, TERRAIN DISPLAY INDICATOR VERTICAL DEFLECTION	EA	1
146	1	PADZZ	5910-113-5540	CK15BX104K	81349	CAPACITOR, FIXED, CFRA"IC DIELECTRIC	EA	7
146	2	PADZZ	5910-101-2163	CU13CJ151SP3	81349	CAPACITOR, FIXED, ELECTRNLYTIC	EA	1
146	3	PADZZ	5910-490-0397	CM05ED470J03	81349	CAPACITOR, FIXED, MIIC0 DIFLECRIC	EA	2
146	4	PADZZ	5910-838-8947	CM06FD152J03	81349	CAPACITOR, FIXED, IAICA DIELECTRIC	EA	2
146	5	PADZZ	5961-957-6865	1N3611	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
146	6	PADZZ	5961-581-9700	1N816	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
146	7	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
146	8	PADZZ	5961-894-0684	1N758A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
146	9	PADZZ	5961-226-5134	1N938B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
146	10	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
146	11	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
146	12	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
146	13	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
146	14	PADZZ	5935-131-9697	M39024-11-05	81349	JACK, TIP	EA	1
146	15	PADZZ	5935-131-9727	M39024-11-07	81349	JACK, TIP	EA	1
146	16	PADZZ	5935-476-4831	SM-D-2017423-6	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
146	17	PADZZ	5961-925-3777	2N2907	81349	TRANSISTOR	EA	2
146	18	PADZZ	5961-843-9430	2N1893	81349	TRANSISTOR	EA	1
146	19	PADZZ	5961-Q51-8757	2N2222A	81349	TRANSISTOR	EA	1
146	20	PADZZ	5905-989-9362	RW69VR56	81349	RESISTOR, FIXED, WIREWOUND	EA	1
146	21	PADZZ	5905-078-8365	RNOD5112F	81349	RESISTOR, FIXED, FILM	EA	1
146	22	PADZZ	5905-192-3880	RN60D2492F	81349	RESISTOR, FIXED, FILM	EA	1



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	Q4	15	R24	29
C2	2	R1	16	R25	29
C3	2	R2	17	R26	30
C4	2	R3	18	R27	23
C5	3	R4	19	R28	31
C6	2	R5	19	R29	20
C7	4	R6	18	R30	32
C8	1	R7	17	R31	33
C9	1	R8	20	R32	34
CR5	5	R9	21	R33	35
CR6	5	R10	22	R34	36
CR7	6	R11	23	R35	36
CR8	6	R12	21	R36	37
CR9	7	R13	20	R37	34
CR10	7	R14	24	R38	22
CR11	5	R15	24	R39	38
J1	8	R16	22	R40	38
J2	9	R17	23	R41	21
J3	10	R18	25	R42	21
J4	11	R19	19	R43	22
P1	12	R20	22	R44	16
Q1	13	R21	26	R45	16
Q2	13	R22	26	R46	39
Q3	14	R23	28	Z1	40



EL 5850-241-50 -DMTM -145

NOTE. UNLESS OTHERWISE SPECIFIED.

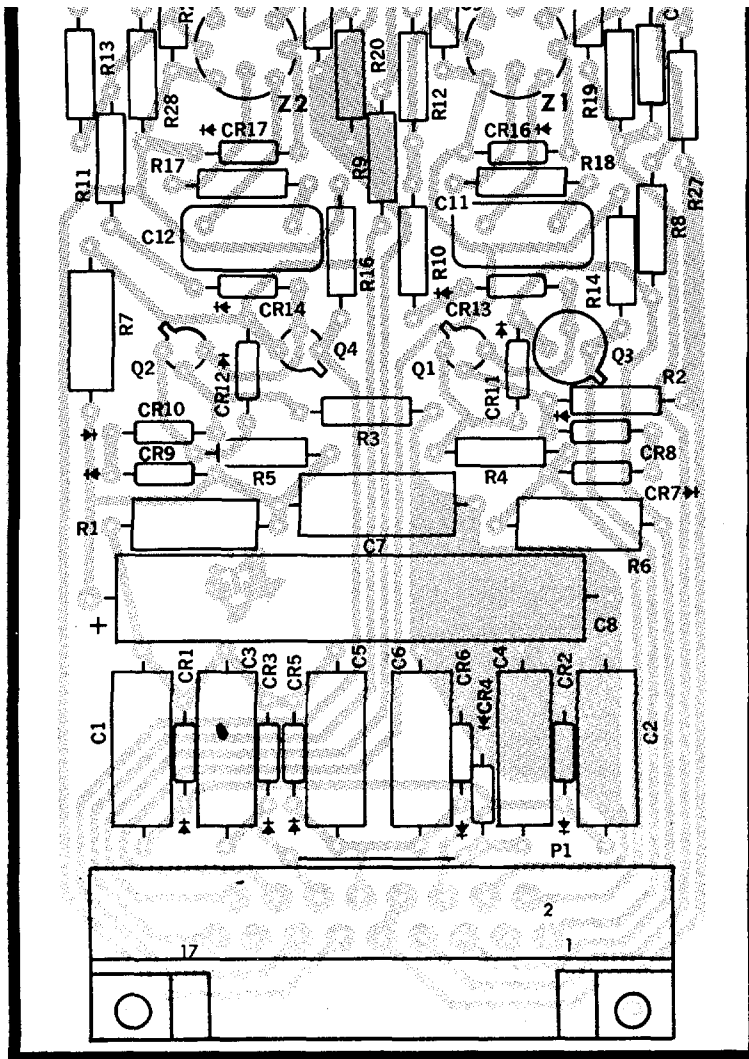
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION, PREFIX WITH 9A1A4A11.

Figure 145. Driver, terrain display indicator vertical deflection.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
146	23	PADZZ	5905-758-2063	RN60D2210F	81349	RESISTOR, FIXED, FILM	EA	2
146	24	PADZZ	5905-990-9575	RW69VR68	81349	RESISTOR, FIXED, WIREWOUND	EA	1
146	25	PADZZ	5905-051-5557	RW69VR47	81349	RESISTOR, FIXED, WIREWOUND	EA	1
146	26	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	7
146	27	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FIDL	EA	2
146	28	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	2
146	29	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	2
146	30	PADZZ	5905-767-0984	RN60D4321F	81349	RESISTOR, FIXED, FIM	EA	1
146	31	PADZZ	5905-184-7794	RN60C8251F	81349	RESISTOR, FIXED, FILM	EA	1
146	32	PADZZ	5905-998-9178	RT24C2P202	81349	RESISTOR, VARIABLE	EA	2
146	33	PADZZ	5905-471-6251	RN60C2872F	81349	RESISTOR, FIXED, FILM	EA	1
146	34	PADZZ	5905-069-3917	RN60D821F	81349	RESISTOR, FIXED, FILM	EA	1
146	35	PADZZ	5905-192-3479	RN60D9091F	81349	RESISTOR, FIYED, FILM	EA	1
146	36	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP: 9A0A4A13 GENERATOR, TERRAIN DISPLAY INDICATOR RETICLE	EA	2
147	1	PADZZ	5910-229-7786	CU13CH470SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	3
147	2	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIYED, CERAMIC DIELECTRIC	EA	12
147	3	PADZZ	5910-487-8424	CM05FUD91J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
147	4	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
147	5	PADZZ	5910-176-7335	CM05FD121J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
147	6	PADZZ	5910-456-0800	CM05FD201J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
147	7	PADZZ	5910-007-2000	CSR1313685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
147	8	PADZZ	5910-065-8613	CM06FD621J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
147	9	PADZZ	5910-954-1769	CM0SFD151J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
147	10	PADZZ	5910-453-8796	CM05FD181J03	81349	CAPACITOR, EIXED, MICA DIELECTRIC	EA	1
147	11	PADZZ	5910-882-4521	CM05ED820J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
147	12	PADZZ	5961-725-6121	1N753A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
147	13	PADZZ	5961-836-0382	1N3022B	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
147	14	PADZZ	5961-951-8868	1N829	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
147	15	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	6
147	16	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
147	17	PADZZ	5905-952-6824	RN60D43N0F	81349	RESISTOR, FIXED, FILM	EA	4
147	18	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
147	19	PADZZ	5a35-131-9693	M39024-11-03	81349	JACK, TIP	EA	1
147	20	PADZZ	5935-131-9728	M39024-11-08	81349	JACK, TIP	EA	1
147	21	PADZZ	5950-103-7484	MS90542-19	96906	COIL, RADIO FREQUENCY	EA	2
147	22	PADZZ	5935-476-4832	SM-D-2017423-7	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
147	23	PADZZ	5961-985-9076	SM-D-2017359-1	80063	TRANSISTOR	EA	3
147	24	PADZZ	5961-954-6100	2N708	81349	TRANSISTOR	EA	4
147	25	PADZZ	5905-957-8633	RN60D51R1F	81349	RESISTOR, FIXED, FILM	EA	1
147	26	PADZZ	5905-194-8406	RN60C6190F	81349	RESISTOR, FIXED, FILM	EA	2
147	27	PADZZ	5905-857-6107	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	1






C6	1	CR17	9	R14	26
C7	1	J1	10	R13	26
C8	2	J2	11	R14	28
C9	3	J3	12	R16	28
C10	3	J4	13	R17	29
C11	4	J5	14	R18	29
C12	4	J6	15	R19	30
CR1	5	P1	16	R20	26
CR2	5	Q1	17	R21	31
CR3	5	Q2	17	R22	32
CR4	5	Q3	18	R23	33
CR5	5	Q4	19	R24	34
CR6	5	R1	20	R25	32
CR7	6	R2	21	R26	35
CR8	6	R3	22	R27	26
CR9	6	R4	23	R28	26
CR10	6	R5	23	Z1	36
CR11	7	R6	24	Z2	36

**LEGEND**


---

**BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.**



**TRANSISTOR (Q)**

---



**OPERATIONAL AMPLIFIER (Z)**

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A1A4A12

EL5850-241-34P-TM-146

NOTE: UNLESS OTHERWISE SPECIFIED

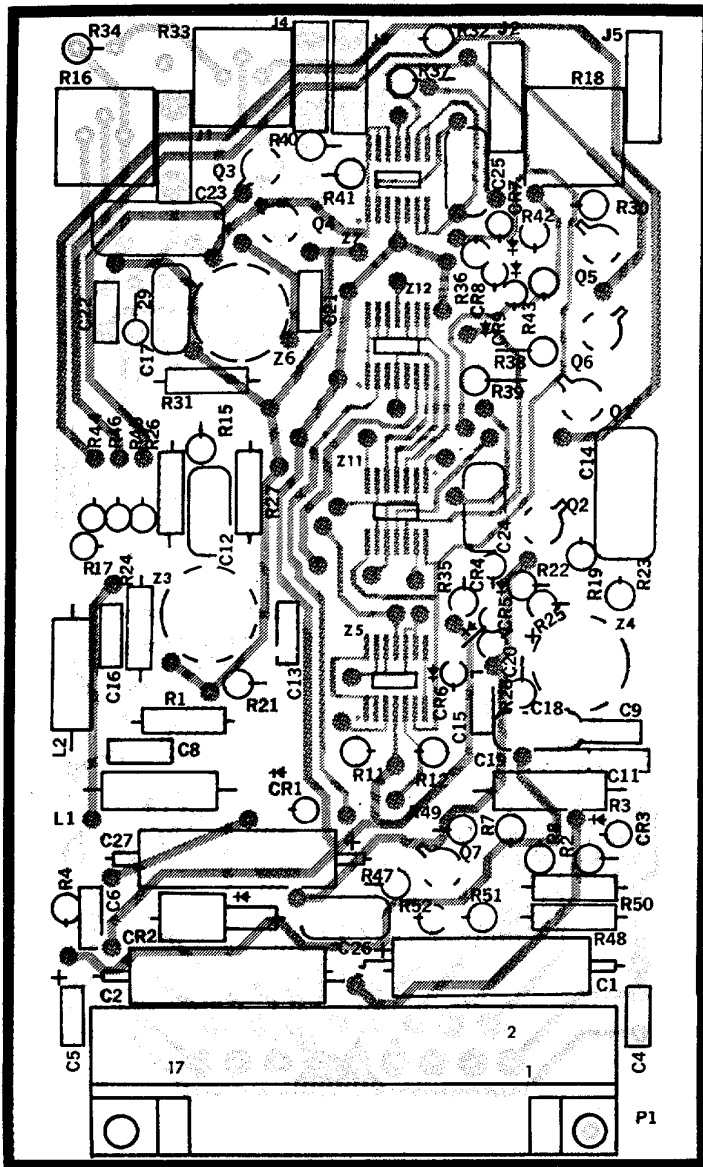
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A1A4A12

ELS850-241-34P-TM-146

Figure 146. Power supply, terrain display indicator vertical deflection.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
147	28	PADZZ	5905-232-7808	RN60D82R5F	81349	RESISTOR, FIXED, FILM	EA	1
147	29	PADZZ	5905-028-1832	RN60D1301F	81349	RESISTOR, FIXED, FILM	EA	2
147	30	PADZZ	5905-952-6824	PN60D4320F	81349	RESISTOR, FIXED, FILM	EA	4
147	31	PADZZ	5905-067-9079	RT22C2P102	81249	RESISTOR, VARIABLE, WIREWOUND	EA	1
147	32	PADZZ	5905-451-7534	RN60D7500F	81349	RESISTOR, FIXED, FID5	EA	1
147	33	PADZZ	5905-255-3664	RT22C2P103	81349	RESISTOR, VARIABLE, WIREWOUND	EA	1
147	34	PADZZ	5905-192-3880	RN60D2492F	81349	RESISTOR, FIXED, FILM	EA	1
147	35	PADZZ	5905-006-6988	RN60D7501F	81349	RESISTOR, FIXED, FILM	EA	1
147	36	PADZZ	5905-758-4840	RN60D150F	81349	RESISTOR, FIXED, FILM	EA	2
147	37	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	6
147	38	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	3
147	39	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
147	40	PADZZ	5905-067-6473	RT22C2P501	81349	RESISTOR, VARIABLE, WIREWOUND	EA	1
147	41	PADZZ	5905-462-5689	RN60C2150F	81349	RESISTOR, FIXED, FILM	EA	1
147	42	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	8
147	43	PADZZ	5905-847-5053	RN60C8061F	81349	RESISTOR, FIXED, FILM	EA	1
147	44	PADZZ	5905-165-3103	RN60C1622F	81349	RESISTOR, FIXED, FILM	EA	1
147	45	PADZZ	5905-451-7520	RN60C3242F	81349	RESISTOR, FIXED, FILM	EA	1
147	46	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	1
147	47	PADZZ	5905-142-0931	RN60DS111F	81349	RESISTOR, FIXED, FILM	EA	2
147	48	PADZZ	5905-078-8365	RN60DS112F	81349	RESISTOR, FIXED, FILM	EA	1
147	49	PADZZ	5962-117-6091	SM-D-2017453-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	3
147	50	PADZZ	5962-245-5325	SM-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1
147	51	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER	EA	1
147	52	PADZZ	5962-248-2636	SM-D-2017493-1	80063	INTEGRATED CIRCUIT, DIFFERENTIAL COMPONENT	EA	1
147	53	PADZZ	5962-470-4303	SM-D-201457-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	1
147	54	PADZZ	5962-117-6075	SM-D-2017398-2	80063	INTEGRATED CIRCUIT, FLIP-FLOP	EA	2
147	55	PADZZ	5962-117-6089	SM-D-2017454-2	80063	INTEGRATED CIRCUIT, INPUT GATE	EA	1
147	56	PADZZ	5962-117-6090	SM-D-2017455-2	80063	INTEGRATED CIRCUIT, INPUT GATE GROUP: 9A1A4A14 REGULATOR, TERRAIN DISPLAY INDICATOR HV	EA	1
148	1	PADZZ	5910-109-0653	CK15BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
148	2	PADZZ	5910-460-1047	CM05ED510J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
148	3	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
148	4	PADZZ	5910-255-4054	CL06FD202J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
148	5	PADZZ	5910-010-6536	CL65BH080MPE	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
148	6	PADZZ	5910-280-7973	CK63AW103M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
148	7	PADZZ	5910-460-0869	C105FD221J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
148	8	PADZZ	5910-761-1140	CL65BJ100MPE	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
148	9	PADZZ	5910-900-4641	CM06FD472J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
148	10	PADZZ	5910-060-1190	C5106FD681J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
148	11	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
148	12	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4



DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM	
C1	1	J3	18	R30	37
C2	1	J4	19	R31	38
C4	2	J5	20	R32	26
C5	2	L1	21	R33	40
C6	2	L2	21	R34	41
C8	2	P1	22	R35	36
C9	2	Q1	23	R36	42
C11	2	Q2	24	R37	37
C12	3	Q3	23	R38	42
C13	2	Q4	24	R39	42
C14	4	Q5	23	R40	42
C15	2	Q6	24	R41	42
C16	2	Q7	24	R42	42
C17	5	R1	25	R43	42
C18	6	R2	26	R44	43
C19	2	R3	27	R45	44
C20	7	R4	28	R46	45
C21	2	R7	29	R47	42
C22	2	R8	29	R48	46
C23	8	R11	30	R49	47
C24	9	R12	30	R50	37
C25	10	R15	30	R51	48
C26	11	R16	31	R52	47
C27	1	R17	32	Z2	49
CR1	12	R18	33	Z3	50
CR2	13	R19	34	Z4	51
CR3	14	R21	30	Z5	49
CR4	15	R22	35	Z6	52
CR5	15	R23	36	Z7	53
CR6	15	R24	37	Z8	54
CR7	15	R25	37	Z9	54
CR8	15	R26	38	Z10	49
CR9	15	R27	39	Z11	55
J1	16	R28	38	Z12	56
J2	17	R29	37		

**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

**TRANSISTOR (Q)**

**OPERATIONAL AMPLIFIER (Z)**

**INTEGRATED CIRCUIT  
14-PIN FLAT-PACK (Z)**

EL5850-241-34P-TM-147

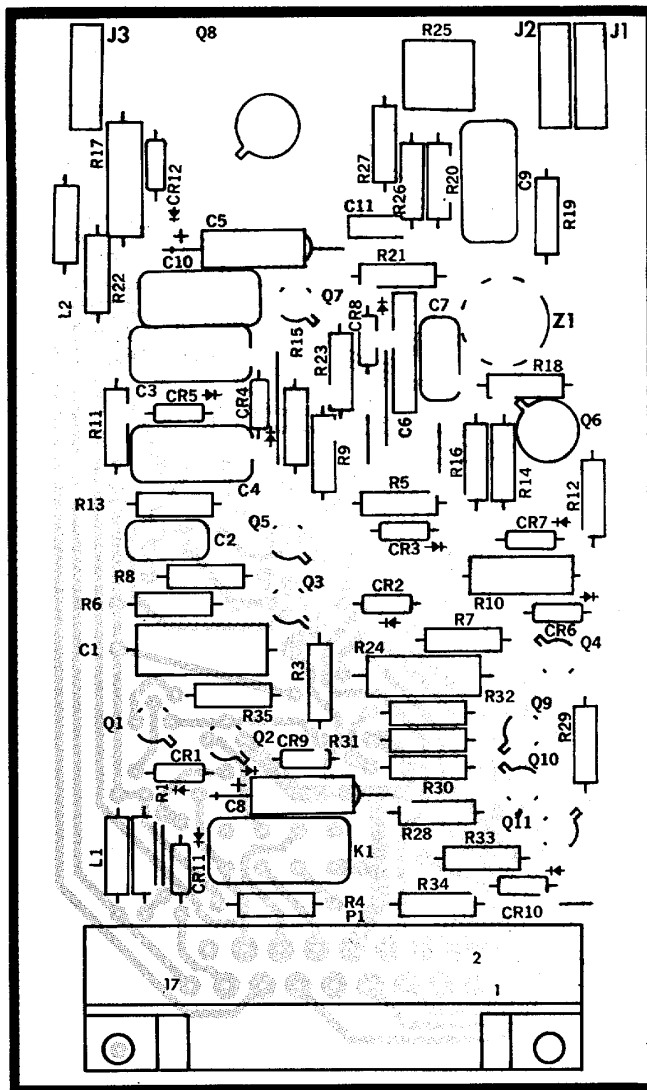
NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A1A4A13

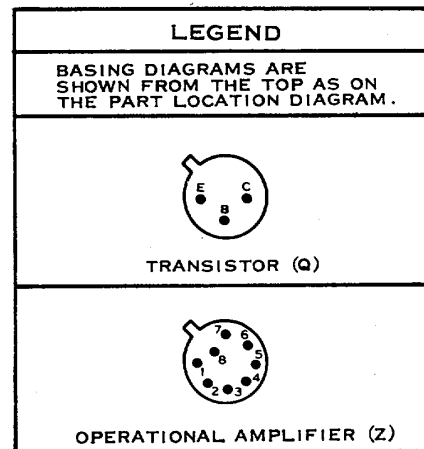
Figure 147. Generator, terrain display indicator reticle.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
148	13	PADZZ	5961-581-9700	1N816	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
148	14	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
148	15	PADZZ	5961-923-3940	1N825	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
148	16	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
148	17	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
148	18	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
148	19	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
148	20	PADZZ	5945-478-7662	SM-D-2017461-6	80063	RELAY, ARMATURE	EA	1
148	21	PADZZ	5950-921-3418	MS90537-37	96906	COIL, RADIO FREQUENCY	EA	1
148	22	PADZZ	5950-921-3420	MS90537-49	96906	COIL, RADIO FRFQUENCY	EA	1
148	23	PADZZ	5935-476-4833	SM-D-2017423-8	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
148	24	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	4
148	25	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
148	26	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	2
148	27	PADZZ	5961-752-6081	2N657	81349	TRANSISTOR	EA	1
148	28	PADZZ	5961-102-1362	SM-D-2017394-1	80063	TRANSISTOR	EA	1
148	29	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	2
148	30	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	3
148	31	PADZZ	5905-763-9309	RN60D39P2F	81349	RESISTOR, FIXED, FILM	EA	1
148	32	PADZZ	5905-192-3880	RN60D2492F	81349	RESISTOR, FIXED, FILM	EA	1
148	33	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	3
148	34	PADZZ	5905-232-7791	RN60D1500F	81340	RESISTOR, FIXED, FILM	EA	1
148	35	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	3
148	36	PADZZ	5905-060-3731	RW69V1R0	81149	RESISTOR, FIXED, WIREWOUND	EA	1
148	37	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FIIM	EA	6
148	38	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	2
148	39	PADZZ	5905-904-0506	RW79U1820F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
148	40	PADZZ	5905-984-7679	RN60D1213F	81349	RESISTOR, FIXED, FILM	EA	1
148	41	PADZZ	5905-189-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	2
148	42	PADZZ	5905-028-3027	RN6TD2004F	81349	RESISTOR, FIXED, FIIM	EA	1
148	43	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
148	44	PADZZ	5905-184-7794	RN60C8251F	81349	RESISTOR, FIXED, FILM	EA	1
148	45	PADZZ	5905-147-4096	RN60E1103F	81349	RESISTOR, FIXED, FILM	EA	1
148	46	PADZZ	5905-432-0467	RN60D3323F	81349	RESISTOR, FIXFD, FILM	EA	1
148	47	PADZZ	5905-211-0230	RN60D2211F	81349	RESISTOR, FIXED, FILM	EA	1
148	48	PADZZ	5905-233-7141	RN60D2741F	81349	RESISTOR, FIXED, FILM	EA	1
148	49	PADZZ	5962-861-3220	SM-D-2017483-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP: 9A1A4A16 ASSEMBLY, TEPPRAIN DISPLAY INDICATOR DEFLECTION HEATSINK	EA	1
149	1	PADZZ	5935-490-8389	M24308-4-5	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
149	2	PAFDD	5999-142-5787	SM-D-2018171	80063	TRAY, COMPONENT	EA	1
149	3	PADZZ	5910-113-5499	CK06BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
149	4	PADZZ	5961-723-3602	1N3612	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4



DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	K1	20	R12	37
C2	2	L1	21	R13	33
C3	3	L2	22	R14	30
C4	4	F1	23	R15	35
C5	5	Q1	24	R16	38
C6	6	Q2	25	R17	39
C7	7	Q3	25	R18	37
C8	8	Q4	26	R19	33
C9	9	Q5	24	R20	37
C10	10	Q6	27	R21	40
C11	11	Q7	25	R22	37
CR1	12	Q8	28	R23	41
CR2	13	Q9	24	R24	42
CR3	13	Q10	24	R25	43
CR4	12	Q11	26	R26	44
CR5	14	R1	29	R27	45
CR6	13	R2	30	R28	46
CR7	13	R4	31	R29	29
CR8	15	R5	32	R30	47
CR9	16	R6	33	R31	48
CR10	12	R7	34	R32	41
CR11	12	R8	35	R33	38
CR12	14	R9	30	R34	37
J1	17	R10	36	R35	37
J2	18	R11	35	Z1	49
J3	19				



EL5850-241-34P-TM-148

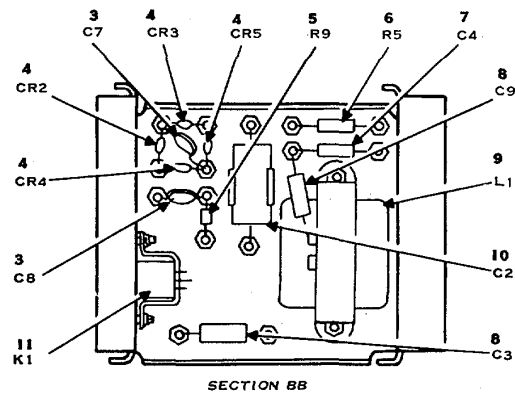
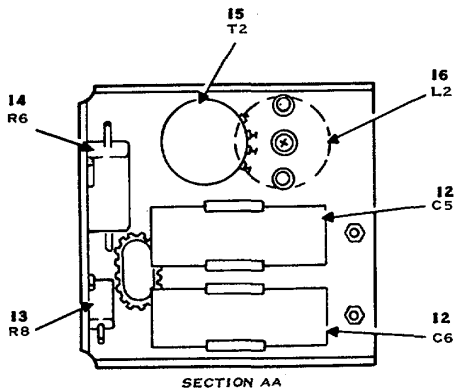
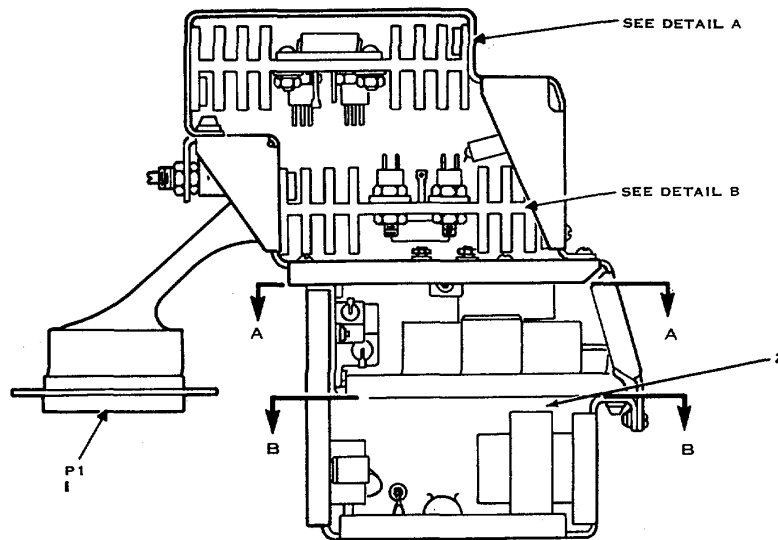
- NOTE: UNLESS OTHERWISE SPECIFIED**
1. BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.
  2. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  3. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9AIA4A14

Figure 148. Regulator, terrain display Indicator H/V.  
2-273

EL5850-241-34P-TM-148

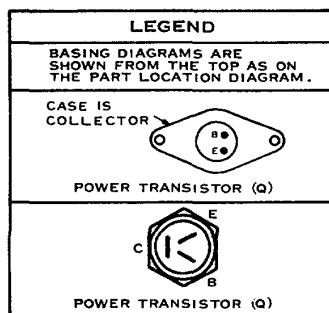
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
149	5	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	1
149	6	PADZZ	5905-817-6440	RW69V271	81349	RFSISTOR, FIXED, WIREWOUND	EA	1
149	7	PADZZ	5910-144-4383	CSR13F226KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
149	8	PADZZ	5910-761-1140	CL65BJ100MPE	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
149	9	PADZZ	5950-470-1417	SM-D-2017349-1	80063	INDUCTOR, POWER	EA	1
149	10	PADZZ	5910-103-7435	CU13CL220SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
149	11	PADZZ	5945-490-3696	M5757-29-001	81349	RELAY	EA	1
149	12	PADZZ		SM-D-2017460-4	80063	CAPACITOR, FIXED, FILM	EA	2
149	13	PADZZ	5905-478-7685	RE60GR162	81349	RESISTOR, FIXED, WIREWOUND	EA	1
149	14	PADZZ	5905-420-7117	RE70N75R0	81349	RESISTOR, FIXED, WIPFWOUND	EA	1
149	15	PADZZ	5950-470-1418	S9-D-201370	80063	TRANSFORMER, CURRENT	EA	1
149	16	PADZZ	5950-433-2449	SM-D-2018174	80063	INDUCTOR, TOROID	EA	1
140	17	PADZZ	5961-410-3978	SM-D-2017440-1	80063	TRANSISTOR	EA	1
149	18	PADZZ	5910-446-5548	CM08FD223J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
140	19	PADZZ	5961-923-3951	2N2151	81349	TRANSISTOR	EA	3
149	20	PADZZ	5905-984-5612	RE65G75R0	81349	RESISTOR, FIXED, WIREWOUND	EA	1
149	21	PADZZ	5905-432-2480	SM-D-2017360	80063	RADIO-FREQUENCY	EA	1
149	22	PADZZ	5905-472-0421	M22-15-00051UB	81349	RESISTOR, VARIABLE-POWER	EA	1
149	23	PADZZ	5905-914-0544	RE60G1R00	81349	RESISTOR, FIXED, WIREWOUND	EA	1
149	24	PADZZ	5961-432-9183	SM-D-2017489-1	80063	TRANSISTOR	EA	1
149	25	PADZZ	5961-494-4961	SM-D-2017442-1	80063	TRANSISTOR	EA	1
149	26	PADZZ	5905-240-3012	RE60G5R11	81349	RESISTOR, FIXED, WIREWOUND	EA	2
149	27	PADZZ	5961-001-7246	1N3888	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
						GROUP: 9A1A4A17 TRANSFORMER ASSEMBLY (SEE GROUP: 9A1A2A1 FOR PARTS LISTING)		
						GROUP: 9A2 CONTROL, CALIBRATION DISPLAY GROUP OK-150/AAS-24		
						(SEE GROUP: 9 FOR PARTS LISTING)		
						GROUP: 9A2A1 INDICATOR, CALIBRATION DISPLAY IP-960/AAS-24		
150	1	PAFZZ	5935-165-0114	SM-D-2017452-9	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
150	2	PAFDD	5250-449-0582	SM-D-2018341	80063	PREAMPLIFIER, VIDEO CALIBRATION I. B.	EA	1
150	3	PAFDD	5850-449-0584	SM-D-2018344	80063	DEFLECTION, VERTICAL CALIBRATE	EA	1
150	4	PAFDD	5850-449-0618	SM-D-2018347	80063	POWER SUPPLY, DIRECT CURRENT, LOW VOLTAGE	EA	1
150	5	PAFZZ	5935-165-0122	SM-D-2017452-11	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
150	6	PAFZZ	5935-497-0930	SM-D-2017452-12	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
150	7	PAFZZ		SM-C-2017448-1	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
150	8	PAHZZ	5935-490-5220	M24308-2-2	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
150	9	PAFDD	5850-449-0590	SM-D-201835-2	80063	AMPLIFIER, DEFLECTION HORIZONTAL	EA	1
150	10	PAFDD	5850-409-0905	SM-D-2019301	80063	GENERATOR, SWEEP, CALIBRATION	EA	1
150	11	PAFZZ	5935-165-0122	SM-D-2017452-13	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
150	12	PAFDD	5850-449-0591	SM-D-2018355	80063	BIAS CALIBRATION INDICATOR	EA	1
150	13	PAFZZ	5850-449-0611	SM-D-2018321	80063	POWER SUPPLY HICP VOLTAGE CALIBRATION	EA	1



**NOTE: UNLESS OTHERWISE SPECIFIED**

1. **BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.**
2. **FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A1A4A16**



EL5850-241-34P-TM-149 (1)

Figure 149(1). Terrain display indicator deflection heatsink assembly (sheet 1 of 2).

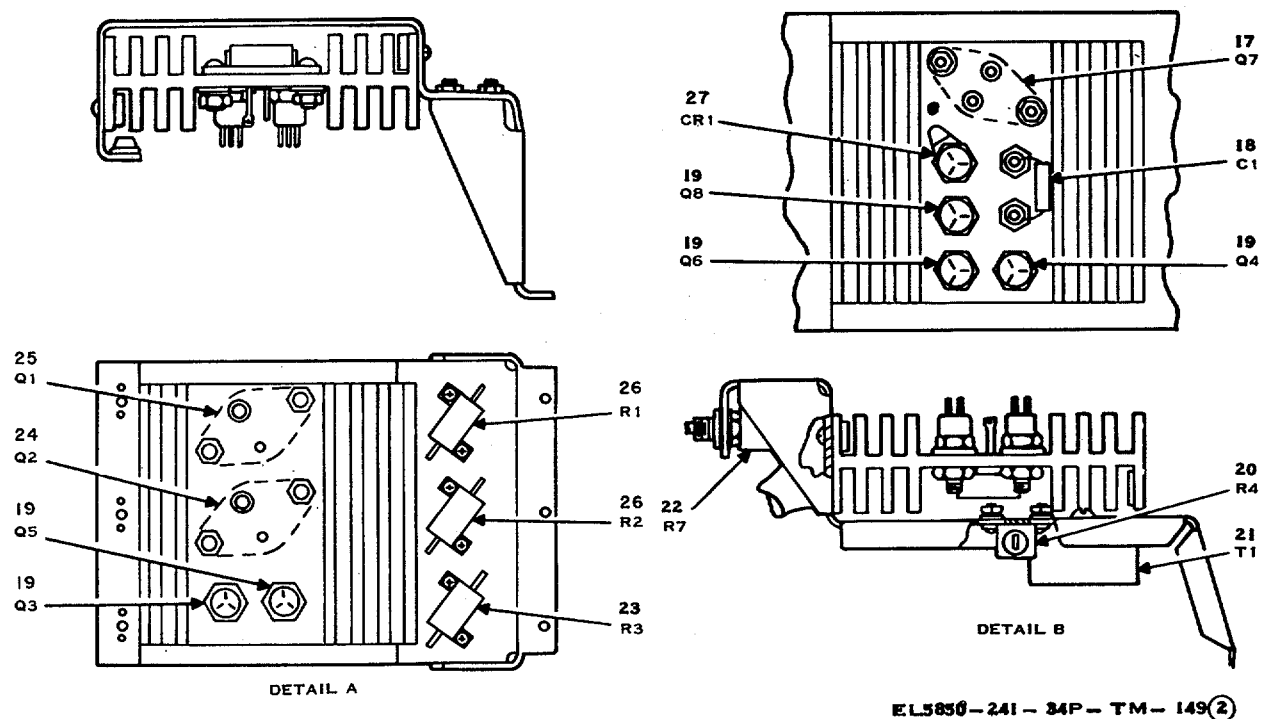
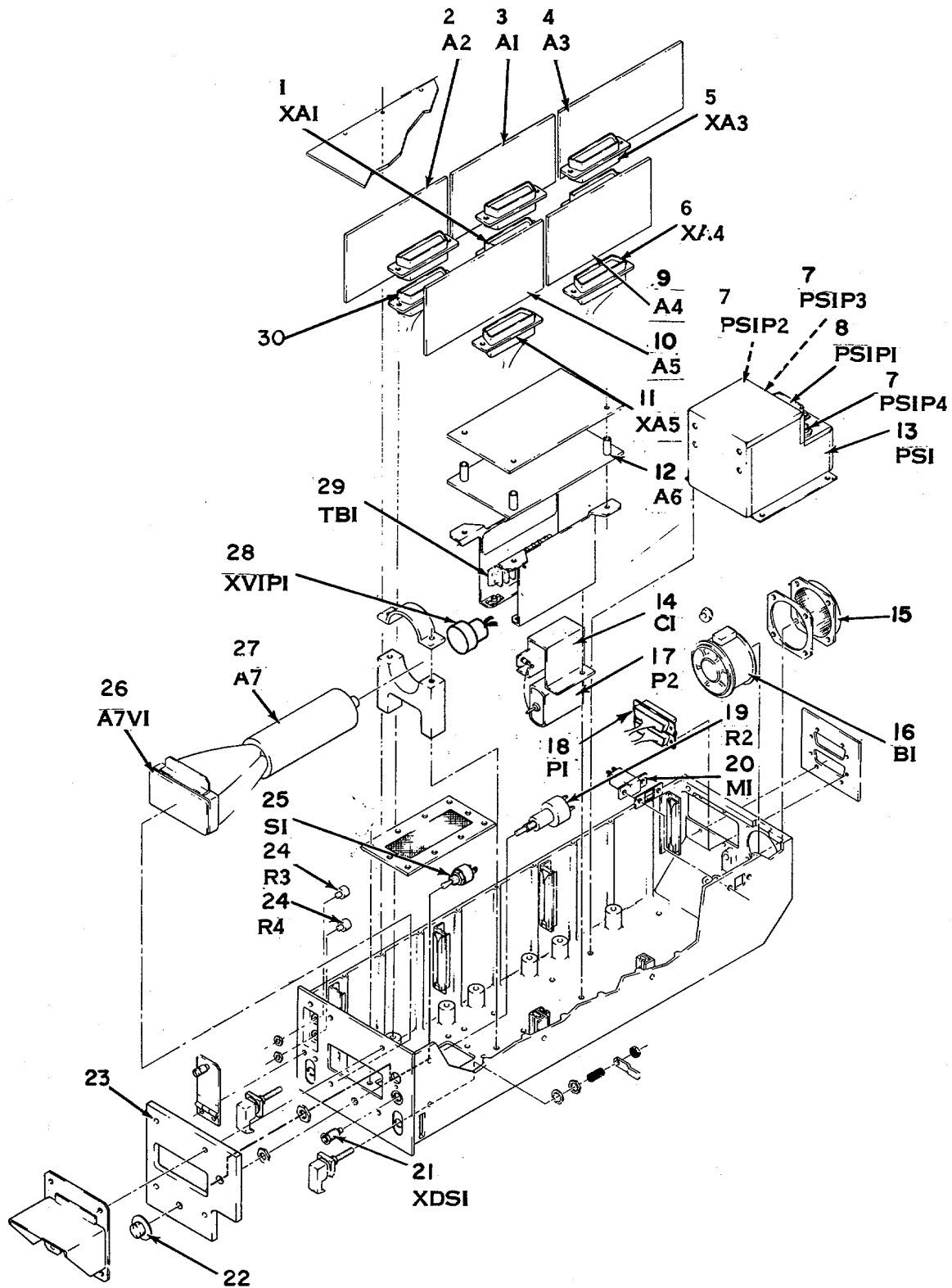


Figure 149<sup>2</sup>. Terrain display indicator deflection heatsink assembly (sheet 2 of 2).



SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
150	14	PADZZ	5910-518-1448	S(-C-2019348-9	80063	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
150	15	PAFZZ	4140-918-3762	SM-C-2018525-1	80063	BOOT, DUST AND MOISTURE SEAL	EA	1
150	16	PAFZZ	5841-106-8300	SM-D-2018312	80063	FAN, VANEAXIAL	EA	1
150	17	PAFZZ	5935-727-2247	A-D-2017388-1	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
150	18	PADZZ	5935-410-9252	I24308-4-4	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
150	19	PADZZ	5905-581-1396	RV6NAYSL254A	81349	RESISTOR, VARIABLE, COMPOSITION	EA	1
150	20	PAFZZ	6645-904-2754	MS17322-6A	96906	METER, TIDE TOTALIZING	EA	1
150	21	PAFZZ	5935-917-0336	MS90335-1	96906	CONNECTOR, RECEPTACLE ELECTRICAL	EA	1
150	22	PAOZZ	5355-877-8515	MS91528-0018	96906	KNOB, CONTROL	EA	1
150	23	PAFZZ	5325-817-0510	MS25381-1	96906	GROMMET, MOUNTING	EA	4
150	24	PAFZZ	5905-581-1408	RV6NAYSL254A	81349	RESISTOR, VARIABLE, COMPOSITION	EA	1
150	25	PAFZZ	5930-914-6458	HS90310-231	96906	SWITCH, TOGGLE	EA	1
150	26	PAFZZ	5960-167-0283	SM-C-2019157-1	80063	ELECTRON TUBE	EA	1
150	27	PAFDD	5850-431-0340	SM-D-2018299	80063	TUBE ASSEMBLY, OAT CHART INDICATOR	EA	1
150	28	PAFZZ	5935-167-5918	SM-C-2018524-1	80063	SOCKET, SEMICONDUCTOR DEVICE	EA	1
150	29	PAFZZ	5940-983-6048	37TB7	81349	TERMINAL BOARD	EA	1
150	30	PAFZZ	5935-165-0117	SM-D-2017452-10	80063	CONNECTOR, PLUG ELECTRICAL GROUP 9A2A1A1 AMPLIFIER, CATT TO N DISPLAY INDICATOR VERTICAL DEFLECTION	EA	1
151	1	PADZZ	5910-113-5499	CK06BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
151	2	PADZZ	5910-104-1341	C165BH400MPE	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
151	3	PADZZ	5910-280-7973	CK63AWIO3M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
151	4	PADZZ	5910-144-4379	CSR13E125KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
151	5	PADZZ	5910-010-8666	CKO5BX102K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
151	6	PADZZ	5961-581-9700	1N816	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
151	7	PADZZ	5935-131-9693	H39024-11-03	81349	JACK, TIP	EA	1
151	8	PADZZ	5935-131-9696	J439024-11-04	81349	JACK, TIP	EA	1
151	9	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
151	10	PADZZ	5905-929-2749	MS90537-60	96906	COIL, RADIO FREQUENCY	EA	1
151	11	PADZZ	5935-260-3328	SM-D-2017423-9	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
151	12	PADZZ	5961-905-4815	2N918	81349	TRANSISTOR	EA	2
151	13	PADZZ	5961-022-5670	2N3439	81349	TRANSISTOR	EA	2
151	14	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	2
151	15	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	1
151	16	PADZZ	5961-951-8757	2N2222A	13499	TRANSISTOR	EA	1
151	17	PADZZ	5905-452-0773	RN60D8250F	81349	RESISTOR, FIXED, FIIL	EA	2
151	18	PADZZ	5905-189-2472	RN60D4322F	81349	RESISTOR, FIXED, FIIL	EA	2
151	19	PADZZ	5905-517-9351	RN60D1823F	81349	RESISTOR, FIXED, FIIM	EA	2
151	20	PADZZ	5905-583-1855	RN80B1302F	81349	RESISTOR, FIXED, FILM	EA	2
151	21	PADZZ	5905-408-9332	RN65D3323F	81349	RESISTOR, FIXED, FIIM	EA	1
151	22	PADZZ	5905-025-5988	RN60D3321F	81349	RESIITOR, FIXED, FIIM	EA	1
151	23	PADZZ	5905-189-2467	RN60D3011F	81349	RESISTOR, FIXED, FIIM	EA	1
151	24	PADZZ	5905-232-7791	RN60D150OOF	81349	RESISTOR, FIXED, FIID	EA	1

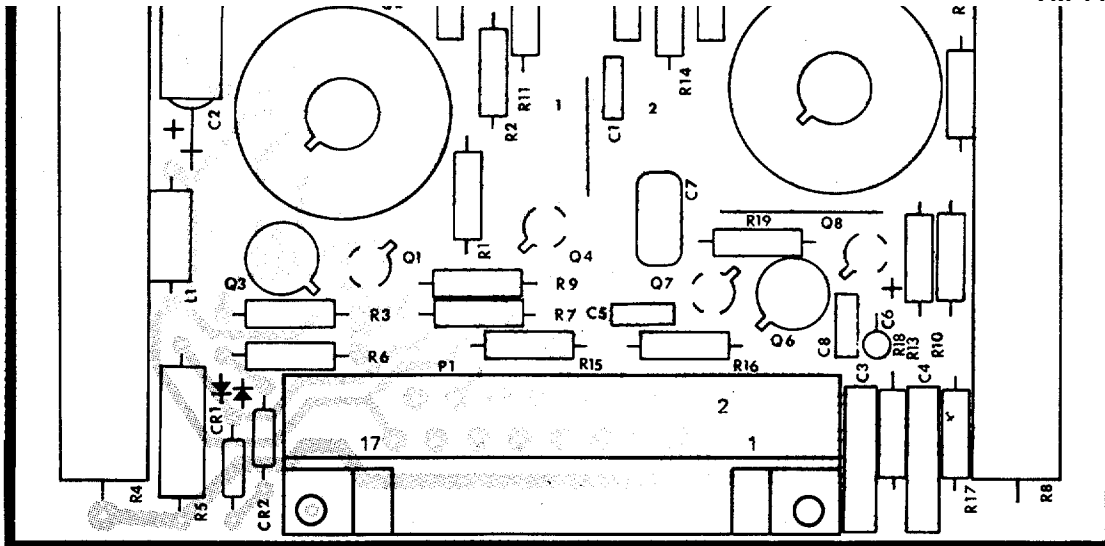


EL5850-241-34P-TM-150

Figure 150. Indicator, calibration display IP-969/AAS-24.  
2-278

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
151	25	PADZZ	5905-983-6914	RN60D102F	81349	RESISTOR, FIXED, FILM	EA	2
151	26	PADZZ	5905-112-7056	RN60D5620F	81349	RESISTOR, FIXED, FILM	EA	1
151	27	PADZZ	5905-988-2310	RN60D100F	81349	RESISTOR, FIXED, FILM	EA	2
151	28	PADZZ	5905-767-0978	RN60D2490F	81349	RESISTOR, FIXED, FILM	EA	1
151	29	PADZZ	5905-142-0901	RN60D2000F	81340	RESISTOR, FIXED, FILM GROUP: 9A2A1A2 PREM4PLIFIFR, CALIBRATION DISPLAY INDICATOR VIDEO	EA	1
152	1	PADZZ	5910-113-5499	CK06BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	4
152	2	PADZZ	5910-410-9329	CM06FD102J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
152	3	PADZZ	5910-460-1047	CM105ED51J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
152	4	PADZZ	5910-936-1357	CSR13E107KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
152	5	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
152	6	PADZZ	5945-851-2875	SM-D-2017461-1	80063	RELAY, ARMATURE	EA	3
152	7	PADZZ	5935-167-5922	SM-D-2017423-10	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
152	8	PADZZ	5905-227-5074	RN60D56R2F	81349	RESISTOR, FIXED, FILM	EA	1
152	9	PADZZ	5905-214-2927	RN60D5110F	81349	RESISTOR, FIXED, FILM	EA	1
152	10	PADZZ	5905-079-6336	RT24C2P102	81349	RESISTOR, VARIABLE	EA	1
152	11	PADZZ	5905-078-8365	RN60D5112F	81349	RESISTOR, FIXED, FILM	EA	1
152	12	PADZZ	5905-104-0922	RT24C2P502	81349	RESISTOR, VARIABLE	EA	1
152	13	PADZZ	5905-142-0901	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	2
152	14	PADZZ	5905-988-2310	RN60D100F	81349	RESISTOR, FIXED, FILM	EA	2
152	15	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	2
152	16	PADZZ	5905-758-4840	RN60D1501F	81349	RESISTOR, FIXED, FILM	EA	1
152	17	PADZZ	5962-245-5325	SM-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AIPLIFIER GROUP: 9A2A1A3 POWER SUPPLY, CALIBRATION DISPLAY INDICATOR LOW VOLTAGE DC	EA	1
153	1	PADZZ	5910-010-8718	CK06BX1003K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	8
153	2	PADZZ	5910-005-3085	CU13CS220SP3	81340	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
153	3	PADZZ	5910-154-0547	CSR13F476KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
153	4	PADZZ	5910-936-1357	CSR13E107KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
153	5	PADZZ	5910-010-8666	CK05BX102K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
153	6	PADZZ	5910-280-7973	CK63AW103M	8134Q	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	4
153	7	PADZZ	5961-957-6865	1N3611	81349	SEMICONDUCTOR DEVICE, DIODE	EA	8
153	8	PADZZ	5961-581-9700	1N816	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
153	9	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
153	10	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
153	11	PADZZ	5961-852-7549	1N754A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
153	12	PADZZ	5961-059-2904	1N3613	81349	SEMICONDUCTOR DEVICE, DIODE	EA	4
153	13	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
153	14	PADZZ	5935-131-9681	1439024-11-02	81349	JACK, TIP	EA	1
153	15	PADZZ	5935-167-0285	SM-D-2017423-11	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
153	16	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	2
153	17	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	2



**LEGEND**

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.

TRANSISTOR (Q)

DESIG ITEM	DESIG ITEM	DESIG ITEM	DESIG ITEM
C1	J2	Q8	R10
C2	J3	R1	R11
C3	L1	R2	R12
C4	P1	R3	R13
C5	Q1	R4	R14
C6	Q2	R5	R15
C7	Q3	R6	R16
C8	Q4	R7	R17
CR1	Q5	R8	R18
CR2	Q6	R9	R19
J1	Q7		

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN

2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A2A1A1

EL5850-241-34P-TM-151

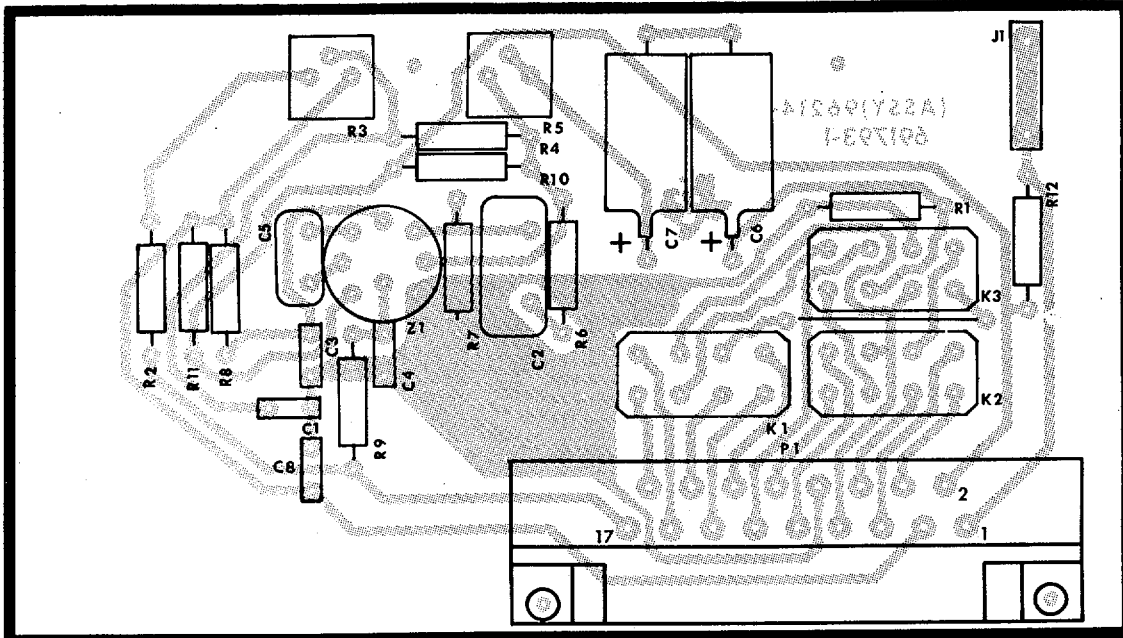
NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN

2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A2A1A1

EL5850-24134P-TM-151

Figure 151. Amplifier, calibration display indicator vertical deflection.



- NOTE: UNLESS OTHERWISE SPECIFIED**
1. **BASING DIAGRAMS FOR RELAYS ARE ILLUSTRATED ON THE RELAY CASE.**
  2. **LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A2A1A2**
  3. **FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A2A1A2**

LEGEND	
BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.	
OPERATIONAL AMPLIFIER (Z)	

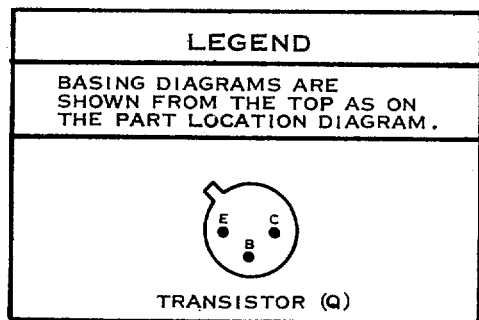
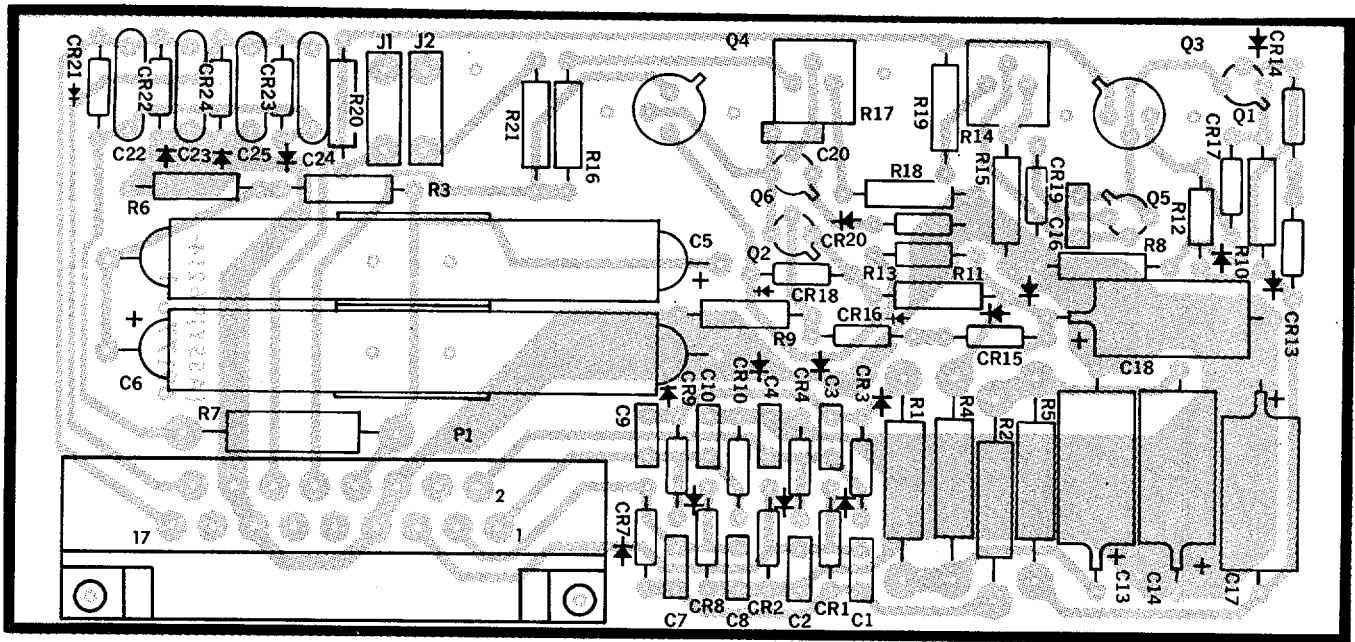
DESIG	ITEM	DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	C8	1	R2	9	R8	14
C2	2	J1	5	R3	10	R9	14
C3	1	K1	6	R4	11	R10	15
C4	1	K2	6	R5	12	R11	16
C5	3	K3	6	R6	13	R12	15
C6	4	P1	7	R7	13	Z1	17
C7	4	R1	8				

EL5850-241-34P-TM-152

Figure 152. Preamplifier, calibration display indicator video.

SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
153	18	PADZZ	5961-880-4779	2N2905	81349	TRANSISTOR	EA	1
153	19	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	1
153	20	PADZZ	5905-081-6137	RW169V5R1	81349	RFSISTOR, FIXED, WIRFWOUND	EA	3
153	21	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	2
153	22	PADZZ	5905-889-0010	RW69V100	81349	RESISTOR, FIXED, WIREWOUND	EA	1
153	23	PADZZ	5905-061-2089	RW69V510	81349	RESISTOR, FIXED, WIPEWOUND	EA	1
153	24	PADZZ	5905-452-0768	RN60D6191F	81349	RESISTOR, FIXED, FILM	EA	1
153	25	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
153	26	PADZZ	5905-957-8633	RN60DS1R1F	81349	RESISTOR, FIXED, FILM	EA	1
153	27	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
153	28	PADZZ	5905-436-8353	RW81U5R11F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
153	29	PADZZ	5905-442-1247	RW81U12R1F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
153	30	PADZZ	5905-251-7581	RT24C2P201	81349	RESISTOR, VARIABLE	EA	2
153	31	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	1
153	32	PADZZ	5905-227-5072	RN60D3920F	81349	RESISTOR, FIXED, FILM	EA	1
153	33	PADZZ	5905-689-1966	RN60D6810F	81349	RESISTOR, FIXED, FILM	EA	1
153	34	PADZZ	5905-952-6524	RN60D4320F	81349	RESISTOR, FIXED, FILM	EA	1
153	35	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	2
						GROUP: 9A2A1A4 AMPLIFIER, CALIBRATION DISPLAY INDICATOR HORIZONTAL DEFLECTION		
154	1	PADZZ	5910-113-5499	CK06BX104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
154	2	PADZZ	5910-104-1341	CL65BH4004PF	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
154	3	PADZZ	5910-280-7973	CK63AW1034M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	2
154	4	PADZZ	5910-460-0868	CM05FD101J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
154	5	PADZZ	5961-581-9700	1N816	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
154	6	PADZZ	5935-131-9696	4139024-11-04	81349	JACK, TIP	EA	1
154	7	PADZZ	5935-131-9681	4139024-11-02	81349	JACK, TIP	EA	1
154	8	PADZZ	5935-131-9693	4139024-11-03	81349	JACK, TIP	EA	1
154	9	PADZZ	5950-921-3411	145590537-61	96906	COIL, RADIO, FREQUENCY	EA	1
154	10	PADZZ	5935-260-3333	SM-D-2017423-12	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
154	11	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	3
154	12	PADZZ	5961-022-5670	2N3439	81349	TRANSISTOR	EA	2
154	13	PADZZ	5961-050-7499	2N2219A	81349	TRANSISTOR	EA	2
154	14	PADZZ	5961-226-8579	2N030	81349	TRANSISTOR	EA	1
154	15	PADZZ	5905-068-1538	RN60D2611F	81349	RESISTOR, FIXED, FILM	EA	2
154	16	PADZZ	5905-192-3876	RI60D1503F	81349	RESISTOR, FIXED, FILM	EA	2
154	17	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	4
154	18	PADZZ	5905-581-0102	RN80B1132F	81349	RESISTOR, FIXED, FILM	EA	2
154	19	PADZZ	5905-153-0240	RN65D3013F	81349	RESISTOR, FIXED, FILM	EA	1
154	20	PADZZ	5905-189-2467	RN60D3011F	81349	RESISTOR, FIXED, FILM	EA	2
154	21	PADZZ	5905-763-8285	RN60D1300F	81349	RESISTOR, FIXED, FILM	EA	1
154	22	PADZZ	5905-988-2310	R160D100F	81349	RESISTOR, FIXED, FILM	EA	1
154	23	PADZZ	5905-142-0910	RN60D2000F	81349	RESISTOR, FIXED, FILM	EA	1



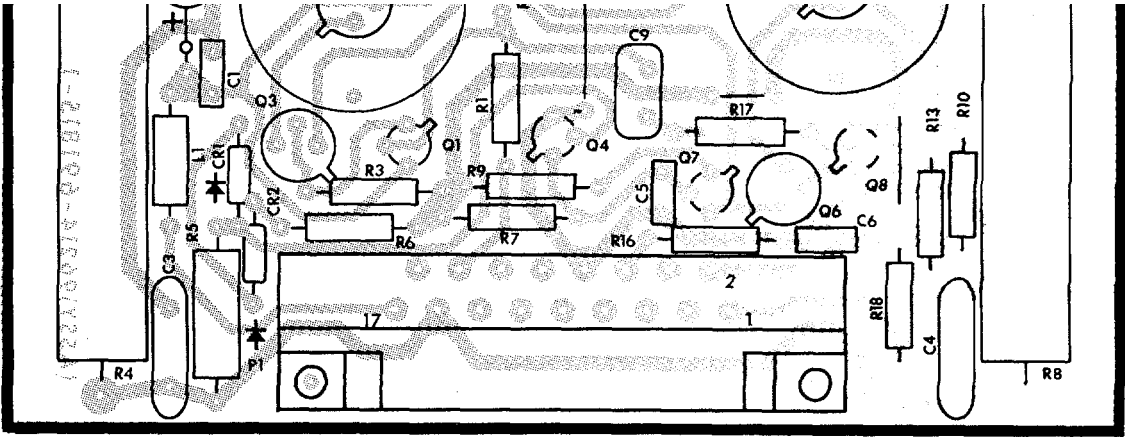
DESIG ITEM DESIG ITEM DESIG ITEM

C1	1	CR7	7	Q5	17
C2	1	CR8	7	Q6	16
C3	1	CR9	7	R1	20
C4	1	CR10	7	R2	20
C5	2	CR13	8	R3	21
C6	2	CR14	8	R4	22
C7	1	CR15	8	R5	20
C8	1	CR16	8	R6	21
C9	1	CR17	9	R7	23
C10	1	CR18	9	R8	24
C13	3	CR19	10	R9	25
C14	4	CR20	11	R10	26
C16	5	CR21	12	R11	27
C17	4	CR22	12	R12	28
C18	3	CR23	12	R13	29
C20	5	CR24	12	R14	30
C22	6	J1	13	R15	31
C23	6	J2	14	R16	32
C24	6	P1	15	R17	30
C25	6	Q1	16	R18	33
CR1	7	Q2	17	R19	34
CR2	7	Q3	18	R20	35
CR3	7	Q4	19	R21	35
CR4	7				

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE  
CIRCUIT PATTERN-DARK SHADING  
INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION  
PREFIX WITH 9A2A1A3

Figure 153. Power supply, calibration display indicator low voltage DC.



LEGEND	
BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.	
TRANSISTOR (Q)	

DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	P1	10	R5	19
C2	2	Q1	11	R6	20
C3	3	Q2	12	R7	20
C4	3	Q3	13	R8	18
C5	1	Q4	14	R9	21
C6	1	Q5	12	R10	17
C9	4	Q6	13	R11	17
CR1	5	Q7	11	R12	16
CR2	5	Q8	11	R13	15
J1	6	R1	15	R14	17
J2	7	R2	16	R16	22
J3	8	R3	17	R17	23
L1	9	R4	18	R18	22

- NOTE: UNLESS OTHERWISE SPECIFIED
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A2A1A4

EL5850-241-34P-TM-154

- NOTES: UNLESS OTHERWISE SPECIFIED
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A2A1A4

EL5850-241-34P-TM-154

Figure 154. Amplifier, calibration display indicator horizontal deflection.

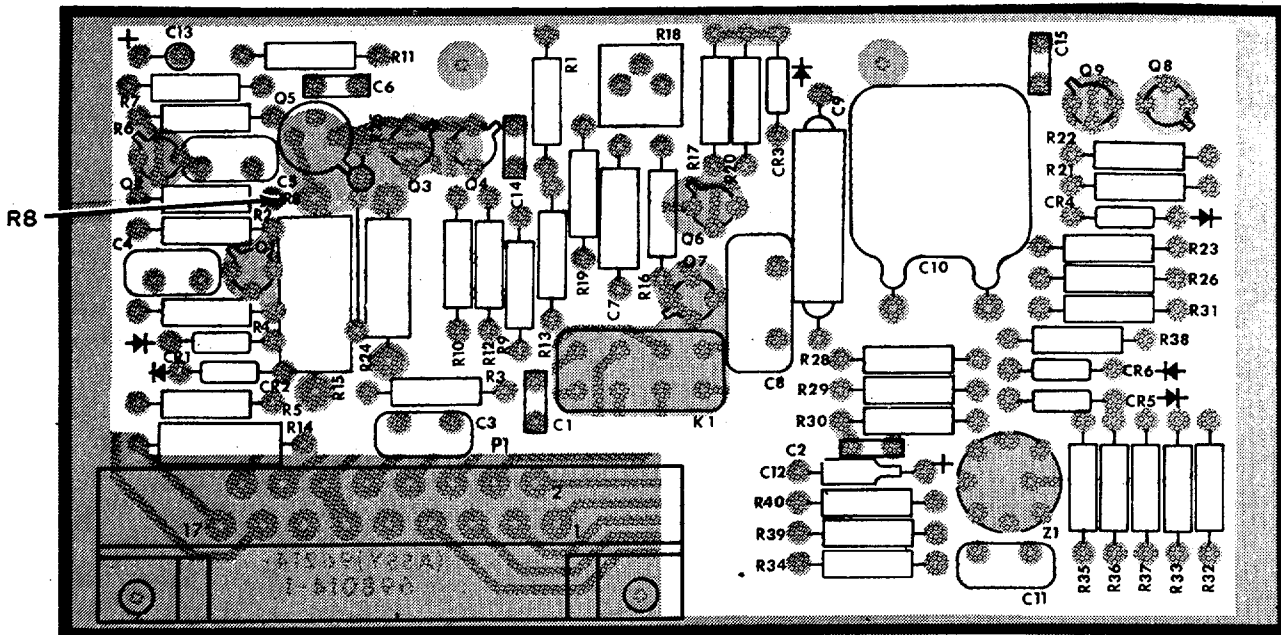


SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
						GROUP: 9APA1A5 GENERATOR, CALIBRATION DISPLAY  INDICATOR SWEFP		
155	1	PADZZ	5910-010-8718	CK06BY103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	3
155	2	PADZZ	5910-010-8666	CK05BX102K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
155	3	PADZZ	5910-487-8424	CM05FD391J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
155	4	PADZZ	5910-456-0800	CM05FD201J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
155	5	PADZZ	5910-113-5276	CK05BX471K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
155	6	PADZZ	5910-099-0541	CK13BY103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
155	7	PADZZ	5910-823-1349	CM06FD112J03	81340	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
155	8	PADZZ	5910-111-4910	SM-D-2017484-9	80063	CAPACITOR, FIXED, PLASTIC DIELECTRIC	EA	1
155	9	PADZZ	5910-777-6919	CH07FD103J03	81349	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
155	10	PADZZ	5910-460-1047	C105ED510J03	81349	CAPACITOR, FIXED, MICA DIFLCTRIC	EA	1
155	11	PADZZ	5910-236-8740	CSR13C475KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
155	12	PADZZ	5910-144-4379	CSR13E125KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
155	13	PADZZ	5910-114-0781	CK06BX392K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
155	14	PADZZ	5961-842-9864	1N914	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
155	15	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	2
155	16	PADZZ	5961-847-5246	1N746A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
155	17	PADZZ	5945-406-3076	SM-D-2017461-2	80063	RELAY, ARMATURE	EA	1
155	18	PADZZ	5935-175-8475	SM-D-2017423-13	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
155	19	PADZZ	5961-951-8757	2N2222A	81349	RESISTOR, FIXED, FILM TRANSISTOR	EA	4
155	20	PADZZ	5961-022-5670	2N3439	81349	TRANSISTOR	EA	1
155	21	PADZZ	5961-925-3777	2N2907A	81349	TRANSISTOR	EA	2
155	22	PADZZ	5961-121-4996	SM-D-2019493-1	80063	TRANSISTOR	EA	1
155	23	PADZZ	5961-226-8579	2N930	81349	TRANSISTOR	EA	1
155	24	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	2
155	25	PADZZ	5905-988-2313	RN60D1211F	81349	RESISTOR, FIXED, FILM	EA	5
155	26	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	5
155	27	PADZZ	5905-892-6578	RN60D1212F	81349	RESISTOR, FIXED, FILM	EA	1
155	28	PADZZ	5905-142-0903	RN60D1102F	81349	RESISTOR, FIXED, FILM	EA	3
155	29	PADZZ	5905-984-7681	RN60D2002F	81349	RESISTOR, FIXED, FILM	EA	1
155	30	PADZZ	5905-767-2581	RL32S103J	81349	RESISTOR, FIXED, FILM	EA	1
155	31	PADZZ	5905-952-1608	RL42S303G	81349	RESISTOR, FIXED, FILM	EA	1
155	32	PADZZ	5905-452-0773	RN60D8250F	81349	RESISTOR, FIXED, FILM	EA	1
155	33	PADZZ	5905-837-4776	RN60C1212F	81349	RESISTOR, FIXED, FILM	EA	1
155	34	PADZZ	5905-489-2159	RT24C2P103	81349	RESISTOR, VARIABLE	EA	1
155	35	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	1
155	36	PADZZ	5905-232-7808	RN60D82R5F	81349	RESISTOR, FIXED, FILM	EA	1
155	37	PADZZ	5905-142-0931	RN60D5111F	81349	RESISTOR, FIXED, FILM	EA	1
155	38	PADZZ	5905-763-6653	RN60D75R0F	81349	RESISTOR, FIXED, FILM	EA	1
155	39	PADZZ	5905-451-7534	RN60D7500F	81349	RESISTOR, FIXED, FILM	EA	1
155	40	PADZZ	5905-975-1243	RL32S184J	81349	RESISTOR, FIXED, FILM	EA	1
155	41	PADZZ	5905-774-8308	RL07S183G	81349	RESISTOR, FIXED, FILM	EA	1

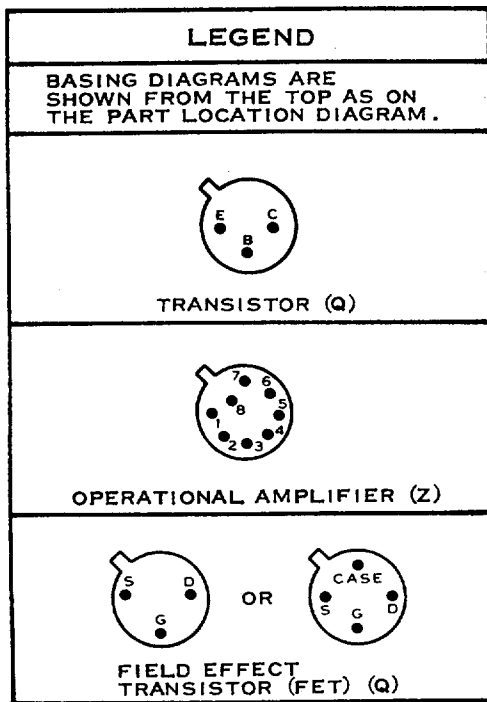
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
155	42	PADZZ	5905-006-5576	RN60D1302F	81349	RESISTOR, FIXED, FILM	EA	1
155	43	PADZZ	5905-732-3878	RN60D20R0F	R1349	RESISTOR, FIXED, FILM	EA	1
155	44	PADZZ	5905-025-5987	RN60D2491F	81349	RESISTOR, FIXED, FILM	EA	1
155	45	PADZZ	5905-451-7512	RII6OD4991F	81349	RESISTOR, FIXED, FILM	EA	2
155	46	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	2
155	47	PADZZ	5905-194-1695	RN60D4751F	81349	RESISTOR, FIXED, FILM	EA	1
155	48	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
155	49	PADZZ	5962-245-5325	SM-D-2017482-1	80063	INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER GROUP: 9A2P1A6 SUPPLY, CALIBRATION DISPLAY INDICATOR CATHODE-RAY TUBE BIAS	EA	1
156	1	PADZZ	5910-113-5499	CK6BXY104K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
156	2	PADZZ	5910-243-9283	SM-D-2019426-1	80063	CAPACITOR, FIXED, MICA DIELECTRIC	EA	1
156	3	PADZZ	5910-280-7a73	CK63AW103M	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
156	4	PADZZ	5910-005-3085	CU13CS220SP3	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
156	5	PADZZ	5961-022-5670	2N3479	81349	TRANSISTOR	EA	1
156	6	PADZZ	5905-189-2454	RN60D1004F	81349	RESISTOR, FIXED, FILM	EA	4
156	7	PADZZ	5905-138-1285	RN60D2001F	81349	RESISTOR, FIXED, FILM	EA	1
156	8	PADZZ		SM-D-2018686-4	80063	RESISTOR, FIXED, FILM	EA	1
156	9	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	1
156	10	PADZZ	5905-192-3458	RN60D6812F	81349	RESISTOR, FIXED, FILM	EA	1
156	11	PADZZ	5905-067-7434	RV6NAYSL104A	81349	RESISTOR, VARIABLE, COMPOSITION	EA	1
156	12	PADZZ	5905-195-6377	RN60D1502F	81349	RESISTOR, FIXED, FILM	EA	1
156	13	PADZZ	5905-140-3201	SM-D-2018686-2	80063	RESISTOR, FIXED, FILM	EA	1
156	14	PADZZ	5905-197-3172	RN60D2742F	81349	RESISTOR, FIXED, FILM	EA	1
156	15	PADZZ	5905-880-3653	RW79U51R1F	81349	RESISTOR, FIXED, WIREWOUND	EA	1
156	16	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	1
156	17	PADZZ	5905-581-1396	RV6NAYSL254A	81349	RESISTOR, VARIABLE, COMPOSITION GROUP: 9A2A1A7 CALIBRATION DISPLAY INDICATOR TUBE ASSEMBLY (SEE GROUP 9A2A1 FOR PARTS LISTING) GROUP: 9A2A2 BUILT-IN TEST CONTROL C-8181/AAS-24	EA	1
157	1	PAFDD	5850-403-0991	SM-D-2018282	80063	DIMMER, PANEL LAMP	EA	1
157	2	PAFDD	5850-409-8105	SM-D-2018285	80063	DRIVE, INDICATOR ASSEMBLY, FILM FOOT	EA	1
157	3	PAFZZ	5935-350-1827	SM-D-2017452-14	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
157	4	PAFZZ	5935-483-4105	SM-D-2017452-15	80063	CONNECTOR, PLUG, ELECTRICAL	EA	1
157	5	PAFZZ	5940-983-6046	37TB5	81349	TERMINAL BOARD	EA	1
157	6	PAFZZ	5935-976-5425	M24308-2-4	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
157	7	PAFZZ	5935-089-2097	MS53116F10-6S	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
157	8	PAFZZ	6680-463-3933	SM-C-2017437-1	80063	COUNTER, ELECTRIC FILM FOOTAGE	EA	1
157	9	PAFZZ	5930-685-0798	MS25089-1FR	96906	SWITCH, PUSH	EA	1
157	10	PAFZZ	5930-243-9346	MS517974-10	96906	SWITCH, PUSH	EA	1
157	11	PAFZZ	5930-914-6458	MS90310-231	96906	SWITCH, TOGGLE	EA	2



DESIG ITEM DESIG ITEM DESIG ITEM

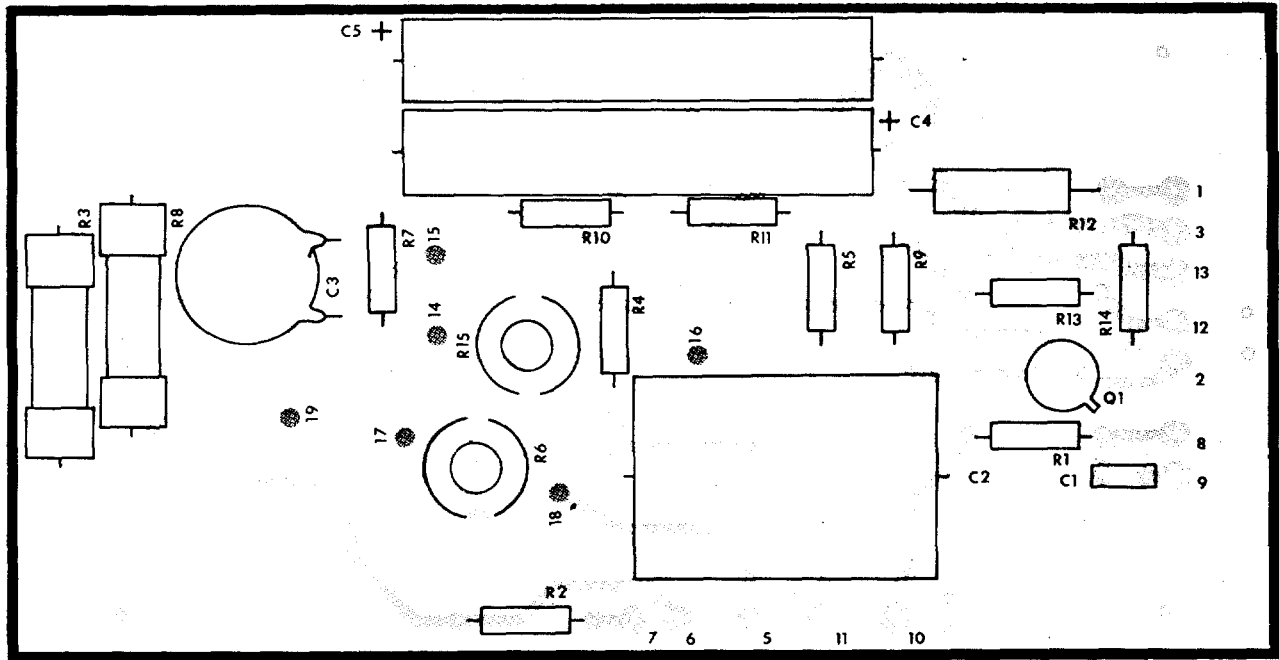
C1	1	Q2	19	R17	33
C2	1	Q3	19	R18	34
C3	2	Q4	19	R19	35
C4	3	Q5	20	R20	36
C5	4	Q6	21	R21	37
C6	5	Q7	22	R22	38
C7	6	Q8	23	R23	39
C8	7	Q9	21	R24	40
C9	8	R1	24	R25	41
C10	9	R2	25	R26	26
C11	10	R3	26	R28	42
C12	11	R4	26	R29	43
C13	12	R5	27	R30	44
C14	1	R6	28	R31	45
C15	13	R7	25	R32	24
CR1	14	R8	26	R33	45
CR2	15	R9	25	R34	46
CR3	16	R10	28	R35	47
CR4	15	R11	29	R36	25
CR5	14	R12	28	R37	48
CR6	14	R13	25	R38	46
K1	17	R14	30	R39	26
P1	18	R15	31	R40	48
Q1	19	R16	32	Z1	49



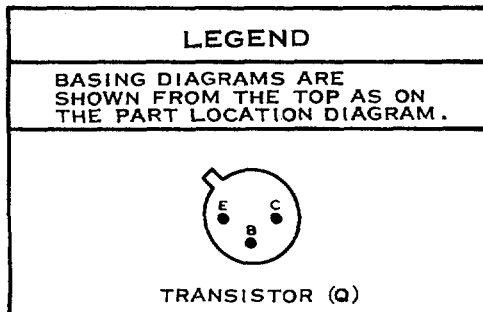
- NOTE: UNLESS OTHERWISE SPECIFIED**
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A2A1A5

EL5850-241-34P-TM-155

Figure 155. Generator, calibration display indicator sweep.



NOTE: UNLESS OTHERWISE SPECIFIED  
 1. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 9A2A1A6



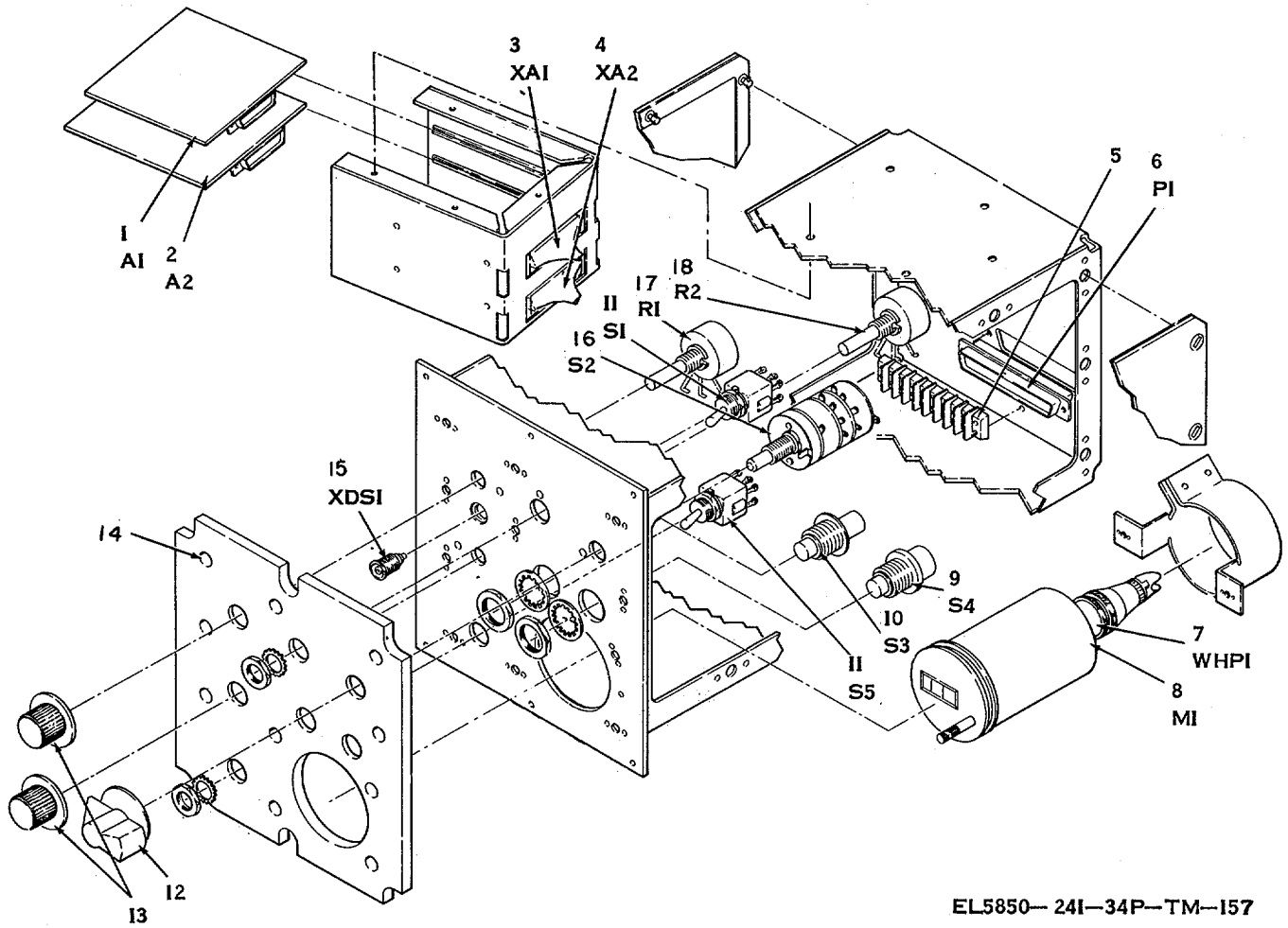
DESIG	ITEM	DESIG	ITEM	DESIG	ITEM
C1	1	R2	7	R9	14
C2	2	R3	8	R10	6
C3	3	R4	9	R11	6
C4	4	R5	10	R12	15
C5	4	R6	11	R13	6
Q1	5	R7	12	R14	16
R1	6	R8	13	R15	17

EL5850-241-34P-TM-156

Figure 156. Supply, calibration display indicator CRT bias.

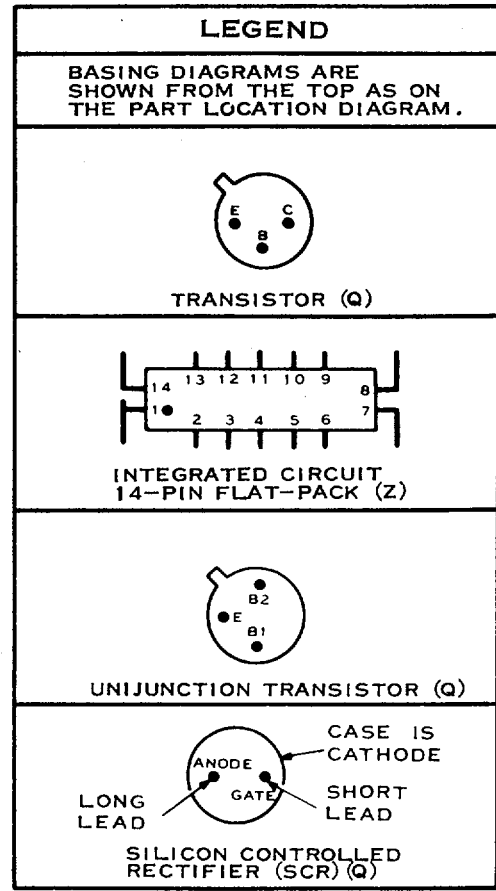
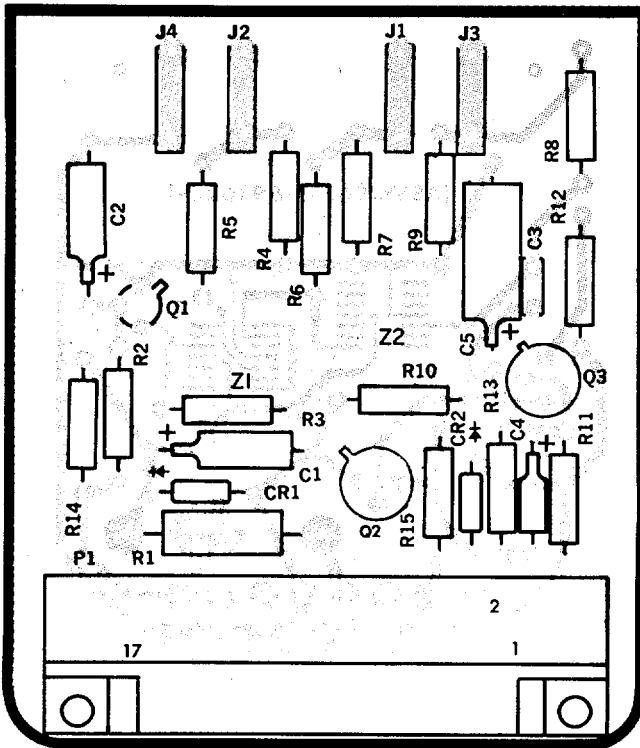
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION  USABLE ON CODE	(7) UNIT OF MEAS	(8) QTY INC IN UNIT
(A) FIG NO.	(B) ITEM NO.							
157	12	PADZZ	5355-689-7670	SM-D-2019203-1	96906	KNOB CONTROL	EA	1
157	13	PADZZ	5355-989-4269	MS91528-102B	96906	KNOB CONTROL	EA	2
157	14	PADZZ	5325-817-0510	MS25381-1	96906	GROMMET, MOUNTING	EA	12
157	15	PAFZZ	5935-917-0336	MS90335-1	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
157	16	PAFZZ	5930-192-6349	M3786-4-0051	81349	SWITCH, ROTARY	EA	1
157	17	PAFZZ	5905-232-2983	RV4NAYSD102A	81349	RESISTOR, VARIABLE, COMPOSITION	EA	1
157	18	PAFZZ	5905-556-3350	RV4NAYSD103A	81349	RESISTOR, VARIABLE, COMPOSITION GROUP : 9A2A2A1 DRIVER, FILM FOOTAGE INDICATOR	EA	1
158	1	PADZZ	5910-936-1332	CSR13F685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	2
158	2	PADZZ	5910-010-8666	CK05BX1003K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
158	3	PADZZ	5910-839-3991	CSR13G105KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
158	4	PADZZ	5910-068-3928	CSR13G685KL	81349	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
158	5	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
158	6	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
158	7	PADZZ	5935-131-9696	M39024-11-04	81349	JACK, TIP	EA	1
158	8	PADZZ	5935-131-9681	M39024-11-02	81349	JACK, TIP	EA	1
159	9	PADZZ	5935-131-9726	M39024-11-06	81349	JACK, TIP	EA	1
158	10	PADZZ	5935-131-9693	H39024-11-03	81349	JACK, TIP	EA	1
158	11	PADZZ	5935-260-3336	SM-D-2017423-14	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
158	12	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
158	13	PADZZ	5961-914-7576	2N2323	81349	TRANSISTOR	EA	1
158	14	PADZZ	5961-926-2569	2N491A	81349	TRANSISTOR	EA	1
158	15	PADZZ	5905-904-4375	RW79U4750F	81349	RESISTOR, FIXFD, WIREWOUND	EA	1
158	16	PADZZ	5905-137-0804	RN60D1003F	81349	RESISTOR, FIXED, FILM	EA	3
158	17	PADZZ	5905-983-6914	RN60D1002F	81349	RESISTOR, FIXED, FILM	EA	5
158	18	PADZZ	5905-192-3488	RN60D9092F	81349	RESISTOR, FIXED, FILM	EA	3
158	19	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	1
158	20	PADZZ	5905-988-2310	RN60D1000F	81349	RESISTOR, FIXED, FILM	EA	1
158	21	PADZZ	5905-763-9309	RN60D39R2F	81349	RESISTOR, FIXED, FILM	EA	1
158	22	PADZZ	5962-117-6075	SM-D-2017398-2	80063	INTEGRATED CIRCUIT, FLIP-FLOP GROUP: 9A2A2A2 DIMMER, PANEL LAMP	EA	2
159	1	PADZZ	5910-010-8718	CK06BX103K	81349	CAPACITOR, FIXED, CERAMIC DIELECTRIC	EA	1
159	2	PADZZ	5961-087-6047	1N645	81349	SEMICONDUCTOR DEVICE, DIODE	EA	3
159	3	PADZZ	5961-995-2310	1N752A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
159	4	PADZZ	5961-821-2309	1N751A	81349	SEMICONDUCTOR DEVICE, DIODE	EA	1
159	5	PAFZZ	5935-139-2667	UPCCSGM17AACF	81349	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
159	6	PADZZ	5961-951-8757	2N2222A	81349	TRANSISTOR	EA	1
159	7	PADZZ	5905-432-6410	RN60D1001F	81349	RESISTOR, FIXED, FILM	EA	2
159	8	PADZZ	5905-078-8293	RN60D1821F	81349	RESISTOR, FIXED, FILM	EA	3
159	9	PADZZ	5905-988-2309	RN60D10R0F	81349	RESISTOR, FIXED, FILM GROUP: 9A2A3 CABINET, ELECTRICAL EQUIPMENT CY-6666/AAS-24	EA	1
160	1	PAFZZ	5340-089-5245	SM-C-2017431-1	80063	MOUNT, RESILIENT	EA	6



EL5850-241-34P-TM-157

Figure 157. Built-in test control C-8181/AAS-24.



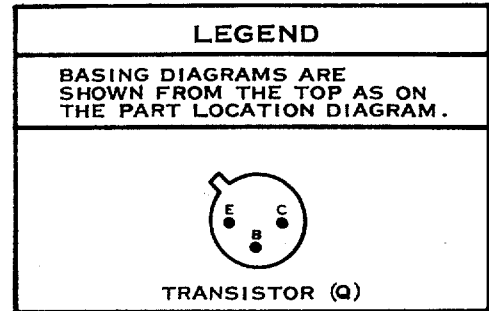
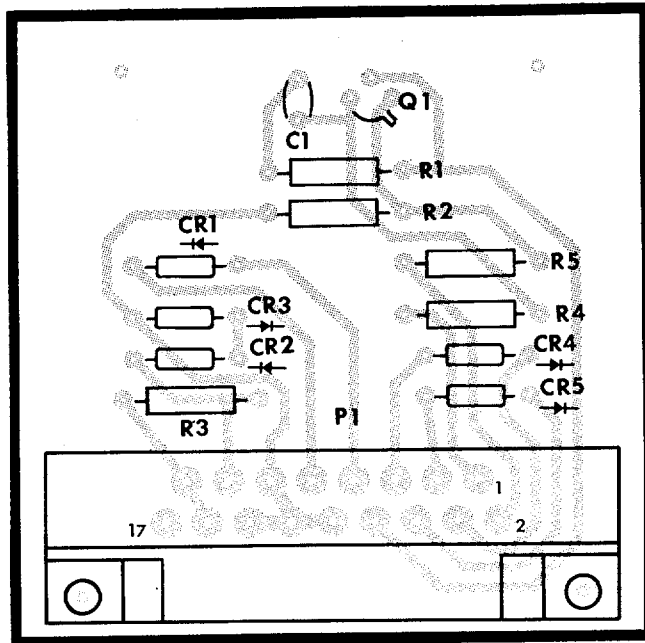
DESIG ITEM DESIG ITEM DESIG ITEM

C1	1	P1	11	R8	18
C2	1	Q1	12	R9	17
C3	2	Q2	13	R10	17
C4	3	Q3	14	R11	16
C5	4	R1	15	R12	19
CR1	5	R2	16	R13	20
CR2	6	R3	16	R14	17
J1	7	R4	17	R15	21
J2	8	R5	18	Z1	22
J3	9	R6	18	Z2	22
J4	10	R7	17		

- NOTE: UNLESS OTHERWISE SPECIFIED
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX 9A2A2A1

EL5850-241-34P-TM-158

Figure 158. Driver, film footage indicator.



- NOTE: UNLESS OTHERWISE SPECIFIED
1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
  2. FOR COMPLETE REFERENCE DESIGNATION PREFIX 9A2A2A2

DESIG ITEM DESIG ITEM

C1	1	Q1	6
CR1	2	R1	7
CR2	3	R2	7
CR3	4	R3	8
CR4	2	R4	9
CR5	2	R5	8
P1	5		

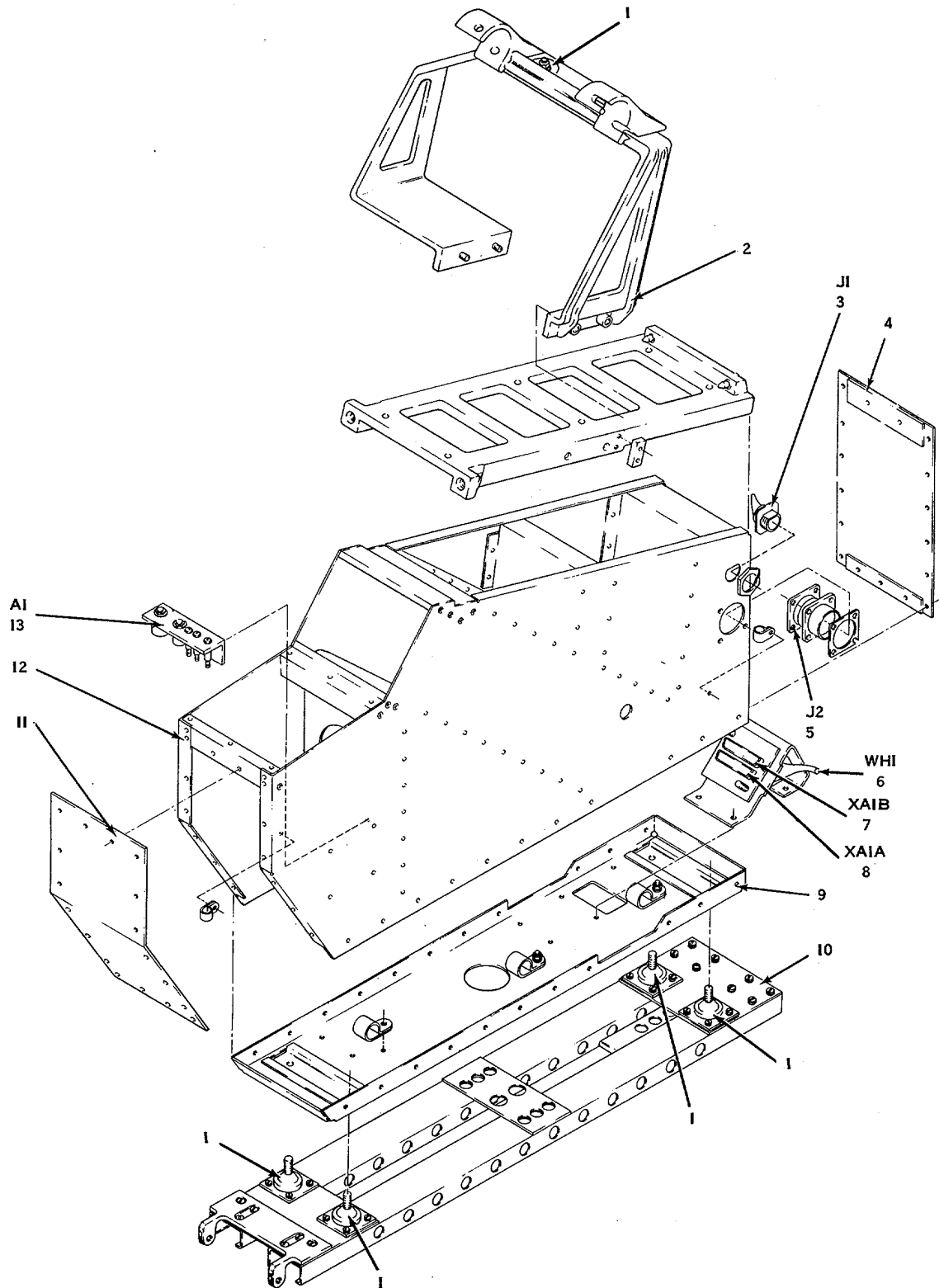
Figure 159. Dimmer, panel lamp.

EL5850-241-34P-TM-159



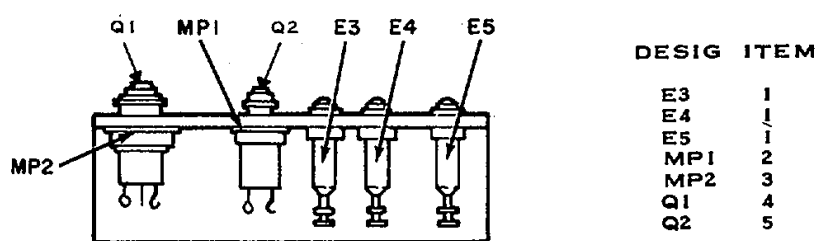
SECTION II REPAIR PARTS LIST (CONTINUED)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
160	2	XBFZZ		SM-E-2018268	80063	BRACE, SHOCK MOUNT	EA	1
160	3	PAFZZ	5935-880-4226	MS3124E14-19P	96906	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
160	4	XBFZZ		SM-D-2018242	80063	COVER, REAR	EA	1
160	5	PAFZZ	5935-225-2155	SM-D-2017433-17	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
160	6	ADFDD		SM-E-2018264	80063	WIRING HARNESS, ELECTRICAL EQUIPMENT	EA	1
160	7	PAFZZ	5935-947-9363	SM-D-2017388-4	80063	CONNECTOR, RFCEPTACLE, ELECTRICAL	EA	1
160	8	PAFZZ	5935-483-4026	SM-D-2017463-8	80063	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
160	9	AFFFD		SM-E-2019234	80063	BASE, CABINET, STFP NO. 2	EA	1
160	10	ARHHD		SM-E-2018248	80063	BASE, SHOCK MOUNT, CABINET	EA	1
160	11	XBFZZ		SM-D-2018245	80063	COVER, FRONT	EA	1
160	12	XBFZZ		SM-E-2018231	80063	HOUSING, CABINET	EA	1
160	13	AFFDD		SM-D-2018263	80063	COMPONENT ASSEMBLY, CABINET	EA	1
161	1	PAFZZ	5940-549-2744	SF201DO2	81349	TEPRINAL, STUD	EA	3
161	2	XBFZZ		SM-D-2018265	80063	BRACKET, ANGLE, TRANSISTOR ASSEMBLY	EA	1
161	3	XBFZZ	5961-104-0872	SI-C-2019476-1	80063	HEAT SINK	EA	1
161	4	PAFZZ	5961-256-8940	SM-D-2019593-1	80063	TRANSISTOR	EA	1
161	5	PAFZZ	5961-405-0465	SM-D-2019501-1	80063	TRANSISTOR	EA	1
162	1	PAFZZ	5340-143-0460	H64AA20	81860	GROUP 9A2A4 BASE, ELECTRICAL EQUIPMENT SHOCK MOUNT MT-4156/AAS-24 (SEE GROUP 9 FOR PARTS LISTING)	EA	4
162	2	PAFZZ	5340-883-2927	H64AA30	81860	GROUP 10 BASE SHOCK MOUNT MOUNT, SHOCK, RESILIENT	EA	2
163	1	PAFZZ		H64BA15	81860	GROUP 11 BASE SHOCK MOUNT MOUNT, SHOCK, RESILIENT	EA	1
163	2	PAFZZ		H64BA6	81860	MOUNT, SHOCK, RESILIENT	EA	1
163	3	PAFZZ		H64BA10	81860	MOUNT, SHOCK, RESILIENT	EA	2
163	4	PAOZZ		1288-234-03	81860	MOUNT, SHOCK, RESILIENT KNOB, ASSEMBLY	EA	4
164	1	PAOZZ		1288-234-03	81860	GROUP 12 BASE SHOCK MOUNT KNOB, ASSEMBLY	EA	2
164	2	PAFZZ		H44X02	81860	MOUNT, SHOCK, RESILIENT	EA	2
164	3	PAFZZ	5340-116-7758	H44AA6	81860	MOUNT, SHOCK, RESILIENT	EA	2
165	1	PADZZ	5935-165-0086	CG3750	76427	GROUP 13 BLANKET RECORDER GROUP MX-8539/AAS24 CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
165	2	PADZZ	5935-901-3325	MS3126F16-8P	96906	CONNECTOR, PLUG, ELECTRICAL	EA	1
165	3	PADZZ	5930-491-3863	GF52099	07294	SWITCH RADIO FREQUENCY INTERFERENCE TRANSIENT FREE	EA	1
165	4	PADZZ		C4344-192K9A	11416	THERMOSTAT	EA	1



EL5850-241-34P-TM-160

Figure 160. Cabinet, electrical equipment CY-6666/AAS-24



NOTE: UNLESS OTHERWISE SPECIFIED

1. FOR COMPLETE REFERENCE DESIGNATOR, PREFIX WITH 9A2A3A1

EL5850-241-34P-TM-161

Figure 161. Component tray assembly.

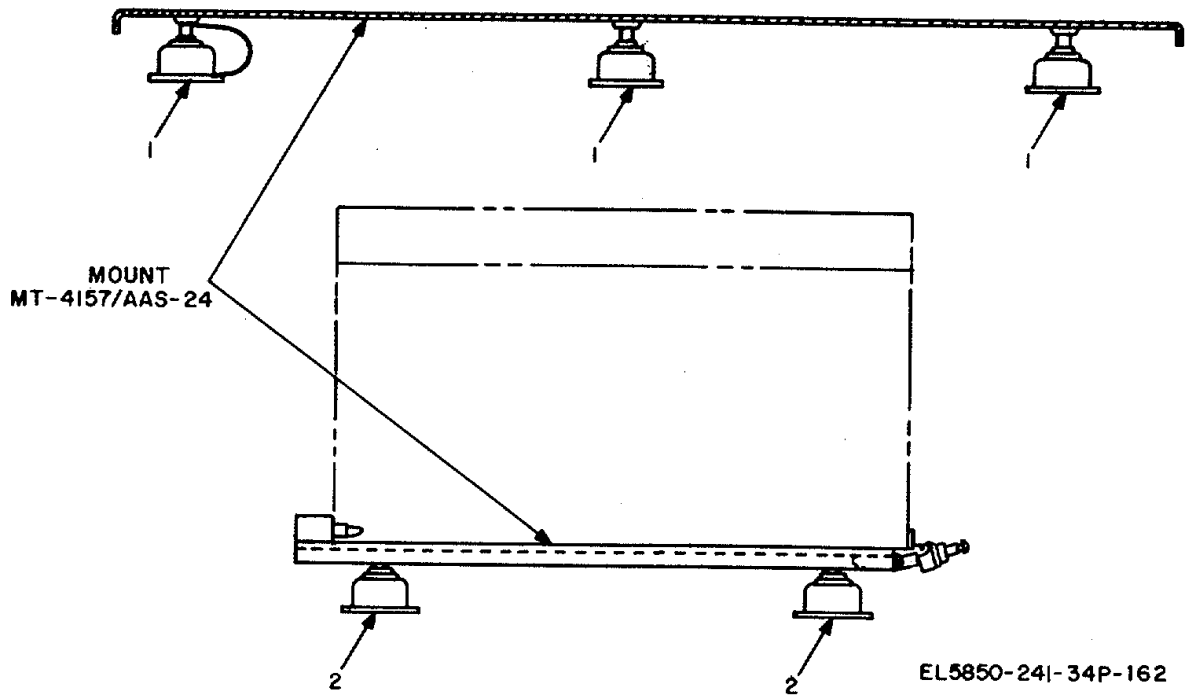


Figure 162. Base shock mount.

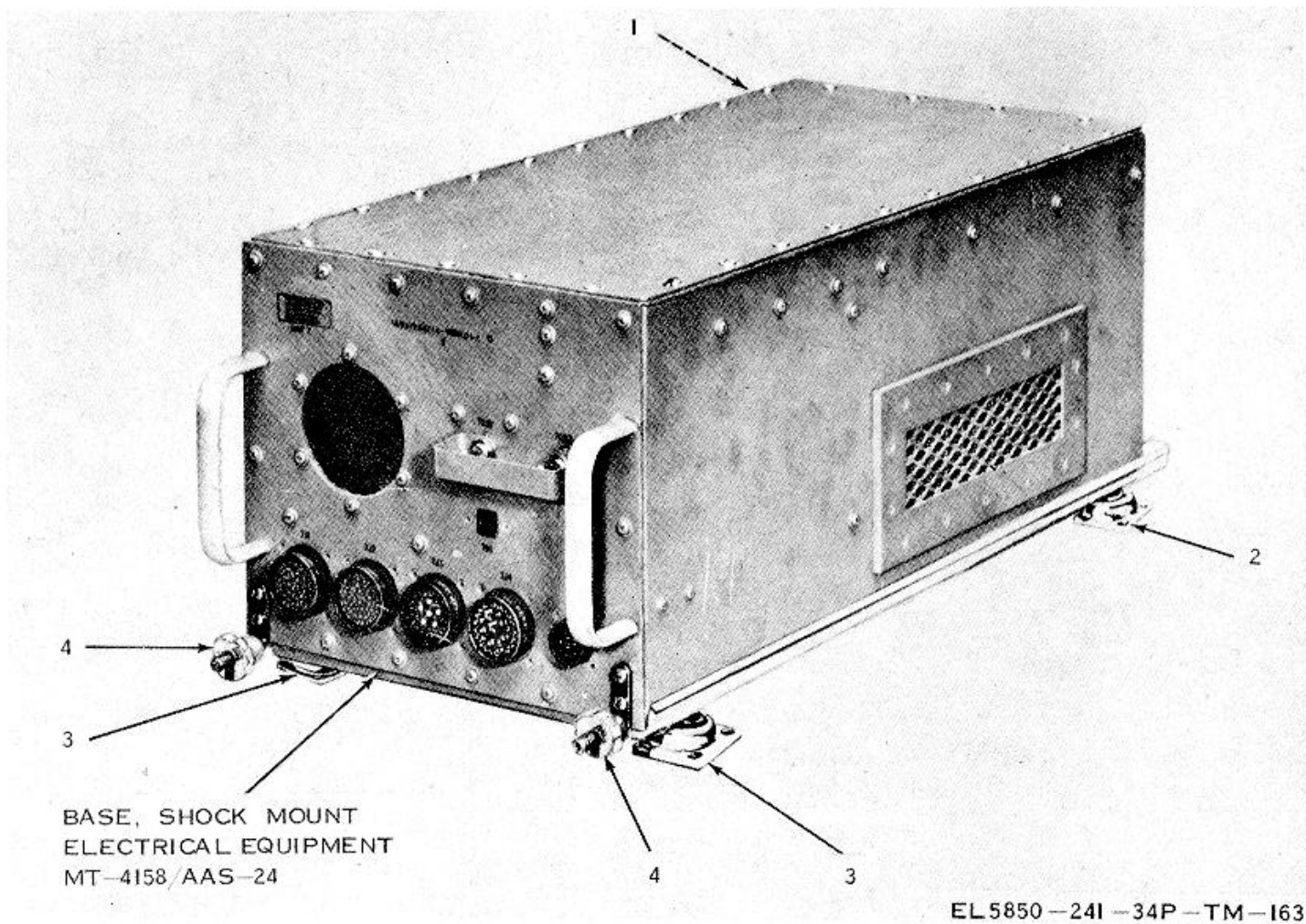


Figure 163. Base shock mount.

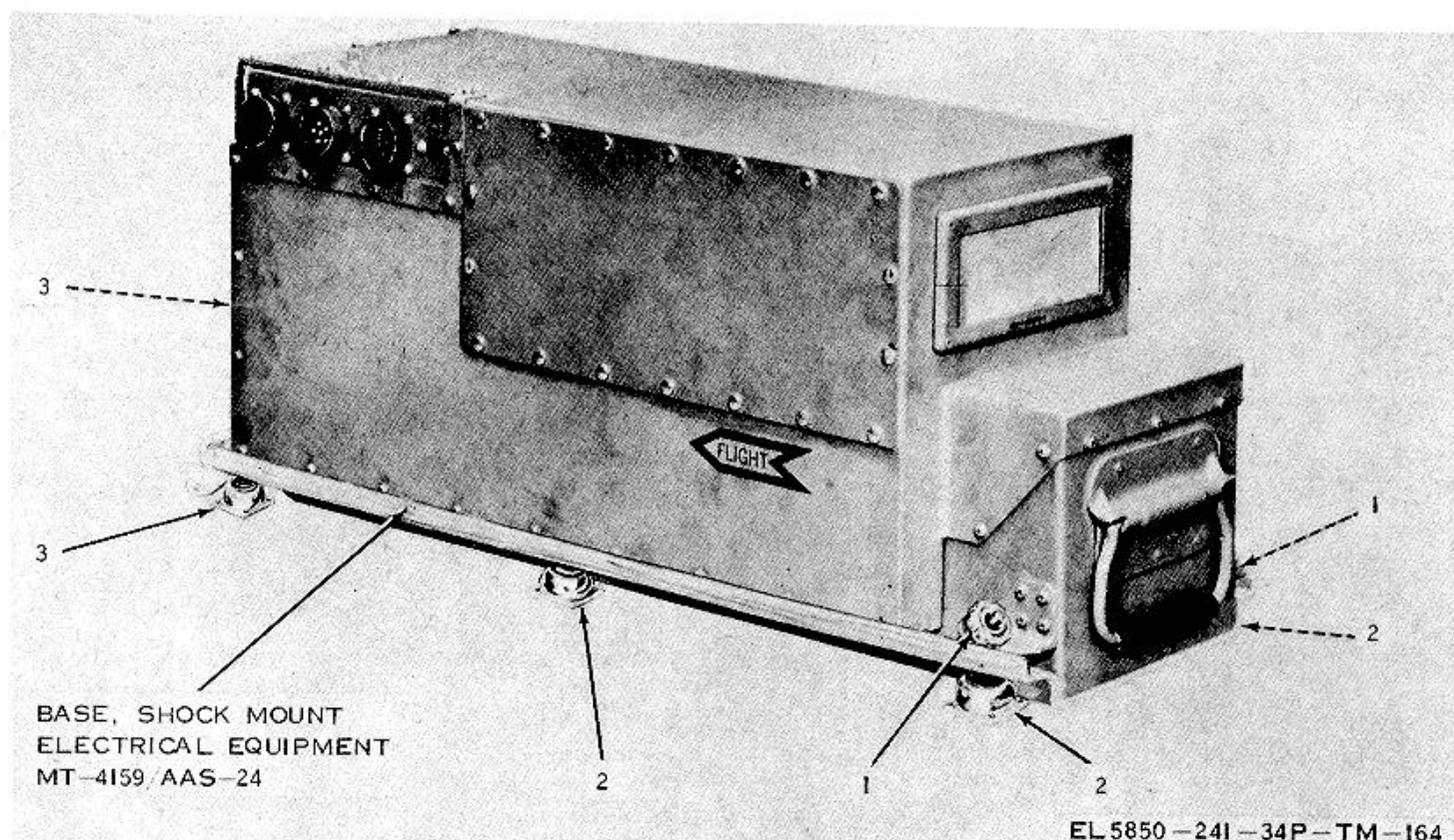


Figure 164. Base shock mount.

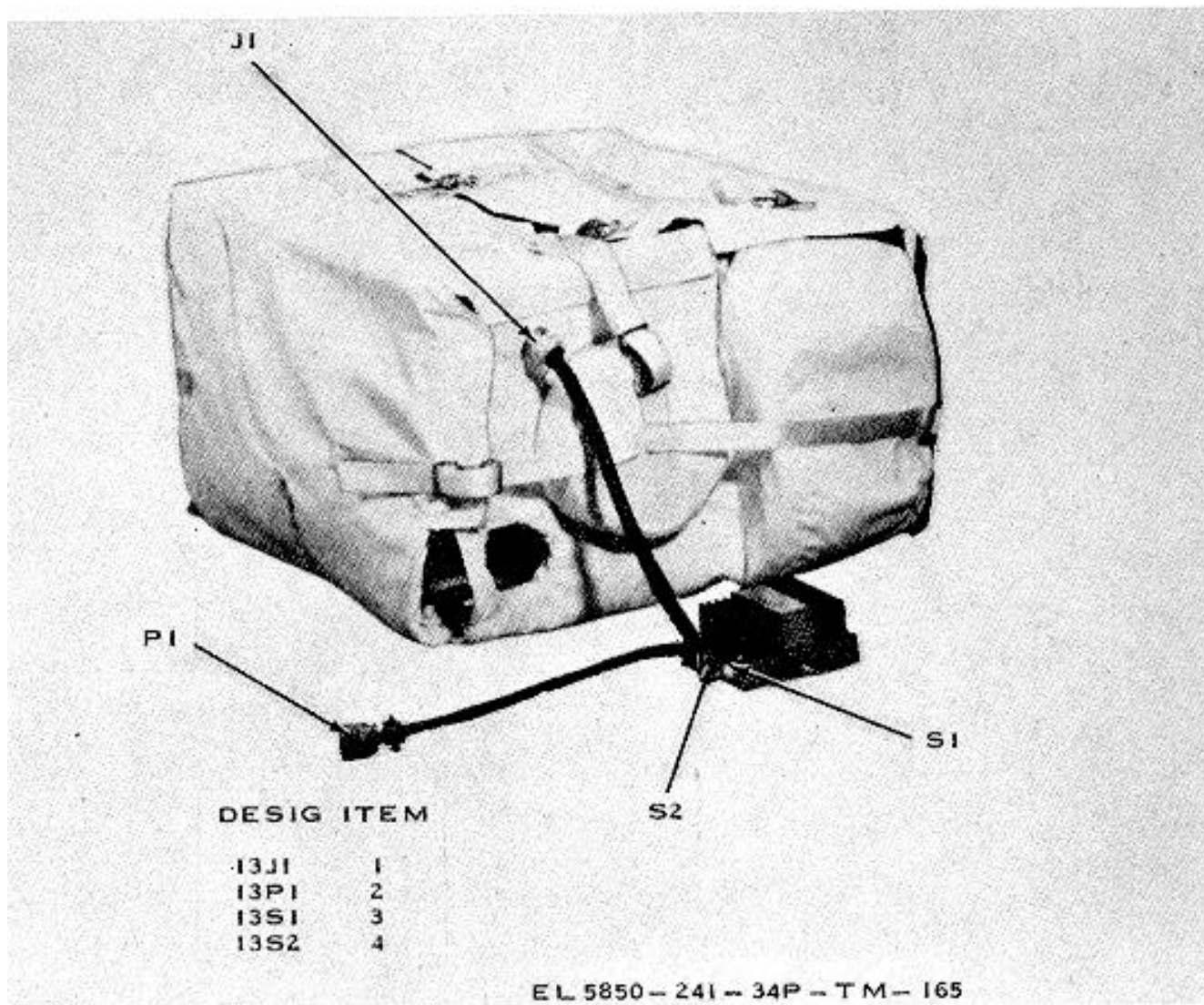
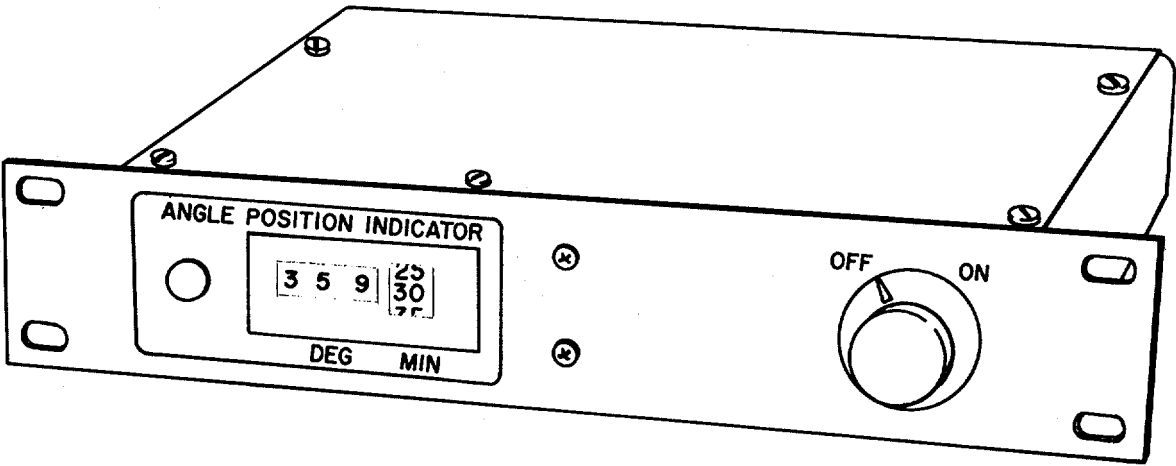


Figure 165. Blanket recorder group MX-8539/AAS-24.

SECTION III SPECIAL TOOLS LIST

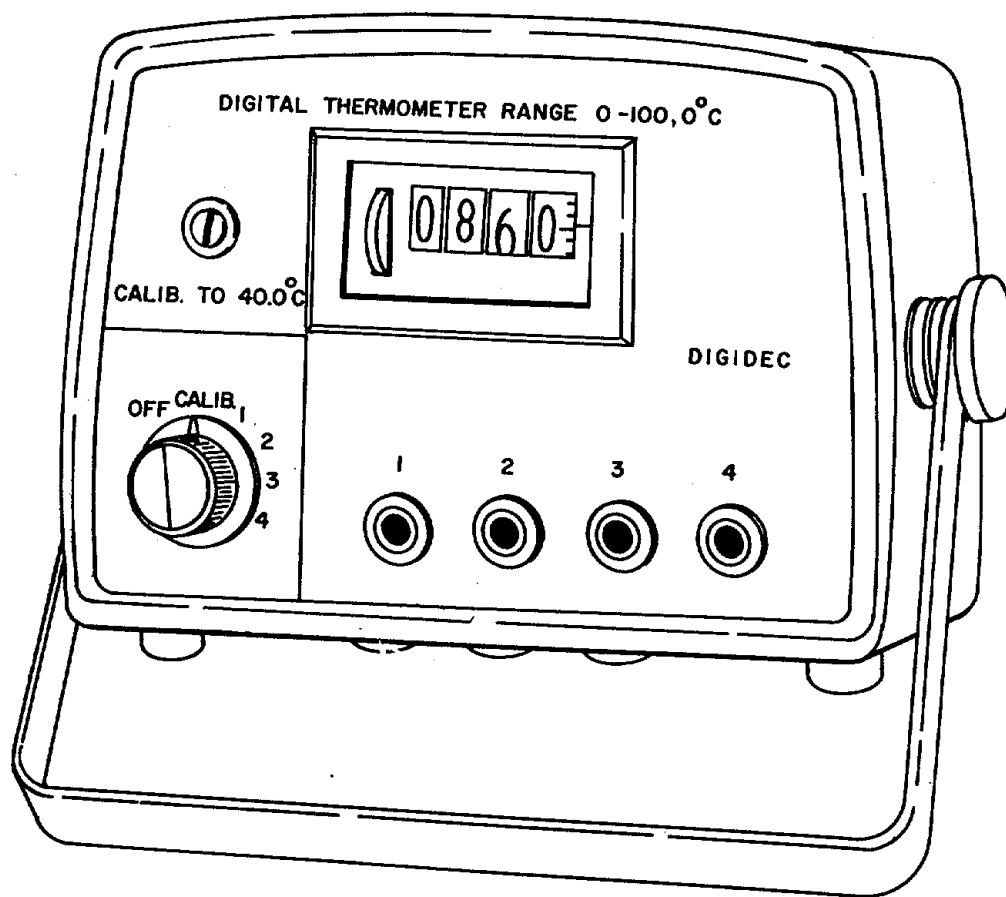
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO.	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION  USABLE ON CODE	UNIT OF MEAS	QTY INC IN UNIT
166		PDHDD	6625-422-2112	API-8025	07342	ANGLE POSITION INDICATOR, NORTH ATLANTIC MODEL API-8025 BOI 1 AUTH FOR EACH OV-1D DS/GS MAINT SUPPORT CO	EA	1
167		PRHDD	6685-128-2318	SO1	16152	DIGITAL UNITED SYSTEMS CORP DIGITEK MODEL 501 BOI: 1 AUTH FOR EACH OV-1D DS/GS MAINT SUPPORT CO	EA	1





EL5850-241-34P-TM-166

Figure 166. Angle position indicator, model API-8025.



EL5850-241-34P-TM- 167

Figure 167. Digital thermometer, model 501.

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

NOTE:

LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
3010-405-0418	57	17	4130-222-9127	19	46
3010-405-0419	62	93	4130-222-9128	19	70
3010-408-2645	62	68	4130-222-9132	19	41
3010-409-0918	2	69	4130-222-9134	19	40
3010-409-0918	40	53	4130-230-3764	137	11
3010-702-3013	21	14	4130-230-3766	137	12
3010-724-3082	62	70	4140-034-7482	77	17
3020-370-3095	64	33	4140-451-5069	104	1
3020-370-3096	64	2	4140-480-1248	40	51
3020-390-3126	64	40	4140-480-1248	102	8
3020-409-8084	62	71	4140-480-1248	140	52
3020-409-8085	62	90	4140-764-3838	3	1
3020-409-8086	62	33	4140-918-3762	150	15
3020-409-8087	20	4	4140-958-1250	104	27
3020-415-6326	57	21	4720-432-7286	77	46
3020-432-2270	64	26	4720-432-7287	77	43
3020-702-3693	21	8	4730-078-8345	19	14
3020-809-7641	57	12	4730-272-9076	77	44
3020-986-4217	21	5	4730-410-4522	77	45
3040-137-5876	62	12	4730-613-9862	77	42
3040-408-4935	62	69	4730-942-9180	19	19
3040-567-0518	64	3	4820-400-2194	19	15
3040-843-4388	21	41	4920-135-4846	2	63
3040-949-1713	64	34	5130-676-6147	64	21
3110-069-5597	62	50	5250-449-0582	150	2
3110-112-2906	62	14	5305-054-5649	57	20
3110-138-9960	2	61	5305-054-5651	57	34
3110-139-6897	20	27	5305-054-5652	64	30
3110-278-7332	57	4	5305-059-3664	2	75
3110-459-3987	62	64	5305-068-5276	21	10
3110-469-8254	19	63	5305-182-9265	21	1
3110-625-9243	21	6	5305-182-9459	20	10
3110-625-9243	57	18	5305-439-2737	19	26
3110-648-3224	21	16	5305-455-2498	20	7
3110-707-3737	20	28	5305-455-2507	20	17
3110-707-3737	62	32	5305-455-2508	58	6
3110-731-1718	62	63	5305-459-4687	20	19
3110-731-1718	64	14	5305-763-3356	21	22
3110-819-0571	62	23	5305-801-1290	2	21
3110-857-3673	62	77	5305-820-8387	59	11
3110-978-0851	41	1	5305-940-9442	19	7
3120-726-9254	64	51	5305-959-0379	58	4
4130-222-9097	77	1	5305-959-0382	21	38
4130-222-9098	77	2	5305-959-1082	41	15
4130-222-9101	77	22	5305-988-7602	2	31
4130-222-9104	77	7	5305-988-7602	19	34
4130-222-9106	19	80	5305-988-7605	2	44
4130-222-9107	19	84	5310-194-3648	21	20
4130-222-9108	19	65	5310-224-0746	20	13
4130-222-9110	19	67	5310-241-6832	40	14
4130-222-9113	77	11	3510-241-6832	140	45
4130-222-9114	77	4	5310-255-0507	20	14
4130-222-9115	77	3	5310-255-9805	22	15
4130-222-9116	77	18	5310-255-9805	65	25
4130-222-9119	77	19	5310-255-9830	40	26
4130-222-9123	77	21	5310-255-9830	65	26
4130-222-9124	77	20	5310-255-9830	140	46
4130-222-9125	77	26	5310-433-3599	22	18

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5310-469-8392	19	86	5330-776-4185	19	72
5310-550-3715	2	59	5330-993-4671	19	48
5310-595-6211	57	32	5340-020-9221	20	34
5310-687-6737	19	50	5340-020-9221	57	27
5310-713-0528	19	59	5340-082-4213	62	82
5310-782-1349	58	5	5340-089-5245	160	1
5310-782-1349	64	28	5340-116-7758	164	3
5310-857-4959	2	19	5340-143-0460	162	1
5310-871-9383	2	42	5340-263-5915	135	19
5310-880-5976	20	22	5340-282-6297	19	60
5310-880-5976	21	39	5340-298-6564	19	28
5310-880-5976	22	10	5340-298-6564	57	24
5310-929-6395	22	11	5340-298-6564	64	42
5310-933-8118	22	5	5340-304-4547	77	24
5310-933-8118	57	33	5340-429-0730	21	37
5310-933-8118	64	29	5340-471-3307	61	2
5310-933-8119	2	43	5340-598-0383	64	4
5310-933-8119	19	33	5340-721-8187	21	15
5310-933-8120	2	76	5340-729-6763	140	51
5310-934-9748	22	7	5340-783-4780	119	4
5310-934-9761	22	12	5340-807-5332	64	13
5310-938-2013	21	23	5340-808-7913	62	42
5315-234-7465	21	29	5340-825-2520	64	20
5315-460-5793	21	9	5340-875-5634	20	30
5315-460-5793	57	6	5340-883-2927	162	2
5315-571-0131	57	11	5340-947-6312	142	11
5315-616-5515	41	12	5340-952-0752	64	16
5315-728-9398	2	66	5340-969-6501	62	57
5315-734-5592	21	7	5340-985-6633	20	11
5315-754-1844	21	4	5340-985-6633	61	3
5315-913-0467	19	55	5340-985-6633	62	47
5315-951-6342	19	82	5340-985-6633	64	50
5325-074-3301	42	7	5345-490-5199	22	9
5325-074-3301	42	8	5355-057-7794	137	20
5325-174-5317	22	8	5355-484-8640	62	9
5325-174-5317	62	52	5355-689-7670	133	3
5325-174-9340	77	9	5355-689-7670	137	27
5325-185-0012	64	6	5355-689-7670	157	12
5325-817-0510	133	2	5355-762-1493	137	21
5325-817-0510	135	15	5355-877-8515	150	22
5325-817-0510	137	22	5355-989-4269	137	26
5325-817-0510	150	23	5355-989-4269	157	13
5325-817-0510	157	14	5360-298-6564	62	10
5330-021-4164	77	6	5360-405-4591	64	25
5330-157-5979	19	74	5360-405-4593	57	38
5330-256-7398	19	88	5360-426-1138	62	41
5330-281-2877	77	10	5360-431-6714	62	8
5330-431-8479	2	13	5360-445-5356	19	57
5330-469-6837	19	30	5360-445-5357	19	56
5330-469-8219	19	45	5360-469-8251	62	30
5330-469-8285	19	64	5360-469-8252	62	28
5330-469-8285	77	13	5361-411-4459	19	87
5330-469-8288	19	52	5440-727-4588	57	19
5330-469-8289	19	47	5595-480-5725	42	2
5330-469-8289	19	78	5841-106-8300	150	16
5330-469-8292	19	85	5845-968-0361	64	43
5330-469-8293	19	68	5850-099-9500	19	16
5330-776-4184	19	77	5850-110-3448	40	36

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5850-110-3449	41	6	5850-403-0991	157	1
5850-160-1699	78	32	5850-403-1008	125	1
5850-174-3486	19	10	5850-403-5818	3	9
5850-174-3505	2	55	5850-403-5818	42	17
5850-177-1243	2	12	5850-403-5819	3	11
5850-186-1172	104	22	5850-403-5820	140	37
5850-190-5225	19	11	5850-407-7048	78	27
5850-196-1195	62	83	5850-407-7049	3	3
5850-196-2763	140	3	5850-407-7050	42	18
5850-197-1761	3	2	5850-408-2586	3	10
5850-197-1762	119	9	5850-408-2587	3	8
5850-197-1763	20	16	5850-408-2588	3	5
5850-197-1763	40	43	5850-408-2588	42	12
5850-197-1764	16	2	5850-408-2589	3	12
5850-197-1766	65	12	5850-408-2590	78	42
5850-197-1767	78	1	5850-408-2592	62	81
5850-197-6321	78	17	5850-408-2594	26	4
5850-198-3065	104	21	5850-408-2597	26	17
5850-201-3533	64	17	5850-408-2599	3	13
5850-201-3537	62	3	5850-408-2647	2	24
5850-201-3627	19	54	5850-408-2648	2	70
5850-201-3629	19	90	5850-408-2650	38	4
5850-201-3634	77	5	5850-408-4989	140	6
5850-201-3637	19	32	5850-408-4990	119	24
5850-201-3639	19	76	5850-408-4993	19	6
5850-201-3640	19	89	5850-409-0642	78	8
5850-201-8844	19	93	5850-409-0905	150	10
5850-204-2694	2	18	5850-409-0906	127	5
5850-204-2722	62	40	5850-409-0907	24	3
5850-208-7576	64	23	5850-409-0912	21	36
5850-232-6360	26	24	5850-409-0913	19	4
5850-242-5728	104	16	5850-409-4078	78	23
5850-242-5731	104	14	5850-409-4079	78	24
5850-242-5732	104	15	5850-409-4080	78	46
5850-242-5741	78	36	5850-409-4081	78	21
5850-252-5715	20	8	5850-409-8088	26	13
5850-252-5715	58	8	5850-409-8089	26	6
5850-252-5716	20	20	5850-409-8090	26	9
5850-252-5716	58	7	5850-409-8091	26	2
5850-252-5733	78	19	5850-409-8092	62	34
5850-252-5737	2	25	5850-409-8093	62	80
5850-252-5738	2	79	5850-409-8094	49	13
5850-252-5738	41	18	5850-409-8095	42	16
5850-252-5739	62	35	5850-409-8096	62	45
5850-252-5741	40	4	5850-409-8097	42	14
5850-252-5742	2	1	5850-409-8098	26	15
5850-252-5754	49	15	5850-409-8099	26	11
5850-252-5755	26	21	5850-409-8100	3	4
5850-252-5756	49	9	5850-409-8100	42	11
5850-252-5757	26	19	5850-409-8101	16	1
5850-252-5758	49	11	5850-409-8102	104	8
5850-252-5759	49	12	5850-409-8103	140	4
5850-252-5760	49	14	5850-409-8104	133	15
5850-252-5761	49	10	5850-409-8105	157	2
5850-252-5762	2	2	5850-409-8106	78	30
5850-292-5738	104	12	5850-409-8107	135	5
5850-402-2227	1	11	5850-409-8108	104	7
5850-402-2228	1	10	5850-409-8109	3	7

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5850-409-8109	42	15	5850-466-0154	1	2
5850-409-8117	3	6	5850-466-0155	1	5
5850-409-8117	42	13	5850-466-2018	1	7
5850-409-9053	59	3	5850-466-2019	1	4
5850-431-0331	104	20	5850-477-9947	78	44
5850-431-0332	119	14	5850-477-9948	78	48
5850-431-0333	119	23	5850-477-9949	22	16
5850-431-0334	40	41	5850-477-9950	47	1
5850-431-0335	62	19	5850-477-9951	140	7
5850-431-0336	40	10	5850-481-3681	1	12
5850-431-0337	62	29	5850-492-6109	132	4
5850-431-0338	40	1	5850-762-4713	1	3
5850-431-0339	65	2	5851-252-5740	57	29
5850-431-0340	150	27	5855-126-6449	19	83
5850-433-2329	104	23	5855-126-6450	19	61
5850-433-2354	78	34	5855-126-6456	19	92
5850-449-0581	121	1	5855-126-6468	19	58
5850-449-0584	150	3	5855-126-6469	19	62
5850-449-0587	104	11	5855-126-6484	19	66
5850-449-0588	104	17	5855-126-6485	19	69
5850-449-0590	150	9	5855-127-1028	19	94
5850-449-0591	150	12	5855-127-1104	19	53
5850-449-0611	150	13	5855-127-8936	19	91
5850-449-0612	78	28	5855-127-8939	19	79
5850-449-0615	78	12	5855-408-2616	20	25
5850-449-0618	150	4	5855-491-7078	2	52
5850-449-0619	78	10	5855-491-7079	21	27
5850-449-0625	78	15	5855-491-9722	21	30
5850-449-0629	78	6	5855-491-9723	21	32
5850-449-0640	78	4	5855-491-9724	21	35
5850-449-0646	65	20	5895-855-7150	62	74
5850-449-0652	140	2	5895-924-4980	19	17
5850-449-0662	65	19	5895-946-2771	19	20
5850-449-0674	104	10	5905-003-5678	15	11
5850-449-0675	140	5	5905-003-5678	46	6
5850-449-0676	119	20	5905-004-6121	50	21
5850-449-0678	127	6	5905-006-5575	88	42
5850-449-0679	104	13	5905-006-5576	145	20
5850-449-0691	78	38	5905-006-5576	155	42
5850-449-0692	26	7	5905-006-6988	29	24
5850-449-0699	130	1	5905-006-6988	88	39
5850-449-0706	104	9	5905-006-6988	93	32
5850-449-0707	78	40	5905-006-6988	145	18
5850-460-3961	132	5	5905-006-6988	147	35
5850-460-3962	132	2	5905-025-5987	32	33
5850-460-3979	1	13	5905-025-5987	80	19
5850-460-3980	132	7	5905-025-5987	86	33
5850-460-3981	132	8	5905-025-5987	88	32
5850-460-3982	132	6	5905-025-5987	93	38
5850-460-3983	132	10	5905-025-5987	106	26
5850-460-3984	132	3	5905-025-5987	136	21
5850-460-3985	132	9	5905-025-5987	155	44
5850-460-3987	1	1	5905-025-5988	7	22
5850-460-7354	132	1	5905-025-5Q88	9	23
5850-465-1690	1	9	5905-025-5988	32	29
5850-465-6010	19	35	5905-025-5988	44	23
5850-466-0152	39	1	5905-025-5988	52	29
5850-466-0153	1	8	5905-025-5988	55	26

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-025-5988	67	16	5905-069-3917	56	40
5905-025-5988	90	28	5905-069-3917	67	25
5905-025-5988	93	43	5905-069-3917	93	40
5905-025-5988	99	32	5905-069-3917	95	24
5905-025-5988	105	36	5905-069-3917	101	12
5905-025-5988	108	31	5905-069-3917	108	22
5905-025-5988	141	31	5905-069-3917	114	33
5905-025-5988	151	22	5905-069-3917	115	34
5905-028-1832	83	24	5905-069-3917	122	21
5905-028-1832	147	29	5905-069-3917	145	32
5905-028-3027	148	42	5905-069-3917	146	34
5905-036-0778	105	33	5905-069-3926	85	37
5905-045-4182	18	23	5905-069-3926	108	24
5905-045-4182	50	25	5905-069-3926	143	44
5905-050-9538	8	32	5905-069-7564	83	35
5905-050-9538	27	37	5905-078-8293	12	26
5905-050-9538	28	29	5905-078-8293	23	20
5905-050-9538	52	34	5905-078-8293	93	37
5905-051-2143	30	20	5905-078-8293	105	46
5905-051-2143	53	16	5905-078-8293	108	17
5905-051-5557	84	14	5905-078-8293	114	35
5905-051-5557	146	25	5905-078-8293	115	36
5905-057-5842	67	14	5905-078-8293	159	8
5905-057-5842	71	24	5905-078-8365	9	25
5905-058-1770	88	40	5905-078-8365	12	30
5905-058-1770	139	2	5905-078-8365	27	30
5905-060-3731	148	36	5905-078-8365	51	41
5905-061-2089	153	23	5905-078-8365	54	41
5905-062-0151	85	42	5905-078-8365	86	27
5905-062-0151	100	26	5905-078-8365	109	23
5905-067-5576	56	35	5905-078-8365	110	20
5905-067-5576	98	31	5905-078-8365	111	23
5905-067-5576	99	33	5905-078-8365	115	27
5905-067-5576	144	29	5905-078-8365	141	38
5905-067-6473	105	49	5905-078-8365	143	29
5905-067-6473	147	40	5905-078-8365	145	24
5905-067-7434	156	11	5905-078-8365	146	21
5905-067-9079	105	35	5905-078-8365	147	48
5905-067-9079	147	31	5905-078-8365	152	11
5905-068-1538	154	15	5905-078-8802	37	10
5905-068-4287	18	22	5905-079-6336	13	29
5905-069-3913	27	42	5905-079-6336	14	24
5905-069-3913	29	17	5905-079-6336	28	43
5905-069-3913	32	22	5905-079-6336	51	37
5905-069-3913	34	20	5905-079-6336	52	26
5905-069-3913	51	32	5905-079-6336	63	14
5905-069-3913	86	37	5905-079-6336	67	21
5905-069-3913	89	31	5905-079-6336	83	31
5905-069-3913	98	40	5905-079-6336	87	41
5905-069-3913	114	39	5905-079-6336	90	26
5905-069-3913	115	40	5905-079-6336	95	21
5905-069-3913	122	14	5905-079-6336	99	28
5905-069-3913	129	20	5905-079-6336	112	21
5905-069-3913	143	37	5905-079-6336	113	28
5905-069-3913	144	38	5905-079-6336	152	10
5905-069-3913	145	38	5905-081-6137	153	20
5905-069-3917	43	28	5905-085-0138	118	27
5905-069-3917	51	34	5905-087-8525	98	34

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-087-8525	144	32	5905-137-0804	97	22
5905-092-4242	108	33	5905-137-0804	100	22
5905-099-0545	66	13	5905-137-0804	107	21
5905-099-0545	68	26	5905-137-0804	108	20
5905-099-0545	93	29	5905-137-0804	109	33
5905-099-0545	113	26	5905-137-0804	110	34
5905-101-2326	90	34	5905-137-0804	111	22
5905-103-7443	48	24	5905-137-0804	112	27
5905-104-0922	11	32	5905-137-0804	114	31
5905-104-0922	12	20	5905-137-0804	115	24
5905-104-0922	18	34	5905-137-0804	122	11
5905-104-0922	50	27	5905-137-0804	139	1
5905-104-0922	51	28	5905-137-0804	141	42
5905-104-0922	56	41	5905-137-0804	145	23
5905-104-0922	66	11	5905-137-0804	148	29
5905-104-0922	87	38	5905-137-0804	156	9
5905-104-0922	89	21	5905-137-0804	158	16
5905-104-0922	94	24	5905-137-0806	10	22
5905-104-0922	142	24	5905-137-0806	101	9
5905-104-0922	143	32	5905-137-0806	136	12
5905-104-0922	152	12	5905-138-1283	7	23
5905-110-0950	94	39	5905-138-1283	88	44
5905-112-0966	18	19	5905-138-1283	98	37
5905-112-0972	50	31	5905-138-1283	144	35
5905-112-1025	18	26	5905-138-1285	5	28
5905-112-1292	18	40	5905-138-1285	6	28
5905-112-1661	107	15	5905-138-1285	7	28
5905-112-1661	115	38	5950-138-1285	10	28
5905-112-7056	48	15	5905-138-1285	11	20
5905-112-7056	52	42	5905-138-1285	12	18
5905-112-7056	93	49	5905-138-1285	13	27
5905-112-7056	105	48	5905-138-1285	14	20
5905-112-7056	129	21	5905-138-1285	27	39
5905-112-7056	151	26	5905-138-1285	28	44
5905-114-3242	137	8	5905-138-1285	29	18
5905-114-3341	131	11	5905-138-1285	32	26
5905-114-4101	131	1	5905-138-1285	51	38
5905-121-9919	56	36	5905-138-1285	54	45
5905-137-0804	4	15	5905-138-1285	70	25
5905-137-0804	5	33	5905-138-1285	79	20
5905-137-0804	6	29	5905-138-1285	80	21
5905-137-0804	7	24	5905-138-1285	81	20
5905-137-0804	11	29	5905-138-1285	82	20
5905-137-0804	13	31	5905-138-1285	83	26
5905-137-0804	23	14	5905-138-1285	85	36
5905-137-0804	27	29	5905-138-1285	86	34
5905-137-0804	28	31	5905-138-1285	87	29
5905-137-0804	29	25	5905-138-1285	88	41
5905-137-0804	34	24	5905-138-1285	89	34
5905-137-0804	35	30	5905-138-1285	90	25
5905-137-0804	37	12	5905-138-1285	92	34
5905-137-0804	51	23	5905-138-1285	93	31
5905-137-0804	53	18	5905-138-1285	94	32
5905-137-0804	55	28	5905-138-1285	95	22
5905-137-0804	56	43	5905-138-1285	96	18
5905-137-0804	63	10	5905-138-1285	98	45
5905-137-0804	85	23	5905-138-1285	99	22
5905-137-0804	90	54	5905-138-1285	105	44



SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-138-1285	106	28	5905-142-0931	147	47
5905-138-1285	107	16	5905-142-0931	155	37
5905-138-1285	108	23	5905-147-0269	90	44
5905-138-1285	109	32	5905-147-4096	148	45
5905-138-1285	112	31	5905-153-0240	154	19
5905-138-1285	115	32	5905-153-4592	48	25
5905-138-1285	118	20	5905-158-5065	36	21
5905-138-1285	122	22	5905-159-6781	23	18
5905-138-1285	141	28	5905-159-6781	48	22
5905-138-1285	143	27	5905-163-7092	18	37
5905-138-1285	145	25	5905-165-3105	147	44
5905-138-1285	146	27	5905-165-3105	86	53
5905-138-1285	147	39	5905-173-1622	69	30
5905-138-1285	148	38	5905-173-1622	70	30
5905-138-1285	155	46	5905-173-1622	71	29
5905-138-1285	156	7	5905-175-8541	88	52
5905-139-9769	76	7	5905-176-2398	92	19
5905-139-9770	76	8	5905-177-7369	56	27
5905-140-3199	131	2	5905-177-7369	97	29
5905-140-3201	131	7	5905-177-7369	113	32
5905-140-3201	156	13	5905-184-7791	85	24
5905-140-3201	131	9	5905-184-7794	85	32
5905-140-6133	116	5	5905-184-7794	87	37
5905-140-6159	114	36	5905-184-7794	146	31
5905-140-6159	115	42	5905-184-7794	148	44
5905-141-0678	118	25	5905-186-2283	11	38
5905-142-0903	52	41	5905-189-2454	11	26
5905-142-0903	66	19	5905-189-2454	79	17
5905-142-0903	80	18	5905-189-2454	85	33
5905-142-0903	90	55	5905-189-2454	86	32
5905-142-0903	109	35	5905-189-2454	89	29
5905-142-0903	110	35	5905-189-2454	90	31
5905-142-0903	111	34	5905-189-2454	98	46
5905-142-0903	145	39	5905-189-2454	103	7
5905-142-0903	155	28	5905-189-2454	107	33
5905-142-0931	10	27	5905-189-2454	108	34
5905-142-0931	11	24	5905-189-2454	114	29
5905-142-0931	12	21	5905-189-2454	115	26
5905-142-0931	13	28	5905-189-2454	129	15
5905-142-0931	14	23	5905-189-2454	131	3
5905-142-0931	27	41	5905-189-2454	145	26
5905-142-0931	28	28	5905-189-2454	149	5
5905-142-0931	29	21	5905-189-2454	153	21
5905-142-0931	32	28	5905-189-2454	155	35
5905-142-0931	33	25	5905-189-2454	156	6
5950-142-0931	36	26	5905-189-2456	67	24
5905-142-0931	51	20	5905-189-2456	95	17
9505-142-0931	55	30	5905-189-2456	115	37
5905-142-0931	56	34	5905-189-2456	131	8
5905-142-0931	91	11	5905-189-2467	5	23
5905-142-0931	94	25	5905-189-2467	6	21
5905-142-0931	97	23	5905-189-2467	23	19
5905-142-0931	107	23	5905-189-2467	32	20
5905-142-0931	108	21	5905-189-2467	34	18
5905-142-0931	109	24	5905-189-2467	35	33
5905-142-0931	110	21	5905-189-2467	45	17
5905-142-0931	111	24	5905-189-2467	66	18
5905-142-0931	145	27	5905-189-2467	71	25

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-189-2467	79	24	5905-192-3479	93	23
5905-189-2467	83	30	5905-192-3479	95	27
5905-189-2467	90	45	5905-192-3479	105	39
5905-189-2467	94	27	5905-192-3479	112	24
5905-189-2467	97	19	5950-192-3479	136	17
5905-189-2467	148	41	5905-192-3479	141	36
5905-189-2467	151	23	5905-192-3479	142	25
5905-189-2467	154	20	5905-192-3479	144	39
5905-189-2472	151	18	5905-192-3479	146	35
5905-189-2474	5	37	5905-192-3488	12	24
5905-189-2474	6	31	5905-192-3488	17	16
5905-189-2474	8	27	5905-192-3488	28	40
5905-189-2.474	12	31	5905-192-3488	30	23
5905-189-2474	36	23	5905-192-3488	31	15
5905-189-2474	55	29	5905-192-3488	52	21
5905-189-2474	92	31	5905-192-3488	53	15
5905-189-2474	93	30	5905-192-3488	56	26
5905-189-2474	95	20	5905-192-3488	67	27
5905-189-2474	96	13	5905-192-3488	68	22
5905-189-2474	145	33	5905-192-3488	69	25
5905-189-2477	8	25	5905-192-3488	70	2
5905-189-2477	43	24	5905-192-3488	71	26
5905-189-2477	44	26	5905-192-3488	158	18
5905-189-24581	51	30	5905-912-3876	8	28
5905-189-2481	52	31	5905-192-3876	52	39
5905-189-2481	54	31	5905-192-3876	54	39
5905-192-3458	13	35	5905-192-3876	85	21
5905-192-3458	35	29	5905-192-3876	93	45
5905-192-3458	63	12	5905-192-3876	105	42
5905-192-3458	72	8	5905-192-3876	107	20
5905-192-3458	90	36	5905-192-3876	108	26
5905-192-3458	145	17	5905-192-3876	110	29
5905-192-3458	156	10	5905-192-3876	154	16
5905-192-3479	4	20	5905-192-3880	80	26
5905-192-3479	5	35	5905-192-3880	142	16
5905-192-3479	6	35	5905-192-3880	146	22
5905-192-3479	7	21	5905-192-3880	147	34
5905-192-3479	8	24	5905-192-3880	148	32
5905-192-3479	9	20	5905-194-1694	10	18
5905-192-3479	10	24	5905-194-1695	4	16
5905-192-3479	11	27	5905-194-1695	51	27
5905-192-3479	12	29	5905-194-1695	54	42
5905-192-3479	28	47	5905-194-1695	89	33
5905-192-3479	32	27	5905-194-1695	90	32
5905-192-3479	35	20	5905-194-1695	99	25
5905-192-3479	36	27	5905-194-1695	100	21
5905-192-3479	43	19	5905-194-1695	105	31
5905-192-3479	44	20	5905-194-1695	107	19
5905-192-3479	45	18	5905-194-1695	108	27
5905-192-3479	51	36	5905-194-1695	113	31
5905-192-3479	56	38	5905-194-1695	114	34
5905-192-3479	66	16	5905-194-1695	115	33
5905-192-3479	68	18	5905-194-1695	155	47
5905-192-3479	69	20	5905-194-2324	53	19
5905-192-3479	70	20	5905-194-2324	90	48
5905-192-3479	71	21	5905-194-2324	126	14
5905-192-3479	87	42	5905-194-2324	131	6
5905-192-3479	89	32	5905-194-8406	147	26

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-195-6379	7	29	5905-208-3800	98	25
5905-195-6379	7	29	5905-208-3800	98	25
5905-195-6379	9	18	5905-208-3800	99	34
5905-195-6379	11	19	5905-208-3800	100	27
5905-195-6379	17	15	5905-208-3800	101	13
5905-195-6379	34	23	5905-208-3800	105	29
5905-195-6379	88	50	5905-208-3800	109	22
5905-195-6379	93	41	5905-208-3800	112	23
5905-195-6379	95	26	5905-208-3800	113	30
5905-195-6379	98	44	5905-208-3800	114	28
5905-195-6379	112	28	5905-208-3800	128	15
5905-195-6379	141	39	5905-208-3800	136	19
5905-195-6384	12	25	5905-208-3800	144	24
5905-195-6384	30	21	5905-208-4786	34	27
5905-195-6384	37	8	5905-211-0230	4	22
5905-195-6384	56	31	5905-211-0230	8	33
5905-195-6384	67	17	5905-211-0230	10	33
5905-195-6384	79	18	5905-211-0230	28	24
5905-195-6384	90	42	5905-211-0230	34	21
5905-195-6384	97	26	5905-211-0230	51	39
5905-195-6384	110	30	5905-211-0230	71	31
5905-195-6404	6	33	5905-211-0230	88	37
5905-195-6404	9	16	5905-211-0230	90	39
5905-195-6404	88	47	5905-211-0230	91	13
5905-195-6404	91	8	5905-211-0230	94	21
5905-195-6404	92	29	5905-211-0230	141	35
5905-195-6404	108	28	5905-211-0230	148	47
5905-196-1020	28	33	5905-214-2927	10	34
5905-196-1020	43	25	5905-214-2927	85	34
5905-196-1020	68	29	5905-214-2927	133	8
5905-196-1020	69	29	5905-214-2927	145	34
5905-196-1020	70	29	5905-214-2927	152	9
5905-196-1020	71	32	5905-225-4028	18	18
5905-196-1020	81	24	5905-227-4955	50	28
5905-196-1020	82	24	5905-227-5072	10	32
5905-196-1020	143	39	5905-227-5072	67	19
5905-197-3172	10	17	5905-227-5072	94	30
5905-197-3172	23	21	5905-227-5072	153	32
5905-197-3172	38	10	5905-227-5074	152	8
5905-197-3172	44	16	5905-232-2983	137	7
5905-197-3172	54	27	5905-232-2983	157	17
5905-197-3172	67	23	5905-232-7791	5	34
5905-197-3172	90	41	5905-232-7791	27	28
5905-197-3172	105	52	5905-232-7791	29	15
5905-197-3172	110	23	5905-232-7791	51	19
5905-197-3172	156	14	5905-232-7791	66	21
5905-200-9294	107	29	5905-232-7791	70	32
5905-200-9294	131	12	5905-232-7791	83	34
5905-200-9602	27	32	5905-232-7791	88	46
5905-200-9602	29	14	5905-232-7791	106	24
5905-200-9602	99	39	5905-232-7791	115	45
5905-208-3800	10	30	5905-232-7791	118	22
5905-208-3800	28	41	5905-232-7791	128	19
5905-208-3800	54	40	5905-232-7791	139	5
5905-208-3800	55	32	5905-232-7791	145	35
5905-208-3800	63	11	5905-232-7791	148	34
5905-208-3800	87	33	5905-232-7791	151	24
5905-208-3800	90	49	5905-232-7808	92	18
5905-208-3800	92	30	5905-232-7808	93	21

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-232-7808	105	27	5905-402-0945	89	22
5905-232-7808	147	28	5905-403-3127	7	25
5905-232-7808	155	36	5905-403-3168	7	30
5905-233-7141	8	26	5905-404-8782	88	36
5905-233-7141	34	25	5905-405-0955	83	32
5905-233-7141	51	22	5905-407-2160	86	31
5905-233-7141	52	28	5905-408-9332	151	21
5905-233-7141	67	11	5905-409-7252	81	23
5905-233-7141	83	29	5905-409-7252	82	23
5905-233-7141	99	29	5905-412-0824	118	23
5905-233-7141	105	51	5905-412-3759	137	5
5905-233-7141	107	17	5905-415-6002	50	24
5905-233-7141	108	32	5905-419-5262	110	31
5905-233-7141	112	20	5905-420-7107	149	14
5905-233-7141	113	21	5905-421-8918	19	13
5905-233-7141	122	18	5905-424-9312	84	19
5905-233-7141	128	11	5905-424-9312	93	28
5905-233-7141	129	22	5905-432-0380	18	31
5905-233-7141	148	48	5905-432-0380	50	33
5905-240-3012	149	26	5905-432-0381	18	29
5905-242-2040	86	43	5905-432-0381	50	26
5905-242-2041	86	52	5905-432-0422	18	25
5905-242-2047	86	44	5905-432-0422	50	29
5905-242-2048	86	45	5905-432-0431	18	35
5905-243-2199	50	17	5905-432-0432	18	21
5905-243-5622	52	25	5905-432-0467	35	35
5905-243-5622	54	48	5905-432-0467	54	49
5905-243-5622	63	17	5905-432-0467	148	46
5905-243-5622	88	45	5905-432-0468	23	15
5905-243-5622	94	29	5905-432-0468	86	55
5905-243-5622	109	31	5905-432-2480	149	21
5905-243-5622	110	28	5905-432-6373	50	22
5905-243-5622	111	32	5905-432-6388	18	32
5905-243-5622	145	29	5905-432-6388	50	18
5905-251-7581	5	36	5905-432-6410	4	21
5905-251-7581	6	30	5905-432-6410	5	22
5905-251-7581	54	46	5905-432-6410	6	20
5905-251-7581	86	36	5905-432-6410	7	20
5905-251-7581	153	30	5905-432-6410	8	23
5905-252-4003	67	28	5905-432-6410	9	22
5905-252-4003	68	20	5905-432-6410	10	25
5905-255-3664	92	21	5905-432-6410	11	28
5905-255-3664	93	25	5905-432-6410	12	19
5905-255-3664	105	41	5905-432-6410	13	32
5905-255-3664	106	23	5905-432-6410	14	28
5905-255-3664	147	33	5905-432-6410	23	17
5905-256-5067	7	31	5905-432-6410	27	36
5905-260-3349	79	23	5905-432-6410	28	34
5905-261-6518	107	25	5905-432-6410	29	23
5905-261-7693	48	17	5905-432-6410	32	25
5905-261-7693	71	33	5905-432-6410	33	26
5905-261-7693	83	28	5905-432-6410	34	26
5905-261-7693	93	27	5905-432-6410	35	21
5905-261-7693	94	22	5905-432-6410	36	25
5905-261-7693	143	31	5905-432-6410	38	9
5905-267-9312	72	14	5905-432-6410	43	20
5905-283-5123	140	79	5905-432-6410	44	22
5905-284-4959	79	30	5905-432-6410	45	19

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-432-6410	48	18	5905-432-6410	155	48
5905-432-6410	51	31	5905-432-6410	158	19
5905-432-6410	52	37	5905-432-6410	159	7
5905-432-6410	53	21	5905-432-6411	10	23
5905-432-6410	54	47	5905-432-6411	27	25
5905-432-6410	55	25	5905-432-6411	34	17
5905-432-6410	56	39	5905-432-6411	35	26
5905-432-6410	63	16	5905-432-6411	51	25
5905-432-6410	66	17	5905-432-6411	69	28
5905-432-6410	67	18	5905-432-6411	70	28
5905-432-6410	68	19	5905-432-6411	86	30
5905-432-6410	69	21	5905-432-6411	89	30
5905-432-6410	70	22	5905-432-6411	101	8
5905-432-6410	71	22	5905-432-6411	112	22
5905-432-6410	72	7	5905-432-9152	50	23
5905-432-6410	81	17	5905-432-9159	88	53
5905-432-6410	82	17	5905-436-8353	153	28
5905-432-6410	83	22	5905-442-1247	153	29
5905-432-6410	85	22	5905-443-7793	80	22
5905-432-6410	86	46	5905-448-9360	89	23
5905-432-6410	87	27	5905-451-7414	43	26
5905-432-6410	88	33	5905-451-7512	5	26
5905-432-6410	89	27	5905-451-7512	7	26
5905-432-6410	90	27	5905-451-7512	8	30
5905-432-6410	91	12	5905-451-7512	37	9
5905-432-6410	92	23	5905-451-7512	66	12
5905-432-6410	93	33	5905-451-7512	87	30
5905-432-6410	94	36	5905-451-7512	88	43
5905-432-6410	95	15	5905-451-7512	90	52
5905-432-6410	96	21	5905-451-7512	96	15
5905-432-6410	97	28	5905-451-7512	98	39
5905-432-6410	98	30	5905-451-7512	106	27
5905-432-6410	99	31	5905-451-7512	129	17
5905-432-6410	100	23	5905-451-7512	141	40
5905-432-6410	101	15	5905-451-7512	144	37
5905-432-6410	105	30	5905-451-7512	155	45
5905-432-6410	106	30	5905-451-7518	81	25
5905-432-6410	107	18	5905-451-7518	82	25
5905-432-6410	109	29	5905-451-7520	147	45
5905-432-6410	110	26	5905-451-7522	23	12
5905-432-6410	111	30	5905-451-7522	86	48
5905-432-6410	112	32	5905-451-7533	8	34
5905-432-6410	113	22	5905-451-7533	90	51
5905-432-6410	114	43	5905-451-7533	110	32
5905-432-6410	115	35	5905-451-7533	122	17
5905-432-6410	118	19	5905-451-7534	27	33
5905-432-6410	122	19	5905-451-7534	28	30
5905-432-6410	128	13	5905-451-7534	35	23
5905-432-6410	136	18	5905-451-7534	52	36
5905-432-6410	141	37	5905-451-7534	54	43
5905-432-6410	142	20	5905-451-7534	69	31
5905-432-6410	143	30	5905-451-7534	70	31
5905-432-6410	144	28	5905-451-7534	94	37
5905-432-6410	145	16	5905-451-7534	96	19
5905-432-6410	146	26	5905-451-7534	113	27
5905-432-6410	147	42	5905-451-7534	147	32
5905-432-6410	148	37	5905-451-7534	155	39
5905-432-6410	153	31	5905-452-0742	4	19

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-452-0742	66	20	5905-472-0422	107	28
5905-452-0742	92	33	5905-478-7685	149	13
5905-452-0742	118	18	5905-479-3990	18	41
5905-452-0743	94	38	5905-480-5768	80	30
5905-452-0743	143	38	5905-482-0788	79	28
5905-452-0756	35	32	5905-482-0778	80	28
5905-452-0756	51	29	5905-483-4128	85	28
5905-452-0756	95	25	5905-489-2159	8	29
5905-452-0761	136	13	5905-489-2159	10	19
5905-452-0764	28	35	5905-489-2159	18	28
5905-452-0764	52	30	5905-489-2159	35	28
5905-452-0764	54	29	5905-489-2159	51	26
5905-452-0768	27	24	5905-489-2159	56	29
5905-452-0768	28	36	5905-489-2159	86	49
5905-452-0768	32	23	5905-489-2159	87	32
5905-452-0768	33	22	5905-489-2159	88	38
5905-452-0768	67	12	5905-489-2159	89	28
5905-452-0768	84	15	5905-489-2159	90	30
5905-452-0768	92	22	5905-489-2159	97	21
5905-452-0768	142	19	5905-489-2159	98	33
5905-452-0768	153	24	5905-489-2159	99	24
5905-452-0769	101	10	5905-489-2159	100	25
5905-452-0769	122	20	5905-489-2159	107	30
5905-452-0773	12	23	5905-489-2159	109	20
5905-452-0773	17	12	5905-489-2159	110	18
5905-452-0773	30	22	5905-489-2159	111	20
5905-452-0773	55	34	5905-489-2159	114	30
5905-452-0773	67	22	5905-489-2159	115	22
5905-452-0773	69	23	5905-489-2159	136	20
5905-452-0773	71	23	5905-489-2159	141	30
5905-452-0773	86	41	5905-489-2159	144	31
5905-452-0773	86	50	5905-489-2159	145	19
5905-452-0773	88	51	5905-489-2159	148	43
5905-452-0773	93	43	5905-489-2159	155	34
5905-452-0773	98	43	5905-490-0041	108	30
5905-452-0773	99	37	5905-491-4432	73	4
5905-452-0773	105	38	5905-501-7314	131	13
5905-452-0773	105	50	5905-502-9159	108	38
5905-452-0773	112	30	5905-517-9351	107	24
5905-452-0773	114	37	5905-517-9351	151	19
5905-452-0773	115	39	5905-518-9223	107	22
5905-452-0773	141	43	5905-542-8598	143	40
5905-452-0773	151	17	5905-542-8837	125	10
5905-452-0773	155	32	5905-543-8346	107	27
5905-455-0794	55	33	5905-543-8861	69	22
5905-455-0794	107	32	5905-543-8861	70	23
5905-455-0804	84	20	5905-552-2619	131	5
5905-456-0592	18	20	5905-552-5162	131	10
5905-459-2840	85	31	5905-552-6256	107	31
5905-462-5689	147	41	5905-556-3350	137	3
5905-466-1417	103	1	5905-556-3350	157	18
5905-471-2259	48	21	5905-556-5188	131	4
5905-471-2259	85	30	5905-581-0102	154	18
5905-471-4462	83	33	5905-581-1007	93	35
5905-471-6251	146	33	5905-581-1007	105	32
5905-471-6288	88	49	5905-581-1396	150	19
5905-472-0268	76	13	5905-581-1396	156	17
5905-472-0421	149	22	5905-774-7971	128	12

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-581-1408	150	24	5905-721-2385	110	37
5905-583-1855	151	20	5905-721-2385	114	42
5905-682-7773	4	24	5905-721-2385	115	31
5905-682-7773	11	31	5905-721-2385	141	27
5905-682-7773	12	22	5905-721-2387	6	34
5905-682-7773	13	33	5905-721-2387	27	34
5905-682-7773	14	29	5905-721-2387	29	20
5905-682-7773	27	27	5905-721-2387	32	21
5905-682-7773	28	38	5905-721-2387	51	17
5905-682-7773	29	16	5905-721-2387	68	21
5905-682-7773	32	24	5905-721-2387	69	27
5905-682-7773	34	14	5905-721-2387	70	24
5905-682-7773	35	25	5905-721-2387	88	35
5905-682-7773	44	25	5905-721-2387	97	24
5905-682-7773	45	22	5905-721-2387	143	36
5905-682-7773	54	35	5905-721-3739	50	20
5905-682-7773	68	27	5905-725-7547	83	25
5905-682-7773	94	33	5905-728-1659	50	32
5905-682-7773	95	30	5905-732-3859	98	36
5905-682-7773	122	15	5905-732-3859	100	19
5905-682-7773	128	18	5905-732-3859	108	39
5905-682-7773	139	4	5905-732-3859	144	34
5905-684-9777	18	36	5905-732-3878	54	38
5905-689-1966	11	33	5905-732-3878	72	10
5905-689-1966	86	38	5905-732-3878	113	19
5905-689-1966	108	25	5905-732-3878	155	43
5905-689-1966	153	33	5905-752-3600	86	54
5905-702-9485	12	27	5905-753-0251	106	22
5905-702-9485	23	23	5905-758-2063	4	17
5905-702-9485	27	40	5905-758-2063	11	25
5905-702-9485	28	26	5905-758-2063	14	31
5905-702-9485	32	19	5905-758-2063	33	24
5905-702-9485	33	20	5905-758-2063	52	32
5905-702-9485	35	22	5905-758-2063	68	25
5905-702-9485	43	21	5905-758-2063	81	19
5905-702-9485	68	32	5905-758-2063	82	19
5905-702-9485	96	16	5905-758-2063	86	42
5905-702-9485	122	16	5905-758-2063	87	26
5905-707-4872	37	13	5905-758-2063	88	34
5905-707-4872	90	47	5905-758-2063	90	38
5905-707-4872	92	28	5905-758-2063	96	20
5905-709-2958	12	28	5905-758-2063	105	47
5905-709-2976	43	30	5905-758-2063	106	29
5905-721-2385	5	24	5905-758-2063	124	4
5905-721-2385	6	22	5905-758-2063	128	16
5905-721-2385	9	14	5905-758-2063	142	17
5905-721-2385	17	14	5905-758-2063	143	33
5905-721-2385	28	27	5905-758-2063	146	23
5905-721-2385	34	22	5905-758-4795	18	33
5905-721-2385	35	27	5905-758-4840	5	31
5905-721-2385	44	14	5905-758-4840	6	27
5905-721-2385	54	30	5905-758-4840	7	27
5905-721-2385	80	17	5905-758-4840	8	31
5905-721-2385	87	31	5905-758-4840	9	19
5905-721-2385	90	44	5905-758-4840	10	20
5905-721-2385	93	42	5905-758-4840	11	23
5905-721-2385	95	28	5905-758-4840	13	26
5905-721-2385	105	34	5905-758-4840	14	27

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-758-4840	23	16	5905-763-9237	81	21
5905-758-4840	28	46	5905-763-9237	82	21
5905-758-4840	35	34	5905-763-9309	4	14
5905-758-4840	43	27	5905-763-9309	5	21
5905-758-4840	44	19	5905-763-9309	6	19
5905-758-4840	51	21	5905-763-9309	7	19
5905-758-4840	52	27	5905-763-9309	8	22
5905-758-4840	54	32	5905-763-9309	9	17
5905-758-4840	55	24	5905-763-9309	10	15
5905-758-4840	56	37	5905-763-9309	11	22
5905-758-4840	67	15	5905-763-9309	12	16
5905-758-4840	68	24	5905-763-9309	13	30
5905-758-4840	69	24	5905-763-9309	14	21
5905-758-4840	70	27	5905-763-9309	17	11
5905-758-4840	71	28	5905-763-9309	43	22
5905-758-4840	79	25	5905-763-9309	44	17
5905-758-4840	80	25	5950-763-9309	53	22
5905-758-4840	81	22	5950-763-9309	54	33
5905-758-4840	82	22	5905-763-9309	55	23
5905-758-4840	83	23	5905-763-9309	56	30
5905-758-4840	85	39	5905-763-9309	91	14
5905-758-4840	86	29	5905-763-9309	94	34
5905-758-4840	87	40	5905-763-9309	95	29
5905-758-4840	88	29	5905-763-9309	114	26
5905-758-4840	89	24	5905-763-9309	136	11
5905-758-4840	90	33	5905-763-9309	148	31
5905-758-4840	92	25	5905-763-9309	158	21
5905-758-4840	95	18	5905-763-9311	23	22
5905-758-4840	97	25	5905-763-9311	72	15
5950-758-4840	98	27	5905-764-1182	93	39
5905-758-4840	99	36	5905-764-6780	57	26
5905-758-4840	106	25	5905-764-9826	37	11
5905-758-4840	109	25	5905-764-9826	68	30
5905-758-4840	110	22	5905-764-9826	99	26
5905-758-4840	111	26	5905-767-0978	92	27
5905-758-4840	114	32	5905-767-0978	151	28
5905-758-4840	115	30	5905-767-0983	86	39
5905-758-4840	118	21	5905-767-0984	85	41
5905-758-4840	136	15	5905-767-0984	93	48
5950-758-4840	141	29	5905-767-0984	105	45
590f-758-4840	142	21	5905-767-0984	146	30
5905-758-4840	143	41	5905-767-2581	79	27
5905-758-4840	144	26	5905-767-2581	155	30
5905-758-4840	145	28	5905-772-9185	52	40
5905-758-4840	146	29	5905-774-8308	155	41
5905-758-4840	147	36	5905-801-1210	85	26
5905-758-4840	148	33	5905-801-1221	85	25
5905-758-4840	152	16	5905-813-8640	10	29
5905-759-8926	48	23	5905-814-1618	108	37
5905-761-1905	90	46	5905-804-3815	108	18
5905-763-6456	141	41	5905-817-6440	149	6
5905-763-6456	142	23	5905-827-6619	15	10
5905-763-6653	94	31	5905-827-6619	46	1
5905-763-6653	113	25	5905-836-6925	63	15
5905-763-6653	143	43	5905-837-4776	155	33
5905-763-6653	145	37	5905-847-5053	147	43
5905-763-6653	155	38	5905-857-6107	93	22
5905-763-8285	154	21	5905-857-6107	105	28



SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-857-6107	147	27	5905-947-0897	115	44
5905-876-6807	56	42	5905-947-0897	116	4
5905-880-0881	50	30	5905-951-5717	92	24
5905-880-3653	156	15	5905-951-5717	93	34
5905-889-0010	38	8	5905-951-8527	10	31
5905-889-0010	111	19	5905-952-1608	155	31
5905-889-0010	153	22	5905-952-5001	76	3
5905-889-0227	18	27	5905-952-6824	98	32
5905-889-0230	50	19	5905-952-6824	114	25
5905-892-6518	5	29	5905-952-6824	115	41
5905-892-6578	6	25	5905-952-6824	144	30
5905-892-6578	11	30	5905-952-6824	147	30
5905-892-6578	44	18	5P05-952-6824	153	34
5905-892-6578	51	35	5905-957-8633	4	25
5905-892-6578	86	40	5905-957-8633	27	35
5905-892-6578	87	35	5905-957-8633	28	37
5905-892-6578	95	23	5905-957-8633	32	30
5905-892-6578	98	28	5905-957-8633	33	27
5905-892-6578	101	14	5905-957-8633	48	16
5905-892-6578	108	29	5905-957-8633	79	21
5905-892-6578	112	26	5905-957-8633	80	20
5905-892-6578	141	34	5905-957-8633	84	17
5905-892-6578	144	27	5905-957-8633	86	28
5905-892-6578	153	25	5905-957-8633	81	34
5905-892-6578	155	27	5905-957-8633	88	25
5905-892-7283	108	35	5905-957-8633	90	35
5905-900-0785	79	26	5905-957-8633	92	32
5905-900-0785	80	23	5905-957-8633	94	2C
5905-901-7049	118	17	5905-957-8633	96	14
5905-902-1208	118	16	5905-957-8633	98	24
5905-903-8455	55	31	5905-957-8633	106	19
5905-903-8455	63	19	5905-957-8633	107	13
5905-904-0506	148	39	5905-957-8633	108	16
5905-904-3668	18	38	5905-957-8633	109	28
5905-904-4375	158	15	5905-957-8633	110	25
5905-905-3923	52	38	5905-957-8633	111	29
5905-905-7761	15	8	5905-Q57-8633	112	19
5905-905-7761	46	2	5905-957-8633	114	23
5905-914-0544	149	23	5905-957-8633	128	10
5905-914-5977	18	30	5905-957-8633	129	16
5905-914-6412	113	24	5905-957-8633	141	26
5905-924-3607	79	16	5905-957-8633	143	26
5905-925-8834	72	16	5905-957-8633	144	23
5905-926-8512	18	24	5905-957-8633	145	36
5905-928-1437	14	19	5905-957-8633	147	25
5905-931-1738	102	5	5905-957-8633	153	26
5905-931-2025	126	11	5905-959-8982	36	22
5905-931-2764	23	13	5905-959-8982	52	24
5905-931-2764	36	24	5905-965-9122	18	39
5905-941-7697	13	23	5905-965-9129	118	29
5905-941-7697	14	32	5905-969-5846	10	26
5905-943-3694	91	10	5905-969-5846	13	36
5905-944-0727	63	8	5905-969-5846	33	23
5905-945-9463	73	3	5905-969-5846	43	29
5905-946-0949	143	42	5905-969-5846	52	33
5905-947-0897	15	9	5905-969-5846	79	22
5905-947-0897	76	11	5905-969-5846	88	27
5905-947-0897	114	44	5905-969-5846	98	42

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-969-5846	109	36	5905-983-6914	94	26
5905-969-5846	110	36	5905-983-6914	95	14
5905-969-5846	111	35	5905-983-6914	96	17
5905-969-5846	112	29	5905-983-6914	97	27
5905-969-5846	122	13	5905-983-6914	98	26
5905-969-5846	145	21	5905-983-6914	99	27
5905-972-4687	83	21	5905-983-6914	100	24
5905-975-1243	155	40	5905-983-6914	101	11
5905-975-4354	80	27	5905-983-6914	105	37
5905-983-5942	109	19	5905-983-6914	106	20
5905-983-5942	110	17	5905-983-6914	107	26
5905-983-5942	111	25	5905-983-6914	108	19
5905-983-6914	4	23	5905-983-6914	109	21
5905-983-6914	5	25	5905-983-6914	110	19
5905-983-6914	6	23	5905-983-6914	111	21
5905-983-6914	8	21	5905-983-6914	112	25
5905-983-6914	9	21	5905-983-6914	113	20
5905-983-6914	10	16	5905-983-6914	114	24
5905-983-6914	11	21	5905-983-6914	115	25
5905-983-6914	12	17	5905-983-6914	121	8
5905-983-6914	13	25	5905-983-6914	123	6
5905-983-6914	14	22	5905-983-6914	126	12
5905-983-6914	17	17	5905-983-6914	129	19
5905-983-6914	27	31	5905-983-6914	139	3
5905-983-6914	28	39	5905-983-6914	141	32
5905-983-6914	29	26	5905-983-6914	142	22
5905-983-6914	30	19	5905-983-6914	143	28
5905-983-6914	31	16	5905-983-6914	144	25
5905-983-6914	33	21	5905-983-6914	145	22
5905-983-6914	34	15	5905-983-6914	146	28
5905-983-6914	35	31	5905-983-6914	147	37
5905-983-6914	36	29	5905-983-6914	148	30
5905-983-6914	43	23	5905-983-6914	151	25
5905-983-6914	44	21	5905-983-6914	152	15
5905-983-6914	45	20	5905-983-6914	153	35
5905-983-6914	51	24	5905-983-6914	154	17
5905-983-6914	52	22	5905-983-6914	155	26
5905-983-6914	53	20	5905-983-6914	156	16
5905-983-6914	54	25	5905-983-6914	158	17
5905-983-6914	55	22	5905-984-5612	149	20
5905-983-6914	56	25	5905-984-7679	55	35
5905-983-6914	63	9	5905-984-7679	76	2
5905-983-6914	67	26	5905-984-7679	98	38
5905-983-6914	68	23	5905-984-7679	144	36
5905-983-6914	69	26	5905-984-7679	148	40
5905-983-6914	70	26	5905-984-7681	5	30
5905-983-6914	71	27	5905-984-7681	6	26
5905-983-6914	79	31	5905-984-7681	9	24
5905-983-6914	81	18	5905-984-7681	13	24
5905-983-6914	82	18	5905-984-7681	14	18
5905-983-6914	83	27	5905-984-7681	28	42
5905-983-6914	84	16	5905-984-7681	29	19
5905-983-6914	86	35	5905-984-7681	44	24
5905-983-6914	87	28	5905-984-7681	51	33
5905-983-6914	88	26	5905-984-7681	53	17
5905-983-6914	90	40	5905-984-7681	54	26
5905-983-6914	92	26	5905-984-7681	56	32
5905-983-6914	93	26	5905-984-7681	85	38

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-984-7681	86	47	5905-988-2310	38	11
5905-984-7681	87	36	5905-988-2310	48	19
5905-984-7681	88	30	5905-988-2310	51	40
5905-984-7681	90	53	5905-988-2310	52	35
5905-984-7681	97	20	5905-988-2310	54	37
5905-984-7681	98	41	5905-988-2310	55	36
5905-984-7681	99	35	5905-988-2310	56	44
5905-984-7681	109	26	5905-988-2310	66	15
5905-984-7681	111	27	5905-988-2310	68	28
5905-984-7681	114	41	5905-988-2310	72	11
5905-984-7681	115	23	5905-988-2310	79	19
5905-984-7681	118	28	5905-988-2310	80	24
5905-984-7681	136	14	5905-988-2310	89	26
5905-984-7681	143	35	5905-988-2310	93	24
5905-984-7681	155	29	5905-988-2310	94	23
5905-988-2306	91	9	5905-988-2310	95	19
5905-988-2308	4	18	5905-988-2310	105	40
5905-988-2308	8	35	5905-988-2310	106	21
5905-988-2308	9	15	5905-988-2310	107	14
5905-988-2308	28	45	5905-988-2310	109	27
5905-988-2308	34	19	5905-988-2310	110	24
5905-988-2308	54	28	5905-988-2310	111	28
5905-988-2308	90	50	5905-988-2310	113	29
5905-988-2308	93	47	5905-988-2310	115	29
5905-988-2308	99	30	5905-988-2310	118	26
5905-988-2308	105	43	5905-988-2310	122	12
5905-988-2308	109	34	5905-988-2310	126	13
5905-988-2308	110	33	5905-988-2310	128	14
5905-988-2308	111	33	5905-988-2310	143	25
5905-988-2308	145	30	5905-988-2310	145	31
5905-988-2309	27	26	5905-988-2310	151	27
5905-988-2309	28	25	5905-988-2310	152	14
5905-988-2309	29	13	5905-988-2310	153	27
5905-988-2309	31	14	5905-988-2310	154	22
5905-988-2309	34	16	5905-988-2310	155	24
5905-988-2309	35	24	5905-988-2310	158	20
5905-988-2309	45	23	5905-988-2312	13	34
5905-988-2309	51	16	5905-988-2312	14	30
5905-988-2309	52	23	5905-988-2312	36	28
5905-988-2309	55	27	5905-988-2312	56	28
5905-988-2309	56	33	5905-988-2312	93	46
5905-988-2309	72	12	5905-988-2313	29	22
5905-988-2309	99	28	5905-988-2313	51	18
5905-988-2309	100	20	5905-988-2313	67	13
5905-988-2309	109	30	5905-988-2313	71	30
5905-988-2309	110	27	5905-988-2313	89	20
5905-988-2309	111	31	5905-988-2313	98	35
5905-988-2309	113	23	5905-988-2313	118	24
5905-988-2309	121	7	5905-988-2313	144	33
5905-988-2309	128	17	5905-988-2313	155	25
5905-988-2309	159	9	5905-988-2314	5	27
5905-988-2310	5	32	5905-988-2314	6	24
5905-988-2310	6	32	5905-988-2314	48	20
5905-988-2310	10	21	5905-988-2314	54	36
5905-988-2310	14	25	5905-988-2314	63	13
5905-988-2310	27	38	5905-988-2314	66	14
5905-988-2310	28	32	5905-988-2314	68	31
5905-988-2310	32	32	5905-988-2314	85	35

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5905-988-2314	86	51	5910-007-2000	147	7
5905-988-2314	87	39	5910-007-2001	89	4
5905-988-2314	88	31	5910-007-2003	54	7
5905-988-2314	89	25	5910-007-2003	88	3
5905-988-2314	90	29	5910-007-2003	90	6
5905-988-2314	92	20	5910-007-2003	143	3
5905-988-2314	93	36	5910-010-6536	148	5
5905-988-2314	94	28	5910-010-8157	27	2
5905-988-2314	95	16	5910-010-8157	28	2
5905-988-2314	96	12	5910-010-8157	29	2
5905-988-2314	99	23	5910-010-8157	33	1
5905-988-2314	106	32	5910-010-8157	34	3
5905-988-2314	114	27	5910-010-8157	35	2
5905-988-2314	115	28	5910-010-8157	50	1
5905-988-2314	129	18	5910-010-8157	51	2
5905-988-2314	136	16	5910-010-8331	79	1
5905-988-2314	143	34	5910-010-8331	107	2
5905-988-2314	147	38	5910-010-8666	17	2
5905-988-2314	151	29	5910-010-8666	21	12
5905-988-2314	152	13	5910-010-8666	23	1
5905-988-2314	154	23	5910-010-8666	29	1
5905-988-2319	17	13	5910-010-8666	30	2
5905-988-2319	32	31	5910-010-8666	31	1
5905-988-2319	35	36	5910-010-8666	32	1
5905-988-2319	44	15	5910-010-8666	33	2
5905-988-2319	45	21	5910-010-8666	36	1
5905-988-2319	54	34	5910-010-8666	50	3
5905-988-2319	85	40	5910-010-8666	52	1
5905-988-2319	88	48	5910-010-8666	53	2
5905-988-2319	90	37	5910-010-8666	54	1
5905-988-2319	94	35	5910-010-8666	56	3
5905-988-2319	98	29	5910-010-8666	136	1
5905-988-2319	141	33	5910-010-8666	151	5
5905-988-2319	147	46	5910-010-8666	153	5
5905-988-2319	148	35	5910-010-8666	155	2
5905-988-2319	156	12	5910-010-8666	158	2
5905-989-5587	108	36	5910-010-8718	4	1
5905-989-9362	84	18	5910-010-8718	5	1
5905-989-9362	142	15	5910-010-8718	6	1
5905-989-9362	146	20	5910-010-8718	7	1
5905-990-9575	142	18	5910-010-8718	8	2
5905-990-9575	146	24	5910-010-8718	9	1
5905-997-9354	63	18	5910-010-8718	10	1
5905-998-9178	7	32	5910-010-8718	11	1
5905-998-9178	54	44	5910-010-8718	12	1
5905-998-9178	67	20	5910-010-8718	15	1
5905-998-9178	79	29	5910-010-8718	23	5
5905-998-9178	80	29	5910-010-8718	28	6
5905-998-9178	85	29	5910-010-8718	29	4
5905-998-9178	88	28	5910-010-8718	32	3
5905-998-9178	144	40	5910-010-8718	34	1
5905-998-9178	115	43	5910-010-8718	35	4
5905-998-9178	146	32	5910-010-8718	36	3
5910-005-3085	143	8	5910-010-8718	43	1
5910-005-3085	153	2	5910-010-8718	44	1
5910-005-3085	156	4	5910-010-8718	45	1
5910-006-5708	106	6	5910-010-8718	46	7
5910-007-2000	86	8	5910-010-8718	48	1

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5910-010-8718	51	3	5910-060-1190	148	10
5910-010-8718	52	5	5910-065-8613	147	8
5910-010-8718	53	1	5910-067-6520	66	4
5910-010-8718	54	8	5910-068-3302	121	2
5910-010-8718	55	1	5910-068-3302	123	1
5910-010-8718	68	3	5910-068-3302	125	3
5910-010-8718	69	3	5910-068-3302	143	11
5910-010-8718	70	3	5910-068-3928	158	4
5910-010-8718	71	3	5910-078-1732	35	5
5910-010-8718	81	4	5910-088-1146	12	5
5910-010-8718	82	4	5910-088-1146	27	5
5910-010-8718	83	5	5910-088-1146	55	3
5910-010-8718	86	5	5910-096-4644	100	9
5910-010-8718	87	1	5910-099-0541	155	6
5910-010-8718	88	1	5910-101-2163	146	2
5910-010-8718	89	1	5910-101-2381	7	7
5910-010-8718	90	1	5910-101-2381	29	5
5910-010-8718	91	1	5510-101-2381	32	6
5910-010-8718	92	2	5910-103-7435	149	10
5910-010-8718	93	1	5910-104-1341	151	2
5910-010-8718	94	2	5910-104-1341	154	2
5910-010-8718	95	1	5910-107-2561	76	4
5910-010-8718	96	2	5910-111-4910	155	8
5910-010-8718	97	8	5910-112-5337	56	5
5910-010-8718	98	8	5910-113-5276	144	10
5910-010-8718	105	2	5910-113-5276	155	5
5910-010-8718	106	1	5910-113-5312	29	6
5910-010-8718	109	2	5910-113-5445	99	9
5910-010-8718	110	2	5910-113-5499	5	8
5910-010-8718	111	2	5910-113-5499	6	5
5910-010-8718	112	1	5910-113-5499	23	2
5910-010-8718	113	1	5910-113-5499	68	1
5910-010-8718	115	4	5910-113-5499	69	1
5910-010-8718	118	2	5910-113-5499	70	1
5910-010-8718	126	1	5910-113-5499	71	1
5910-010-8718	129	5	5910-113-5499	83	1
5910-010-8718	141	1	5910-113-5499	85	4
5910-010-8718	143	1	5910-113-5499		
5910-010-8718	144	8	5910-113-5499	149	3
5910-010-8718	145	1	5910-113-5499	151	1
5910-010-8718	147	2	5910-113-5499	152	1
5910-010-8718	148	11	5910-113-5499	154	1
5910-010-8718	153	1	5910-113-5499	156	1
5910-010-8718	155	1	5910-113-5540	72	19
5910-010-8718	159	1	5910-113-5540	81	1
5910-010-8718	99	1	5910-113-5540	82	1
5910-010-8718	114	2	5910-113-5540	83	2
5910-018-1944	34	2	5910-113-5540	84	1
5910-024-0380	79	24	5910-113-5540	89	5
5910-029-4852	51	5	5910-113-5540	92	6
5910-033-7995	27	6	5910-113-5540	109	3
5910-050-2940	88	7	5910-113-5540	110	3
5910-051-2232	9	6	5910-113-5540	111	3
5910-051-2232	11	7	5910-113-5540	142	1
5910-051-2232	101	1	5910-113-5540	146	1
5910-060-1190	28	3	5910-113-5540	148	1
5910-060-1190	141	4	5910-113-5689	45	2
5910-060-1190	143	7	5910-113-5689	87	2

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5910-113-5689	100	2	5910-154-0547	111	1
5910-113-5689	112	5	5910-154-0547	144	3
5910-113-5689	113	5	5910-154-0547	153	3
5910-113-9448	29	3	5910-158-5367	113	3
5910-113-9449	118	4	5910-163-2189	100	8
5910-113-9513	71	4	5910-164-2031	100	7
5910-114-0781	155	13	5910-165-2742	81	5
5910-132-5994	142	2	5910-165-2742	82	5
5910-136-1037	89	6	5910-165-8502	20	24
5910-136-1037	98	10	5910-175-4623	69	4
5910-136-1037	110	7	5910-175-4623	70	4
5910-136-3715	76	12	5910-176-2641	27	7
5910-139-q721	43	8	5910-176-2641	143	2
5910-139-9751	64	15	5910-176-7322	13	4
5910-140-3145	113	7	5910-176-7322	14	6
5910-140-6135	121	3	5910-176-7322	45	5
5910-140-6135	123	2	5910-176-7335	100	5
5910-142-6955	103	8	5910-176-7335	105	3
5910-143-0501	5	6	5910-176-7335	107	3
5910-143-0501	6	7	5910-176-7335	108	3
5910-143-0501	7	6	5910-176-7335	147	5
5910-143-0501	8	5	5910-188-5247	97	1
5910-143-0501	9	2	5910-192-7180	54	6
5910-143-0501	10	3	5910-212-3687	118	5
5910-143-0501	11	3	5910-229-7757	8	4
5910-143-0501	32	5	5910-229-7757	9	5
5910-143-0501	43	5	5910-229-7757	44	5
5910-143-0501	44	2	5910-229-7757	87	6
5910-143-0501	52	3	5910-229-7757	90	4
5910-143-0501	54	2	5910-229-7757	98	5
5910-143-0501	56	4	5910-229-7757	144	5
5910-143-0501	136	3	5910-229-7786	92	1
5910-144-4379	27	3	5910-229-7786	93	2
5910-144-4379	53	4	5910-22q-7786	105	1
5910-144-4379	66	1	5910-229-7786	147	1
5910-144-4379	83	7	5910-236-5777	56	7
5910-144-4379	151	4	5910-236-8740	34	5
5910-144-4379	155	12	5910-236-8740	86	10
5910-144-4383	13	8	5910-236-8740	88	6
5910-144-4383	14	7	5910-236-8740	98	7
5910-144-4383	18	5	5910-236-8740	106	2
5910-144-4383	66	3	5910-236-8740	144	7
5910-144-4383	98	2	5910-236-8740	155	11
5910-144-4383	108	5	5910-238-2678	51	4
5910-144-4383	114	12	5910-242-2581	97	2
5910-144-4383	115	11	5910-243-9283	156	2
5910-144-4383	118	1	5910-248-6899	47	5
5910-144-4383	122	2	5910-248-6899	104	25
5910-144-4383	128	4	5910-255-1608	105	7
5910-144-4383	144	2	5910-255-4054	8	8
5910-144-4383	149	7	5910-255-4054	45	4
5910-153-7428	67	2	5910-255-4054	148	4
5910-154-0547	87	5	5910-280-7973	80	4
5910-154-0547	90	8	5910-280-7973	84	3
5910-154-0547	98	3	5910-280-7973	85	1
5910-154-0547	100	1	5910-280-7973	101	3
5910-154-0547	109	1	5910-280-7973	108	1
5910-154-0547	110	1	5910-280-7973	143	9

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5910-280-7973	148	6	5910-456-0812	14	5
5910-280-7973	151	3	5910-456-0812	28	7
5910-280-7973	153	6	5910-456-9511	27	9
5910-280-7973	154	3	5910-456-9511	33	3
5910-280-7973	156	3	5910-456-9511	93	7
5910-403-5093	68	4	5910-456-9511	105	10
5910-410-9329	7	4	5910-460-0852	18	6
5910-410-9329	8	7	5910-460-0852	34	4
5910-410-9329	13	1	5910-460-0852	109	6
5910-410-9329	14	2	5910-460-0852	110	6
5910-410-9329	18	2	5910-460-0852	111	6
5910-410-9329	27	1	5910-460-0852	114	8
5910-410-9329	28	1	5910-460-0852	115	12
5910-410-9329	35	1	5910-460-0868	101	2
5910-410-9329	51	1	5910-460-0868	105	6
5910-410-9329	86	1	5910-460-0868	109	4
5910-410-9329	87	4	5910-460-0868	110	4
5910-410-9329	90	5	5910-460-0868	111	4
5910-410-9329	93	6	5910-460-0868	114	1
5910-410-9329	94	4	5910-460-0868	115	2
5910-410-9329	97	6	5910-460-0868	154	4
5910-410-9329	98	1	5910-460-0869	5	5
5910-410-9329	99	4	5910-460-0869	6	6
5910-410-9329	105	9	5910-460-0869	7	3
5910-410-9329	106	3	5910-460-0869	8	6
5910-410-9329	114	3	5910-460-0869	9	4
5910-410-9329	115	3	5910-460-0869	10	4
5910-410-9329	129	4	5910-460-0869	11	4
5910-410-9329	141	6	5910-460-0869	23	4
5910-410-9329	143	4	5910-460-0869	43	6
5910-410-9329	144	1	5910-460-0869	44	4
5910-410-9329	148	3	5910-460-0869	45	3
5910-410-9329	152	2	5910-460-0869	55	8
5910-420-3400	75	9	5910-460-0869	68	2
5910-420-3400	77	35	5910-460-0869	69	2
5910-420-7236	76	1	5910-460-0869	70	2
5910-436-8203	5	3	5910-460-0869	71	2
5910-436-8203	6	3	5910-460-0869	81	3
5910-436-8203	25	2	5910-460-0869	82	3
5910-436-8203	61	5	5910-460-0869	83	4
5910-445-6804	76	10	5910-460-0869	85	3
5910-446-5548	149	18	5910-460-0869	86	4
5910-448-2710	94	6	5910-460-0869	87	8
5910-450-5239	7	5	5910-460-0869	88	5
5910-450-5239	11	6	5910-460-0869	89	3
5910-450-5239	43	7	5910-460-0869	90	3
5910-453-8796	8	1	5910-460-0869	94	3
5910-453-8796	43	3	5910-460-0869	95	3
5910-453-8796	97	5	5910-460-0869	98	9
5910-453-8796	147	10	5910-460-0869	114	11
5910-456-0794	4	4	5910-460-0869	115	8
5910-456-0794	86	7	5910-460-0869	118	6
5910-456-0800	92	4	5910-460-0869	141	8
5910-456-0800	99	2	5910-460-0869	142	3
5910-456-0800	141	7	5910-460-0869	144	9
5910-456-0800	147	6	5910-460-0869	145	4
5910-456-0800	155	4	5910-460-0869	148	7
5910-456-0812	13	5	5910-460-1047	27	4

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5910-460-1047	32	4	5910-790-3781	105	11
5910-460-1047	86	11	5910-790-3781	112	6
5910-460-1047	94	5	5910-790-3781	114	7
5910-460-1047	106	4	5910-790-3781	115	9
5910-460-1047	108	8	5910-804-7566	125	2
5910-460-1047	129	6	5910-823-1349	155	7
5910-460-1047	141	5	5910-832-8080	5	7
5910-460-1047	143	5	5910-832-8080	11	5
5910-460-1047	148	2	5910-832-8080	93	3
5910-460-1047	152	3	5910-835-2719	114	6
5910-460-1047	155	10	5910-838-8947	50	2
5910-463-9373	83	3	5910-838-8947	79	3
5910-469-5604	17	1	5910-838-8947	80	3
5910-469-5604	30	1	5910-838-8947	100	4
5910-469-5604	36	4	5910-838-8947	146	4
5910-484-4966	67	1	5910-838-9421	122	1
5910-487-8424	13	3	5910-838-9421	126	4
5910-487-8424	94	7	5910-838-9421	128	1
5910-487-8424	97	3	5910-839-3991	14	3
5910-487-8424	108	6	5910-839-3991	18	1
5910-487-8424	141	3	5910-839-3991	38	2
5910-487-8424	147	3	5910-839-3991	43	4
5910-487-8424	155	3	5910-839-3991	54	5
5910-490-0139	12	4	5910-839-3991	56	8
5910-490-0397	4	3	5910-839-3991	112	7
5910-490-0397	93	5	5910-839-3991	113	4
5910-490-0397	96	3	5910-839-3991	141	10
5910-490-0397	105	12	5910-839-3991	158	3
5910-490-0397	126	3	5910-846-8703	13	7
5910-490-0397	146	3	5910-846-8703	115	6
5910-518-1448	150	14	5910-850-0552	57	25
5910-615-0427	128	2	5910-850-3205	87	3
5910-615-0427	143	6	5910-850-3205	141	12
5910-636-4241	126	5	5910-858-5877	56	1
5910-660-4726	143	10	5910-882-4521	105	5
5910-682-3814	112	3	5910-882-4521	147	11
5910-723-5267	28	8	5910-887-9874	81	2
5910-723-5267	92	5	5910-887-9874	82	2
5910-723-5267	109	5	5910-892-9666	99	6
5910-723-5267	110	5	5910-900-4641	13	9
5910-723-5267	111	5	5910-900-4641	28	4
5910-723-5267	114	10	5910-900-4641	55	7
5910-723-5267	115	10	5910-900-4641	85	2
5910-740-6138	125	4	5910-900-4641	86	3
5910-760-8290	97	4	5910-900-4641	87	7
5910-761-1140	148	8	5910-900-4641	88	4
5910-761-1140	149	8	5910-900-4641	89	2
5910-761-7112	100	6	5910-900-4641	90	2
5910-762-7886	100	3	5910-900-4641	92	3
5910-762-7886	105	4	5910-900-4641	95	2
5910-777-6919	55		5910-900-4641	98	4
5910-777-6919	90	7	5910-900-4641	99	5
5910-777-6919	96	1	5910-900-4641	114	9
5910-777-6919	155	9	5910-900-4641	115	7
5910-777-6920	18	7	5910-900-4641	142	4
5910-790-3781	13	6	5910-900-4641	144	4
5910-790-3781	90	9	5910-900-4641	145	3
5910-790-3781	93	4	5910-900-4641	147	4



SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5910-900-4641	148	9	5910-936-1332	114	4
5910-902-0031	105	8	5910-936-1332	115	1
5910-902-0031	126	2	5910-936-1332	118	3
5910-902-0031	129	3	5910-936-1332	128	3
5910-902-0031	137	18	5910-936-1332	129	2
5910-902-0335	99	8	5910-936-1332	136	2
5910-902-0335	106	5	5910-936-1332	141	2
5910-902-0335	129	1	5910-936-1332	145	2
5910-903-8472	107	4	5910-936-1332	158	1
5910-903-8472	108	7	5910-936-1357	28	5
5910-904-8590	113	6	5910-936-1357	152	4
5910-913-1096	90	10	5910-936-1357	153	4
5910-932-2639	37	1	5910-936-1522	110	9
5910-932-2639	68	5	5910-936-1525	23	3
5910-932-2734	32	2	5910-936-3861	53	5
5910-934-2564	86	6	5910-936-3861	63	1
5910-934-2564	98	6	5910-936-3864	55	4
5910-934-2564	144	6	5910-938-4765	14	1
5910-934-2923	18	3	5910-938-4765	38	1
5910-934-2923	66	2	5910-938-7392	72	3
5910-936-1332	4	2	5910-953-3503	141	9
5910-936-1332	5	2	5910-954-1769	96	4
5910-936-1332	6	2	5910-954-1769	147	S
5910-936-1332	7	2	5910-957-8577	99	?
5910-936-1332	8	3	5910-957-8577	114	5
5910-936-1332	9	3	5910-957-8577	115	5
5910-936-1332	10	2	5910-964-6513	79	2
5910-936-1332	11	2	5910-964-6513	80	2
5910-936-1332	12	2	5910-964-6513	122	3
5910-936-1332	13	2	5910-990-4887	52	4
5910-936-1332	14	4	5910-990-4887	54	3
5910-936-1332	17	3	5910-990-4887	56	6
5910-936-1332	18	4	5910-990-4887	136	4
5910-936-1332	30	3	5910-998-9135	35	6
5910-936-1332	31	2	5915-155-0596	75	15
5910-936-1332	35	3	5915-189-3150	75	3
5910-936-1332	36	2	5915-409-9097	65	18
5910-936-1332	43	2	5915-481-3088	89	36
5910-936-1332	44	3	5920-222-9105	72	17
5910-936-1332	48	2	5925-107-2684	65	31
5910-936-1332	52	2	5925-118-1098	78	61
5910-936-1332	53	3	5925-163-3479	65	33
5910-936-1332	54	4	5925-762-2258	65	34
5910-936-1332	55	2	5925-762-2258	75	5
5910-936-1332	56	2	5925-762-2258	78	62
5910-936-1332	83	6	5925-776-1398	65	32
5910-936-1332	86	2	5925-811-0170	75	4
5910-936-1332	88	2	5930-102-5970	133	17
5910-936-1332	94	1	5930-192-6349	157	16
5910-936-1332	97	7	5930-243-9346	157	10
5910-936-1332	99	3	5930-410-5415	133	5
5910-936-1332	107	1	5930-410-5418	137	2
5910-936-1332	108	2	5930-434-8866	137	6
5910-936-1332	109	7	5930-491-3863	165	3
5910-936-1332	110	8	5930-579-8144	40	48
5910-936-1332	111	7	5930-579-8144	65	4
5910-936-1332	112	2	5930-579-8144	78	65
5910-936-1332	113	2	5930-579-8144	104	19
5930-682-0681	133	16			

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5930-685-9798	130	3	5935-131-9681	70	11
5930-685-9798	157	9	5935-131-9681	71	14
5930-803-4570	21	24	5935-131-9681	81	11
5930-803-4570	64	49	5935-131-9681	82	11
5930-823-0853	21	25	5935-131-9681	83	13
5930-892-9246	140	25	5935-131-9681	84	9
5930-892-9714	99	40	5935-131-9681	85	12
5930-903-1641	15	12	5935-131-9681	86	17
5930-903-1641	46	14	5935-131-9681	87	17
5930-905-7807	137	13	5935-131-9681	88	14
5930-913-2983	135	10	5935-131-9681	89	11
5930-914-6458	133	6	5935-131-9681	90	16
5930-914-6458	137	4	5935-131-9681	92	11
5930-914-6458	150	25	5935-131-9681	93	13
5930-914-6458	157	11	5935-131-9681	95	8
5935-044-6810	19	36	5935-131-9681	96	8
5935-044-6810	77	16	5935-131-9681	97	12
5935-050-2525	2	92	5935-131-9681	98	15
5935-059-6942	140	44	5935-131-9681	99	16
5935-059-6946	104	2	5935-131-9681	100	12
5935-080-3989	3	16	5935-131-9681	105	17
5935-080-6948	25	1	5935-131-9681	106	12
5935-089-2097	157	7	5935-131-9681	107	7
5935-103-7424	57	3	5935-131-9681	109	10
5935-128-8724	119	10	5935-131-9681	110	12
5935-131-9680	30	14	5935-131-9681	111	10
5935-131-9680	36	16	5935-131-9681	112	10
5935-131-9680	52	17	5935-131-9681	113	10
5935-131-9680	56	20	5935-131-9681	136	8
5935-131-9680	100	11	5935-131-9681	141	16
5935-131-9681	4	8	5935-131-9681	142	9
5935-131-9681	5	13	5935-131-9681	144	15
5935-131-9681	6	12	5935-131-9681	145	9
5935-131-9681	8	12	5935-131-9681	146	11
5935-131-9861	9	8	5935-131-9681	147	16
5935-131-9681	10	7	5935-131-9681	148	18
5935-131-9681	11	13	5935-131-9681	151	9
5935-131-9681	12	8	5935-131-9681	153	14
5935-131-9681	13	13	5935-131-9681	154	7
5935-131-9681	27	14	5935-131-9681	158	8
5935-131-9681	28	12	5935-131-9693	7	11
5935-131-9681	30	7	5935-131-9693	17	7
5935-131-9681	31	5	5935-131-9693	33	14
5935-131-9681	32	11	5935-131-9693	36	17
5935-131-9681	33	7	5935-131-9693	43	15
5935-131-9681	34	9	5935-131-9693	52	10
5935-131-9681	35	11	5935-131-9693	54	18
5935-131-9681	36	9	5935-131-9693	55	14
5935-131-9681	44	8	5935-131-9693	56	19
5935-131-9681	45	9	5935-131-9693	71	17
5935-131-9681	50	7	5935-131-9693	81	13
5935-131-9681	51	9	5935-131-9693	82	13
5935-131-9681	52	18	5935-131-9693	83	15
5935-131-9681	53	9	5935-131-9693	86	20
5935-131-9681	54	15	5935-131-9693	88	16
5935-131-9681	55	12	5935-131-9693	89	13
5935-131-9681	56	12	5935-131-9693	90	18
5935-131-9681	69	11	5935-131-9693	92	12

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5935-131-9693	93	15	5935-131-9696	81	10
5935-131-9693	94	13	5935-131-9696	82	10
5935-131-9693	97	13	5935-131-9696	83	12
5935-131-9693	98	18	5935-131-9696	84	8
5935-131-9693	99	17	5935-131-9696	85	11
5935-131-9693	105	19	5935-131-9696	86	16
5935-131-9693	106	13	5935-131-9696	87	16
5935-131-9693	107	8	5935-131-9696	88	13
5935-131-9693	108	12	5935-131-9696	89	10
5935-131-9693	109	14	5935-131-9696	90	15
5935-131-9693	110	14	5935-131-9696	92	10
5935-131-9693	111	14	5935-131-9696	93	12
5935-131-9693	112	12	5935-131-9696	94	12
5935-131-9693	114	19	5935-131-9696	95	7
5935-131-9693	115	17	5935-131-9696	96	7
5935-131-9693	136	9	5935-131-9696	97	11
5935-131-9693	141	20	5935-131-9696	98	14
5935-131-9693	144	17	5935-131-9696	99	15
5935-131-9693	145	11	5935-131-9696	100	14
5935-131-9593	147	19	5935-131-9696	105	16
5935-131-9693	151	7	5935-131-9696	106	11
5935-131-9693	154	8	5935-131-9696	107	6
5935-131-9693	158	10	5935-131-9696	108	11
5935-131-9696	4	7	5935-131-9696	109	9
5935-131-9696	5	12	5935-131-9696	110	11
5935-131-9696	6	11	5935-131-9696	111	9
5935-131-9696	7	10	5935-131-9696	112	9
5935-131-9696	8	11	5935-131-9696	113	9
5935-131-9696	9	7	5935-131-9696	114	18
5935-131-9696	10	6	5935-131-9696	115	16
5935-131-9696	11	12	5935-131-9696	118	30
5935-131-9696	12	7	5935-131-9696	136	7
5935-131-9696	13	12	5935-131-9696	141	15
5935-131-9696	14	11	5935-131-9696	142	8
5935-131-9696	17	6	5935-131-9696	143	18
5935-131-9696	18	10	5935-131-9696	144	14
5935-131-9696	27	13	5935-131-9696	145	8
5935-131-9696	28	11	5935-131-9696	146	10
5935-131-9696	30	6	5935-131-9696	148	19
5935-131-9696	31	4	5935-131-9696	151	8
5935-131-9696	32	10	5935-131-9696	152	5
5935-131-9696	33	6	5935-131-9696	153	13
5935-131-9696	34	8	5935-131-9696	154	6
5935-131-9696	35	10	5935-131-9696	158	7
5935-131-9696	36	8	5935-131-9697	7	12
5935-131-9696	43	11	5935-131-9697	8	15
5935-131-9696	44	7	5935-131-9697	9	11
5935-131-9696	45	8	5935-131-9697	13	16
5935-131-9696	50	6	5935-131-9697	28	15
5935-131-9696	51	8	5935-131-9697	30	10
5935-131-9696	52	9	5935-131-9697	31	8
5935-131-9696	55	11	5935-131-9697	32	14
5935-131-9696	56	11	5935-131-9697	33	10
5935-131-9696	67	7	5935-131-9697	35	14
5935-131-9696	68	11	5935-131-9697	36	12
5935-131-9696	69	10	5935-131-9697	44	11
5935-131-9696	70	10	5935-131-9697	45	12
5935-131-9696	71	13	5935-131-9697	52	13

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5935-131-9697	54	16	5935-131-9726	100	13
5935-131-9697	55	15	5935-131-9726	105	18
5935-131-9697	56	15	5935-131-9726	109	11
5935-131-9697	68	14	5935-131-9726	110	13
5935-131-9697	69	14	5935-131-9726	111	11
5935-131-9697	70	14	5935-131-9726	112	11
5935-131-9697	71	18	5935-131-9726	113	11
5935-131-9697	85	15	5935-131-9726	141	17
5935-131-9697	87	20	5935-131-9726	142	10
5935-131-9697	88	17	5935-131-9726	144	16
5935-131-9697	100	15	5935-131-9726	145	10
5935-131-9697	105	20	5935-131-9726	146	12
5935-131-9697	106	15	5935-131-9726	147	18
5935-131-9697	109	13	5935-131-9726	148	17
5935-131-9697	110	15	5935-131-9726	158	9
5935-131-9697	111	13	5935-131-9727	7	13
5935-131-9697	141	19	5935-131-9727	8	16
5935-131-9697	146	14	5935-131-9727	13	17
5935-131-9697	147	17	5935-131-9727	30	11
5935-131-9726	4	9	5935-131-9727	31	9
5935-131-9726	8	13	5935-131-9727	33	11
5935-131-9726	9	9	5935-131-9727	36	13
5935-131-9726	10	8	5935-131-9727	43	13
5935-131-9726	11	14	5935-131-9727	45	13
5935-131-9726	12	9	5935-131-9727	52	14
5935-131-9726	13	14	5935-131-9727	54	17
5935-131-9726	27	15	5935-131-9727	56	16
5935-131-9726	28	13	5935-131-9727	68	15
5935-131-9726	30	8	5935-131-9727	69	15
5935-131-9726	31	6	5935-131-9727	70	15
5935-131-9726	32	12	5935-131-9727	85	16
5935-131-9726	33	8	5935-131-9727	105	21
5935-131-9726	35	12	5935-131-9727	146	15
5935-131-9726	36	10	5935-131-9728	4	10
5935-131-9726	43	12	5935-131-9728	7	14
5935-131-9726	44	9	5935-131-9728	8	14
5935-131-9726	45	10	5935-131-9728	9	10
5935-131-9726	50	8	5935-131-9728	11	15
5935-131-9726	52	11	5935-131-9728	13	15
5935-131-9726	53	8	5935-131-9728	28	14
5935-131-9726	55	13	5935-131-9728	30	9
5935-131-9726	56	13	5935-131-9728	31	7
5935-131-9726	68	12	5935-131-9728	32	13
5935-131-9726	69	12	5935-131-9728	33	9
5935-131-9726	70	12	5935-131-9728	35	13
5935-131-9726	71	15	5935-131-9728	36	11
5935-131-9726	81	12	5935-131-9728	44	10
5935-131-9726	82	12	5935-131-9728	45	11
5935-131-9726	83	14	5935-131-9728	50	9
5935-131-9726	84	10	5935-131-9728	52	12
59350131-9726	85	13	5935-131-9728	55	16
5935-131-9726	86	18	5935-131-9728	56	14
5935-131-9726	87	18	5935-131-9728	68	13
5935-131-9726	88	15	5935-131-9728	69	13
5935-131-9726	89	12	5935-131-9728	70	13
5935-131-9726	90	17	5935-131-9728	71	16
5935-131-9726	93	14	5935-131-9728	85	14
5935-131-9726	98	16	5935-131-9728	86	19

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5935-131-9728	87	19	5935-194-7774	104	33
5935-131-9728	98	17	5935-225-2151	16	4
5935-131-9728	106	14	5935-225-2152	26	25
5935-131-9728	109	12	5935-225-2154	140	48
5935-131-9728	111	12	5935-225-2155	160	5
5935-131-9728	141	18	5935-227-7068	111	15
5935-131-9728	146	13	5935-234-9864	140	61
5935-131-9728	147	20	5935-236-7719	104	46
5935-132-2308	30	13	5935-236-7722	104	44
5935-132-2308	33	13	5935-236-7726	104	43
5935-132-2308	36	15	5935-236-7727	104	42
5935-132-2308	43	14	5935-236-7729	82	14
5935-132-2308	52	16	5935-236-7731	87	22
5935-132-2308	56	18	5935-236-7732	92	14
5935-132-2308	69	17	5935-236-7833	94	15
5935-132-2308	70	17	5935-236-7834	95	10
5935-132-2309	13	18	5935-236-7835	98	20
5935-132-2309	30	12	5935-236-7836	107	10
5935-132-2309	33	12	5935-239-3292	130	2
5935-132-2309	36	14	5935-242-2023	114	20
5935-132-2309	52	15	5935-242-2060	78	14
5935-132-2309	56	17	5935-242-2062	78	41
5935-132-2309	69	16	5935-242-2064	78	39
5935-132-2309	70	16	5935-242-2068	99	18
5935-137-0590	18	13	5935-242-2071	110	16
5935-137-0590	127	1	5935-243-8474	78	18
5935-137-4205	140	16	5935-243-8475	78	20
5935-139-2667	159	5	5935-243-8486	78	25
5935-139-2715	40	17	5935-243-8489	78	6
5935-139-2735	62	53	5935-243-8492	78	47
5935-139-2743	49	7	5935-243-8493	78	45
5935-139-2744	49	18	5935-243-8494	78	43
5935-139-2745	52	20	5935-243-8498	78	35
5935-139-2746	56	23	5935-243-8501	78	33
5935-139-2747	55	18	5935-243-8504	78	31
5935-139-9775	51	11	5935-243-8505	78	29
5935-140-0074	105	23	5935-243-8510	84	11
5935-140-0075	106	17	5935-243-8512	89	15
5935-140-6136	119	34	5935-243-8517	93	17
5935-140-6184	112	14	5935-243-8518	100	17
5935-147-9408	78	57	5935-243-8519	109	15
5935-147-9414	121	6	5935-243-9084	30	17
5935-147-9414	125	6	5935-243-9093	27	17
5935-147-9415	119	7	5935-243-9112	31	12
5935-150-0594	54	22	5935-247-8962	2	88
5935-165-0086	165	1	5935-256-0730	86	22
5935-165-0101	140	15	5935-256-0735	90	20
5935-165-0104	140	14	5935-256-4755	26	1
5935-165-0114	150	1	5935-256-4778	26	22
5935-165-0117	150	30	5935-256-4802	26	20
5935-165-0122	150	5	5935-256-8930	104	49
5935-165-0122	150	11	5935-256-8956	78	5
5935-167-0285	153	15	5935-256-8959	78	9
5935-167-5915	140	50	5935-260-2327	104	39
5935-167-5918	150	28	5935-260-2635	96	11
5935-167-5922	152	7	5935-260-2713	104	4
5935-175-8475	155	18	5935-260-3304	104	31
5935-188-3859	88	19	5935-260-3328	151	11

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5935-260-3333	154	10	5935-478-7345	37	4
5935-260-3336	69	18	5935-478-7346	66	7
5935-260-3336	158	11	5935-478-7347	67	9
5935-260-3515	104	45	5935-478-7348	71	19
5935-260-3316	104	40	5935-478-7349	91	5
5935-260-3321	104	36	5935478-7350	113	16
5935-260-3325	104	37	5935-482-5116	32	16
5935-260-3644	101	6	5935-482-5119	70	18
5935-283-3825	64	7	5935-482-5020	85	18
5935-329-5249	140	68	5935-482-5121	97	15
5935-350-1827	157	3	5935-483-4026	160	8
5935-404-8719	108	13	5935-483-4029	40	58
5935-404-8893	26	26	5935-483-4102	49	20
5935-404-8893	104	3	5935-483-4103	49	19
5935-405-1172	104	41	5935-483-4105	157	4
5935-405-7596	78	22	5935-483-4106	78	16
5935-408-8261	119	12	5935-483-4108	78	37
5935-410-9250	2	83	5935-489-1997	40	61
5935-410-9250	40	60	5935-489-1997	75	1
5925-410-9250	62	54	5935-489-1997	140	32
5935-410-9250	78	2	5935-489-9999	15	4
5935-410-9250	104	32	5935-489-9999	48	9
5935-410-9250	140	35	5935-489-9999	60	2
5935-410-9252	38	6	5935-489-9999	63	5
5935-410-9252	57	2	5935-489-9999	64	47
5935-410-9252	78	50	5935-489-9999	78	51
5935-410-9252	103	3	5935-489-9999	102	1
5935-410-9252	133	11	5935-489-9999	103	2
5935-410-9252	150	18	5935-489-9999	104	35
5935-422-4784	26	18	5935-489-9999	116	2
5935-424-9164	49	5	5935-489-9999	120	4
5935-432-6513	3	21	5935-490-3743	4	12
5935-432-6513	16	17	5935-490-3743	4	12
5935-432-6513	42	1	5935-490-3743	5	15
5935-432-6513	118	11	5935-490-3743	6	14
5935-432-6513	140	60	5935-490-3743	7	16
5935-433-2453	119	33	5935-490-3743	8	18
5935-433-2453	125	11	5935-490-3743	9	13
5935-436-8628	3	19	5935-490-3743	10	10
5935-452-0594	78	58	5935-490-3743	11	17
5935-454-3014	26	31	5935-490-3743	12	11
5935-466-3394	21	19	5935-490-3743	13	20
5935-466-3394	104	26	5935-490-3743	14	14
5935-472-0274	26	8	5935-490-3743	17	9
5935-472-0275	49	8	5935-490-3743	43	17
5935-472-0277	78	49	5935-490-3743	13	
5935-472-0278	104	38	5935-490-3743	45	14
5935-472-0279	68	16	5935-490-3743	46	3
5935-476-4806	140	13	5935-490-3743	58	1
5935-476-4825	140	12	5935-490-3743	78	66
5935-476-4829	144	19	5935-490-3743	124	2
5935-476-4830	145	12	5935-490-3743	133	12
5935-476-4831	146	16	5935-490-3743	134	5
5935-476-4832	147	22	5935-490-3743	135	9
5935-476-4833	148	23	5935-490-3750	119	39
5935-476-7991	40	59	5935-490-5219	2	91
5935-476-7998	26	3	5935-490-5219	104	29
5935-477-1204	140	57	5935-490-5219	140	38
5935-490-5220	40	42			

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5935-490-5220	42	5	5935-880-4226	160	3
5935-490-5220	78	64	5935-892-9035	121	4
5935-490-5220	104	34	5935-892-9035	127	3
5935-490-5220	133	14	5935-892-9600	65	28
5935-490-5220	150	8	5935-901-3325	165	2
5935-490-8389	42	4	5935-901-3932	65	24
5935-490-8389	49	1	5935-901-6990	'0	20
5935-490-8389	72	13	5935-901-6992	65	39
5935-490-8389	74	6	5935-902-0383	77	27
5935-490-8389	76	16	5935-903-8008	3	14
5935-490-8389	137	31	5935-905-8470	123	5
5935-490-8389	140	34	5935-905-9881	2	85
5935-490-8389	149	1	5935-913-4969	119	38
5935-490-8697	119	32	5935-917-0336	157	15
5935-490-8706	104	47	5935-917-0336	133	18
5935-497-0929	26	12	5935-917-0336	135	13
5935-497-0930	49	17	5935-917-0336	137	30
5935-497-0930	150	6	5935-917-0336	150	21
5935-497-0931	78	7	5935-925-6266	19	51
5935-497-0933	78	13	5935-929-0412	40	54
5935-497-5578	140	18	5935-937-2783	18	12
5935-499-6945	140	17	5935-945-9555	16	18
5935-499-6946	142	12	5935-945-9555	85	27
5935-499-6947	141	22	5935-947-9363	160	7
5935-499-6947	143	21	5935-958-2108	119	36
5935-539-2045	64	8	5935-958-8462	19	38
5935-689-1884	26	10	5935-958-8462	77	36
5935-689-1885	78	11	5935-959-4929	101	16
5935-689-1886	35	16	5935-961-5347	64	48
5935-689-1887	36	19	5935-968-5462	40	55
5935-689-1889	80	12	5935-975-4139	77	39
5935-689-1890	81	14	5935-975-7026	50	12
5935-689-1891	83	16	5935-976-5425	26	32
5935-715-2756	22	6	5935-976-5425	40	33
5935-719-5452	75	14	5935-976-5425	78	3
5935-724-7577	2	89	5935-976-5425	157	6
5935-725-4446	40	15	5935-988-3543	40	56
5935-725-4471	3	17	5935-988-4231	3	15
5935-726-6487	2	87	5935-988-4231	3	18
5935-726-7074	65	37	5935-988-4231	40	19
5935-726-7074	78	60	5935-988-4231	65	36
5935-726-7075	26	29	5935-988-4274	26	28
5935-726-7075	140	47	5935-990-1481	16	3
5935-727-2247	150	17	5935-990-6219	4	26
5935-728-4730	40	25	5940-082-5002	120	2
5935-758-6033	140	11	5940-082-5002	126	6
5935-765-5988	2	84	5940-082-5002	134	2
5935-765-5989	2	86	5940-177-7974	127	2
5935-765-5991	2	82	5940-194-3243	61	4
5935-765-8573	78	59	5940-204-5241	123	4
5935-765-8573	65	38	5940-258-2109	61	6
5935-766-7964	22	13	5940-431-8457	20	23
5935-766-7964	78	56	5940-495-0997	77	28
5935-766-7998	2	93	5940-503-6764	25	3
5935-786-7408	20	26	5940-549-2744	161	1
5935-801-9311	62	49	5940-581-3600	127	4
5935-835-0508	119	37	5940-681-8184	46	15
5935-847-2803	19	39	5940-707-4262	133	7

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5940-727-5243	64	11	5950-103-7484	147	21
5940-827-2653	62	101	5950-155-0733	75	6
5940-935-8222	64	10	5q50-222-9241	65	13
5940-935-8222	77	29	5950-233-6853	93	16
5940-983-6043	140	10	5950-409-9101	140	62
5940-983-6044	3	22	5950-431-3619	140	30
5940-983-6045	62	37	5950-432-7333	76	5
5940-983-6046	157	5	5950-433-2441	74	7
5940-983-6047	62	56	5950-433-2442	74	1
5940-983-6047	104	48	5950-433-2443	74	5
5940-983-6048	78	54	5950-433-2444	74	3
5940-983-6048	150	29	5950-433-2445	74	4
5940-983-6050	75	10	5950-433-2446	74	8
5940-983-6051	40	9	5950-433-2448	47	2
5940-983-6051	78	53	5950-433-2449	113	15
5940-983-6053	49	2	5950-433-2449	149	16
5940-983-6055	42	10	5950-433-2450	113	14
5940-983-6057	65	5	5950-433-2451	75	8
5940-988-0317	140	41	5950-469-7467	103	6
5945-060-1365	75	12	5950-470-1417	149	9
5945-068-3927	22	4	5950-470-1418	149	15
5945-102-6139	75	7	5950-470-1441	76	6
5945-102-6139	103	4	5950-470-1442	76	9
5945-226-5241	40	21	5950-470-1442	104	24
5945-226-5241	47	4	5950-470-4382	113	34
5945-226-5241	75	11	5950-478-4969	122	7
5945-256-8951	95	9	5950-478-4972	126	8
5945-406-3075	120	3	5950-480-7690	74	2
5945-406-3075	124	3	5950-482-2165	119	15
5945-406-3076	14	12	5950-481-7112	113	33
5945-406-3076	30	15	5950-565-0999	55	37
5945-406-3076	31	10	5950-565-0999	56	45
5945-406-3076	38	5	5950-655-0842	125	8
5945-406-3076	48	8	5950-711-6926	92	13
5945-406-3076	50	10	5950-711-6926	106	16
5945-406-3076	54	19	5950-727-2680	86	21
5945-406-3076	67	8	5950-727-2680	97	14
5945-406-3076	91	3	5950-727-2680	112	13
5945-406-3076	96	9	5950-727-2680	141	21
5945-406-3076	134	4	5950-771-2089	87	21
5945-406-3076	155	17	5950-771-2089	88	18
5945-409-9095	77	33	5950-771-2089	90	19
5945-451-7561	103	5	5950-771-2089	98	19
5945-478-7662	91	4	5950-771-2089	144	18
5945-478-7662	148	20	5950-772-1807	113	13
5945-489-6802	54	20	5950-836-0369	89	14
5945-490-3696	149	11	5950-836-0369	121	5
5945-509-2831	77	38	5950-836-0369	123	3
5945-721-3280	76	15	5950-836-0369	125	7
5945-758-4024	76	14	5950-836-0369	126	7
5945-851-2875	94	14	5950-865-6208	129	12
5945-851-2875	96	10	5950-921-3411	154	9
5945-851-2875	107	9	5950-921-3418	148	21
5945-851-2875	143	19	5950-921-3420	4	11
5945-851-2875	152	6	5950-Q21-3420	5	14
5950-018-0988	21	11	5950-921-3420	6	13
5950-018-0988	105	22	5950-921-3420	7	15
5950-103-7484	129	11	5950-q21-3420	8	17



SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5950-921-3420	9	12	5961-050-7499	105	26
5950-921-3420	10	9	5961 050-7499	109	17
5950-921-3420	11	16	5961-050-7499	110	39
5950-921-3420	12	10	5961-050-7499	111	17
5950-921-3420	13	19	5961-050-7499	114	21
5950-921-3420	14	13	5961-050-7499	115	21
5950-921-3420	17	8	5961-050-7499	118	13
5950-921-3420	18	11	5961-050-7499	126	10
5950-921-3420	23	10	5961-050-7499	143	24
5950-921-3420	27	16	5961-050-7499	145	14
5950-921-3420	28	16	5961-050-7499	151	14
5950-921-3420	29	9	5961-050-7499	153	19
5950-921-3420	30	16	5961-050-7499	154	13
5950-921-3420	31	11	5961-052-0666	80	10
5950-921-3420	32	15	5961-054-0339	23	26
5950-921-3420	33	15	5961-054-0339	143	15
5950-921-3420	34	10	5961-059-2904	80	11
5950-921-3420	35	15	5961-059-2904	153	12
5950-921-3420	36	18	5961-064-2379	48	5
5950-921-3420	43	16	5961-064-2379	108	9
5950-921-3420	44	12	5961-064-2379	134	1
5950-921-3420	50	11	5961-069-2469	72	1
5950-921-3420	51	10	5961-069-2469	102	7
5950-921-3420	52	19	5961-081-6103	36	6
5950-921-3420	53	10	5961-081-6103	52	7
5950-921-3420	54	21	5961-085-0468	102	2
5950-921-3420	55	17	5961-085-0468	113	18
5950-921-3420	56	22	5961-087-6047	13	11
5950-921-3420	100	16	5961-087-6047	14	9
5950-921-3420	136	10	5961-087-6047	22	3
5950-921-3420	143	20	5961-087-6047	35	9
5950-921-3420	148	22	5961-087-6047	37	2
5950-926-3154	113	12	5961-087-6047	50	5
5950-926-3184	53	11	5961-087-6047	54	10
5950-929-2749	151	10	5961-087-6047	63	4
5955-721-3642	4	27	5961-087-6047	68	8
5955-882-8346	101	17	5961-087-6047	69	7
5960-167-0283	150	26	5961-087-6047	70	7
5960-169-2610	140	59	5961-087-6047	71	8
5960-243-3635	119	13	5961-087-6047	94	8
5961-001-7246	149	27	5961-087-6047	97	10
5961-011-7110	143	23	5961-087-6047	114	16
5961-022-5670	79	13	5961-087-6047	118	8
5961-022-5670	80	15	5961-087-6047	120	1
5961-022-5670	106	18	5961-087-6047	124	1
5961-022-5670	107	12	5961-087-6047	129	10
5961-022-5670	108	14	5961-087-6047	138	1
5961-022-5670	114	22	5961-087-6047	141	14
5961-022-5670	115	20	5961-087-6047	148	14
5961-022-5670	151	13	5961-087-6047	153	9
5961-022-5670	154	12	5961-087-6047	155	15
5961-022-5670	155	20	5961-087-6047	158	6
5961-022-5670	156	5	5961-087-6047	159	2
5961-050-7499	48	11	5961-102-1362	148	28
5961-050-7499	63	7	5961-104-0872	161	3
5961-050-7499	80	13	5961-104-8426	27	19
5961-050-7499	92	17	5961-104-9898	73	2
5961-050-7499	93	20	5961-104-9898	83	20

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5961-104-9900	50	16	5961-581-9700	85	9
5961-110-9202	89	18	5961-581-9700	87	13
5961-115-9923	15	6	5961-581-9700	118	7
5961-115-9923	46	13	5961-581-9700	142	6
5961-115-9923	72	4	5961-581-9700	145	7
5961-115-9923	102	3	5961-581-9700	146	6
5961-121-4996	88	23	5961-581-9700	148	13
5961-121-4996	155	22	5961-581-9700	151	6
5961-139-9927	106	7	5961-581-9700	153	8
5961-226-5134	69	9	5961-581-9700	154	5
5961-226-5134	70	9	5961-669-7107	27	11
5961-226-5134	118	10	5961-669-7107	129	7
5961-226-5134	146	9	5961-702-3435	77	37
5961-226-8576	112	17	5961-723-3602	71	5
5961-226-8579	5	18	5961-723-3602	149	4
5961-226-8579	6	16	5961-725-6121	34	6
5961-226-8579	18	15	5961-725-6121	36	5
5961-226-8579	28	19	5961-725-6121	52	8
5961-226-8579	37	7	5961-725-6121	54	14
5961-226-8579	55	21	5961-725-6121	67	5
5961-226-8579	85	19	5961-725-6121	86	15
5961-226-8579	86	25	5961-725-6121	87	14
5961-226-8579	87	25	5961-725-6121	88	11
5961-226-8579	88	22	5961-725-6121	92	8
5961-226-8579	91	6	5961-725-6121	93	9
5961-226-8579	92	16	5961-725-6121	94	10
5961-226-8579	93	19	5961-725-6121	95	5
5961-226-8579	98	22	5961-725-6121	96	6
5961-226-8579	105	25	5961-725-6121	99	11
5961-226-8579	110	41	5961-725-6121	101	4
5961-226-8579	141	24	5961-725-6121	105	13
5961-226-8579	144	21	5961-725-6121	106	10
5961-226-8579	148	24	5961-725-6121	114	15
5961-226-8579	151	15	5961-725-6121	115	15
5961-226-8579	154	14	5961-725-6121	129	9
5961-226-8579	155	23	5961-725-6121	143	14
5961-226-8687	72	9	5961-725-6121	147	12
5961-252-1577	5	20	5961-726-7836	10	14
5961-252-1577	6	18	5961-752-6081	14	17
5961-256-8940	161	4	5961-752-6081	142	14
5961-405-0465	15	7	5961-752-6081	148	27
5961-405-0465	46	8	5961-752-6163	142	7
5961-405-0465	118	15	5961-762-0201	68	6
5961-405-0465	161	5	5961-762-0201	69	5
5961-410-3978	149	17	5961-762-0201	71	12
5961-432-9183	149	24	5961-762-0201	81	6
5961-442-5113	28	18	5961-762-0201	82	6
5961-455-8578	113	8	5961-762-0201	142	5
5961-458-9516	79	14	5961-807-8315	67	6
5961-458-9516	80	14	5961-808-1636	54	12
5961-465-4192	18	14	5961-813-9009	102	6
5961-465-4192	53	14	5961-815-6895	95	4
5961-490-0318	90	22	5961-821-2309	4	6
5961-494-4961	149	25	5961-821-2309	7	8
5961-581-9700	81	7	5961-821-2309	8	10
5961-581-9700	82	7	5961-821-2309	11	11
5961-581-9700	83	9	5961-821-2309	30	5
5961-581-9700	84	5	5961-821-2309	31	3

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5961-821-2309	43	10	5961-842-9864	83	10
5961-821-2309	45	7	5961-842-9864	84	6
5961-821-2309	54	11	5961-842-9864	85	10
5961-821-2309	55	10	5961-842-9864	86	13
5961-821-2309	63	2	5961-842-9864	87	11
5961-821-2309	85	7	5961-842-9864	88	8
5961-821-2309	87	10	5961-842-9864	89	9
5961-821-2309	88	9	5961-842-9864	90	14
5961-821-2309	90	12	5961-842-9864	91	2
5961-821-2309	148	16	5961-842-9864	92	9
5961-821-2309	158	5	5961-842-9864	93	10
5961-821-2309	159	4	5961-842-9864	97	9
5961-825-7873	63	3	5961-842-9864	98	11
5961-826-6631	48	6	5961-842-9864	99	13
5961-826-6631	128	6	5961-842-9864	100	10
5961-829-3160	118	9	5961-842-9864	105	14
5961-836-0332	92	7	5961-842-9864	106	8
5961-836-0382	93	8	5961-842-9864	107	5
5961-836-0382	105	55	5961-842-9864	108	10
5961-836-0382	106	9	5961-842-9864	109	8
5961-836-0382	147	13	5961-842-9864	110	10
5961-837-9286	80	6	5961-842-9864	111	8
5961-842-9864	4	5	5961-842-9864	112	8
5961-842-9864	5	10	5961-842-9864	114	14
5961-842-9864	6	9	5961-842-9864	115	13
5961-842-9864	7	9	5961-842-9864	136	6
5961-842-9864	8	9	5961-842-9864	141	13
5961-842-9864	11	10	5961-842-9864	143	12
5961-842-9864	12	6	5961-842-9864	144	11
5961-842-9864	13	10	5962-842-9864	145	5
5961-842-9864	14	8	5961-842-9864	146	7
5961-842-9864	17	4	5961-842-9864	147	1t
5961-842-9864	18	8	5961-842-9864	148	12
5961-842-9864	27	10	5961-842-9864	155	14
5961-842-9864	28	9	5961-843-9430	146	18
5961-842-9864	29	8	5961-846-8157	86	12
5961-842-9864	30	4	5961-846-8157	88	12
5961-842-9864	32	8	5961-846-8157	89	8
5961-842-9864	33	5	5961-846-8157	90	11
5961-842-9864	34	7	5961-846-8157	94	11
5961-842-9864	35	8	5961-846-8157	95	6
5961-842-9864	36	7	5961-846-8157	96	5
5961-842-9864	43	9	5961-846-8157	98	13
5961-842-9864	45	6	5961-846-8157	99	12
5961-842-9864	48	7	5961-846-8157	101	5
5961-842-9864	50	4	5961-846-8157	114	13
5961-842-9864	51	6	5961-846-8157	115	14
5961-842-9864	52	6	5961-846-8157	122	4
5961-842-9864	53	6	5961-846-8157	129	8
5961-842-9864	54	9	5961-846-8157	143	13
5961-842-9864	55	9	5961-846-8157	144	13
5961-842-9864	56	9	5961-846-8157	145	6
5961-842-9864	66	5	5961-847-5246	5	11
5961-842-9864	71	7	5961-847-5246	6	10
5961-842-9864	79	8	5961-847-5246	27	12
5961-842-9864	80	8	5961-847-5246	33	4
5961-842-9864	81	8	5961-847-5246	48	3
5961-842-9864	82	8	5961-847-5246	68	7
5961-847-5246	69	6			

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5961-847-5246	70	6	5961-913-177	14	16
5961-847-5246	71	10	5961-913-1747	18	17
5961-847-5246	86	14	5961-913-1747	32	18
5961-847-5246	114	17	5961-913-1747	66	18
5961-847-5246	153	10	5961-913-1747	68	17
5961-847-5246	155	16	5961-913-1747	69	19
5961-848-7007	18	9	5961-913-1747	70	19
5961-848-7007	69	8	5961-913-1747	81	15
5961-848-7007	70	8	5961-913-1747	82	15
5961-852-5174	23	6	5961-913-1747	84	12
5961-852-7549	23	9	5961-913-1747	87	24
5961-852-7549	85	6	5961-913-1747	90	23
5961-852-7549	94	9	5961-913-1747	94	18
5961-852-7549	122	5	5961-913-1747	95	11
5961-852-7549	153	11	5961-913-1747	98	23
5961-855-7695	56	10	5961-913-1747	144	22
5961-865-9228	79	7	5961-914-7576	158	13
5961-878-4297	116	1	5961-010-4224	8	19
5961-879-3091	51	7	5961-919-4224	12	14
5961-879-3091	93	11	5961-919-4224	143	17
5961-879-3091	105	15	5961-923-3940	68	10
5961-880-4779	109	18	5961-923-3040	81	9
5961-880-4779	110	40	5961-923-3940	82	9
5961-880-4779	111	18	5961-923-3940	83	11
5961-880-4779	145	15	5961-923-3040	87	15
5961-880-4779	153	18	5961-923-3940	148	15
5961-883-6064	11	9	5961-923-3Q51	15	5
5961-883-6064	28	10	5961-923-3951	46	16
5961-883-6064	71	6	5961-923-3851	47	6
5961-890-9867	28	22	5961-923-3951	60	1
5961-890-9867	35	18	5061-923-3951	72	6
5961-890-9867	86	23	5961-923-3951	83	19
5961-890-9867	94	17	5961-923-3951	102	4
5961-890-9867	143	22	5961-923-3940	116	3
5961-892-0886	71	11	5961-923-3951	138	14
5961-892-0886	79	10	5961-923-3951	149	19
5961-892-0919	71	9	5961-925-3777	146	17
5961-892-0919	79	9	5961-925-3777	5	19
5961-892-0919	80	9	5961-925-3777	6	17
5961-892-3361	53	7	5961-925-3777	12	12
5961-894-0684	23	8	5961-925-3777	13	22
5961-894-0684	68	9	5961-925-3777	27	22
5961-894-0684	80	5	5961-925-3777	28	21
5961-894-0684	85	8	5961-925-3777	29	12
5961-894-0684	122	6	5961-925-3777	33	18
5961-894-0684	128	5	5961-925-3777	34	13
5961-894-0684	146	8	5961-925-3777	35	19
5961-899-8173	38	3	5961-925-3777	37	6
5961-899-8173	40	62	5961-925-3777	48	10
5961-899-8173	75	16	5961-925-3777	50	14
5961-899-8173	77	32	5961-925-3777	51	12
5961-899-8173	79	11	5961-925-3777	53	13
5961-899-8173	103	9	5961-925-3777	54	24
5961-905-4815	122	9	5961-925-3777	71	20
5961-905-4815	151	12	5961-925-3777	73	1
5961-911-6015	122	10	5961-925-3777	83	17
5961-911-6015	128	8	5961-925-3777	86	26
5961-911-6015	128	9			

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5961-925-3777	88	24	5961-951-8757	28	23
5961-925-3777	89	17	5961-951-8757	29	11
5961-925-3777	97	18	5961-951-8757	30	18
5961-925-3777	99	19	5961-951-8757	31	13
5961-925-3777	112	18	5961-951-8757	32	17
5961-925-3777	118	12	5961-951-8757	33	19
5961-925-3777	129	14	5961-951-8757	34	12
5961-925-3777	141	25	5961-951-8757	35	17
5961-925-3777	142	13	5961-951-8757	36	20
5961-925-3777	148	26	5961-951-8757	37	5
5961-925-3777	153	17	5961-951-8757	38	7
5961-925-3777	155	21	5961-951-8757	43	18
5961-926-2569	48	13	5961-951-8757	45	15
5961-926-2569	66	8	5961-951-8757	48	12
5961-926-2569	97	17	5961-951-8757	50	13
5961-926-2569	158	14	5961-951-8757	51	13
5961-926-7294	122	8	5961-951-8757	54	23
5961-926-7294	128	7	5761-951-8757	55	19
5961-932-9318	27	20	5961-951-8757	56	24
5961-946-6643	7	18	5961-951-8757	63	6
5961-946-6643	12	13	5961-951-8757	66	9
5961-946-6643	45	16	5961-951-8757	67	10
5961-946-6643	88	21	5961-951-8757	79	15
5961-946-6643	89	19	5961-951-8757	80	16
5961-946-6643	90	24	5961-951-8757	81	16
5961-946-6643	92	15	5961-951-8757	82	16
5961-946-6643	94	16	5961-951-8757	83	18
5961-946-6643	95	13	5961-951-8757	84	13
5961-946-6643	99	21	5961-951-8757	85	20
5961-949-1440	55	20	5961-951-8757	86	24
5961-949-7342	27	21	5961-951-8757	87	23
5961-949-7342	33	17	5961-951-8757	88	20-
5961-949-7342	50	15	5961-951-8757	89	16
5961-949-7342	51	15	5961-951-8757	90	21
5961-950-9881	48	4	5961-951-8757	91	7
5961-950-9881	54	13	5961-951-8757	93	18
5961-950-9881	67	4	5961-951-8757	94	19
5961-950-9881	85	5	5961-951-8757	95	12
5961-950-9881	87	12	5961-951-8757	97	16
5961-950-9881	89	7	5961-951-8757	98	21
5961-950-9881	98	12	5961-951-8757	99	20
5961-950-9881	99	14	5961-951-8757	100	18
5961-950-9881	136	5	5961-951-8757	101	7
5961-950-9881	144	12	5961-951-8757	105	24
5961-951-5474	14	10	5961-951-8757	107	11
5961-951-5474	120	5	5961-951-8757	108	15
5961-951-5474	134	3	5961-951-8757	109	16
5961-951-8757	4	13	5961-951-8757	110	38
5961-951-8757	5	17	5961-951-8757	111	16
5961-951-8757	7	17	5961-951-8757	112	15
5961-951-8757	8	20	5961-951-8757	113	17
5961-951-8757	10	12	5961-951-8757	115	19
5961-951-8757	12	15	5961-951-8757	129	13
5961-951-8757	13	21	5961-951-8757	141	23
5961-951-8757	14	15	5961-951-8757	144	20
5961-951-8757	17	10	5961-951-8757	145	13
5961-951-8757	18	16	5961-951-8757	146	19
5961-951-8757	23	11	5961-951-8757	148	25
5961-951-8757	27	23			

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5961-951-8757	151	16	5962-117-6091	147	49
5961-951-8757	153	16	5962-117-6092	53	24
5961-951-8757	154	11	5962-117-6092	100	29
5961-951-8757	155	19	5962-245-5232	54	51
5961-951-8757	158	12	5962-245-5232	67	29
5961-951-8757	159	6	5962-245-5232	85	43
5961-951-8868	147	14	5962-245-5232	86	57
5961-954-6100	147	24	5962-245-5325	32	34
5961-957-6865	70	5	5962-245-5325	93	50
5961-957-6865	83	8	5962-245-5325	94	41
5961-957-6865	84	4	5962-245-5325	96	22
5961-957-6865	146	5	5962-245-5325	105	54
5961-957-6865	153	7	5962-245-5325	106	31
5961-978-5966	15	3	5962-245-5325	114	45
5961-978-5966	46	11	5962-245-5325	115	46
5961-978-5966	72	18	5962-245-5325	129	23
5961-985-4487	79	6	5962-245-5325	143	45
5961-985-4581	80	7	5962-245-5325	147	50
5961-985-8829	48	14	5962-245-5325	152	17
5961-985-9076	147	23	5962-245-5325	155	49
5961-995-2310	10	5	5962-247-3394	45	26
5961-995-2310	23	7	5962-248-2636	23	25
5961-995-2310	29	7	5962-248-2636	29	27
5961-995-2310	32	7	5962-248-2636	34	28
5961-995-2310	35	7	5962-248-2636	35	37
5961-995-2310	37	3	5962-248-2636	36	30
5961-995-2310	66	6	5962-248-2636	52	44
5961-995-2310	67	3	5962-248-2636	87	44
5961-995-2310	84	7	5962-248-2636	88	54
5961-995-2310	87	9	5962-248-2636	92	35
5961-995-2310	88	10	5962-248-2636	93	51
5961-995-2310	90	13	5962-248-2636	94	40
5961-995-2310	159	3	5962-248-2636	95	32
5961-996-1805	72	2	5962-248-2636	101	18
5961-996-1805	112	16	5962-248-2636	147	52
5961-998-9324	10	13	5962-470-4303	35	38
5962-117-6075	45	24	5962-470-4303	89	38
5962-117-6075	89	37	5962-470-4303	147	53
5962-117-6075	100	28	5962-861-3220	5	38
5962-117-6075	147	54	5962-861-3220	6	36
5962-117-6075	158	22	5962-861-3220	7	33
5962-117-6089	8	37	5962-861-3220	8	38
5962-117-6089	30	25	5962-861-3220	9	26
5962-117-6089	31	18	5962-861-3220	10	35
5962-117-6089	147	55	5962-861-3220	11	34
5962-117-6090	105	53	5962-861-3220	13	37
5962-117-6090	147	56	5962-861-3220	14	33
5962-117-6091	4	29	5962-861-3220	23	24
5962-117-6091	7	34	5962-861-3220	28	48
5962-117-6091	30	24	5962-861-3220	43	32
5962-117-6091	31	17	5962-861-3220	44	27
5962-117-6091	34	29	5962-861-3220	52	43
5962-117-6091	35	39	5962-861-3220	54	50
5962-117-6091	43	31	5962-861-3220	55	38
5962-117-6091	45	27	5962-861-3220	56	46
5962-117-6091	53	23	5962-861-3220	68	33
5962-117-6091	63	20	5962-861-3220	69	32
5962-117-6091	95	33	5962-861-3220	70	33

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
5962-861-3220	71	34	5999-410-4298	104	18
5962-861-3220	79	32	5999-411-7645	5	39
5962-861-3220	80	31	5999-411-7645	6	37
5962-861-3220	81	26	5999-411-7645	10	11
5962-861-3220	82	26	5999-411-7645	17	5
5962-861-3220	83	36	5999-411-7645	46	4
5962-861-3220	85	44	5999-411-7645	49	4
5962-861-3220	86	56	5999-462-6876	49	6
5962-861-3220	87	43	5999-482-2190	125	5
5962-861-3220	88	55	5999-484-5513	143	16
5962-861-3220	89	35	6105-186-6603	20	33
5962-861-3220	90	56	6105-186-6662	21	13
5962-861-3220	92	36	6105-226-3165	62	67
5962-861-3220	95	31	6105-257-1112	2	67
5962-861-3220	98	47	6105-257-1112	61	1
5962-861-3220	99	41	6105-426-1124	62	94
5962-861-3220	109	37	6105-426-1132	57	15
5962-861-3220	110	42	6105-433-2407	64	1
5962-861-3220	111	36	6105-433-2408	57	14
5962-861-3220	114	46	6105-480-1341	2	95
5962-861-3220	115	47	6110-231-7788	117	2
5962-861-3220	118	31	6110-403-5826	117	1
5962-861-3220	136	22	6110-408-2641	140	8
5962-861-3220	142	26	6110-449-0578	65	8
5962-861-3220	144	40	6110-449-0579	65	21
5962-861-3220	145	40	6110-449-0580	65	9
5962-861-3220	146	36	6110-480-7630	62	43
5962-861-3220	147	51	6110-480-7631	62	97
5962-861-3220	148	49	6110-489-0412	65	7
5970-144-7425	46	9	6130-185-8095	117	3
5970-253-6024	46	12	6210-433-0856	137	17
5970-254-6677	46	10	6210-480-1298	62	25
5975-020-3286	20	32	6240-155-7836	137	19
5975-727-5153	104	28	6240-230-0836	24	1
5985-140-0096	115	18	6240-878-1965	137	24
5990-433-2356	20	31	6240-954-7853	62	26
5995-007-2696	104	30	6605-588-6602	57	9
5995-007-2596	125	9	6615-402-9674	2	17
5995-414-6365	16	8	6625-422-2112	166	
5995-415-1639	16	6	6625-459-3349	135	7
5995-415-1640	16	7	6625-459-3404	135	8
5995-416-8284	16	13	6625-910-5972	140	40
5995-417-3088	16	10	6645-230-3753	19	37
5995-422-2114	16	11	6645-255-1371	2	23
5995-422-2115	16	9	6645-255-1371	26	30
5995-433-0855	16	12	6645-255-1371	40	3
5995-480-1300	16	16	6645-255-1371	65	17
5995-480-5726	3	20	6645-255-1371	77	25
5995-480-5727	2	90	6645-255-1371	78	63
5995-480-5728	26	23	6645-255-1371	104	5
5995-480-5731	40	63	6645-255-1371	140	39
5995-480-5732	62	100	6645-255-1371	150	20
5995-480-5733	49	3	6650-407-0745	59	10
5995-480-7662	16	14	6650-408-2617	59	13
5999-142-5787	149	2	6650-408-2621	41	11
5999-239-3338	62	17	6650-408-2622	2	49
5999-408-2643	19	8	6650-408-4963	59	9

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

STOCK NUMBER	FIG NO	ITEM NO	STOCK NUMBER	FIG. NO	ITEM NO
6650-408-4966	2	46			
6650-408-4967	2	36			
6650-408-4972	2	73			
6650-408-5968	2	34			
6650-427-7858	24	2			
6680-463-3933	157	8			
6685-128-2318	167				
6685-689-3424	77	8			
6760-433-2421	62	73			
6760-466-2062	1	6			
6760-938-0307	39	2			



SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AN931A162	88044	77	9	CK05BX102K	81349	33	2
API-8025	07342	166		CK05BX102K	81349	36	1
A3417069	31949	77	41	CK05BX102K	81349	50	3
A3543128	31949	19	63	CK05BX102K	81349	52	1
A3734030	31949	19	75	CK05BX102K	81349	53	2
A3734040	31949	19	66	CK05BX102K	81349	54	1
A3734041	31949	19	69	CK05BX102K	81349	56	3
A3734045	31949	19	53	CK05BX102K	81349	136	1
A3734056	31949	19	91	CK05BX102K	81349	151	5
A3734077	31949	19	90	CK05BX102K	81349	153	5
A3734078	31949	19	79	CK05BX102K	81349	155	2
A3850040	31949	77	26	CK05BX103K	81349	158	2
A3850052	31949	77	23	CK05BX221K	81349	52	4
A3850054	31949	77	30	CK05BX221K	81349	54	3
A3850084	31949	19	73	CK05BX221K	81349	56	6
A3851014	31949	19	86	CK05BX221K	81349	136	4
B3734023	31949	19	83	CK05BX330K	81349	100	9
B3734024	31949	19	61	CK05BX471K	81349	144	10
B3734039	31949	19	62	CKO5BX471K	81349	155	5
B3734080	31949	19	58	CK05BX681K	81349	29	3
B3734142	31949	19	94	CK06BX103K	81349	4	1
B3734143	31949	19	92	CK06BX103K	81349	5	1
B3734173	31949	19	88	CK06BX103K	81349	6	1
B3734237	31949	19	84	CK06BX103K	81349	7	1
B3821020	31949	77	12	CK06BX103K	81349	8	2
B3821029	31949	77	3	CK06BX103K	81349	9	1
B3821036G1	31349	77	11	CK06BX103K	81349	10	1
B3821046	31349	19	93	CK06BX103K	81349	11	1
B3821066	31949	77	22	CK06BX103K	81349	12	1
B3821077	31949	19	65	CK06BX103K	81349	15	1
B3850014	31949	19	46	CK06BX103K	81349	23	5
B3850017	31949	19	32	CK06BX103K	81349	28	6
B3850034	31949	77	18	CK06BX103K	81349	29	4
B3850053	31949	77	14	CK06BX103K	81349	32	3
B3850055	31949	77	31	CK06BX103K	81349	34	1
B3850073	31949	77	20	CK06BX103K	81349	35	4
B3850075	31949	77	21	CK06BX103K	81349	36	3
B3850082	31949	19	80	CKO6BX103K	81349	43	1
B3850085	31949	77	5	CK06BX103K	81349	44	1
B3850088	31949	19	76	CKO6BX103K	81349	45	1
B3850107	31949	77	24	CK06BX103K	81349	46	7
B3850108	31949	19	70	CK06BX103K	81349	48	1
B3851013	31949	19	67	CK06BX103K	81349	51	3
C-8181/AAS-24	80058	132	8	CK06BX103K	81349	52	5
C-8183/AAS-24	80058	132	2	CK06BX103K	81349	53	1
CG3750	76427	165	1	CK06BX103K	81349	54	8
CH09A1NC1014K	81349	143	10	CK06BX103K	81349	55	1
CH09A1NC225K	81349	57	25	CK06BX103K	81349	68	3
CH09A1NE104K	81349	107	4	CK06BX103K	81349	69	3
CH09A1NE104K	81349	108	7	CK06BX103K	81349	70	3
CK05BX100K	81349	56	5	CK06BX103K	81349	71	3
CK0SBX101K	81349	99	9	CK06BX103K	81349	81	4
CK05BX102K	81349	17	2	CK06BX103K	81349	82	4
CK05BX102K	81349	21	12	CK06BX103K	81349	83	5
CK05BX102K	81349	23	1	CK06BX103K	81349	86	5
CK05BX102K	81349	29	1	CK06BX103K	81349	87	1
CK05BX102K	81349	30	2	CK06BX103K	81349	88	1
CK05BX102K	81349	31	1	CK06BX103K	81349	89	1
CK05BX102K	81349	32	1				

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CK06BX103K	81349	90	1	CK06BX472K	81349	43	5
CK06BX103K	81349	91	1	CK06BX472K	81349	44	2
CK06BX103K	81349	92	2	CK06BX472K	81349	52	3
CK06BX103K	81349	93	1	CK06BX472K	81349	54	2
CK06BX103K	81349	94	2	CK06BX472K	81349	56	4
CK06BX103K	81349	95	1	CK06BX472K	81349	136	3
CK06BX103K	81349	96	2	CK06BX683K	81349	118	4
CK06BX103K	81349	97	8	CK12BX331K	81349	141	9
CK06BX103K	81349	98	8	CK13BX103K	81349	155	6
CK06BX103K	81349	105	2	CK14BX473K	81349	113	3
CK06BX103K	81349	106	1	CK15BX104K	81349	72	19
CK06BX103K	81349	109	2	CK15BX104K	81349	81	1
CK06BX103K	81349	110	2	CK15BX104K	81349	82	1
CK06BX103K	81349	111	2	CK15BX104K	81349	83	2
CK06BX103K	81349	112	1	CK15BX104K	81349	84	1
CK06BX103K	81349	113	1	CK15BX104K	81349	89	5
CK06BX103K	81349	115	4	CK15BX104K	81349	92	6
CK06BX103K	81349	118	2	CK15BX104K	81349	109	3
CK06BX103K	81349	126	1	CK15BX104K	81349	110	3
CK06BX103K	81349	129	5	CK15BX104K	81349	111	3
CK06BX103K	81349	141	1	CK15BX104K	81349	142	1
CK06BX103K	81349	143	1	CK15BX104K	81349	146	1
CK06BX103K	81349	144	8	CK15BX104K	81349	148	1
CK06BX103K	81349	145	1	CK60AW102M	81349	122	1
CK06BX103K	81349	147	2	CK60AW102M	81349	126	4
CK06BX103K	81349	148	11	CK60AW102M	81349	128	1
CK06BX103K	81349	153	1	CK63AW103M	81349	80	4
CK06BX103K	81349	155	1	CK63AW103M	81349	84	3
CK06BX103K	81349	159	1	CK63AW10M	81349	85	1
CK06BX103M	81349	99	1	CK63AW103M	81349	101	3
CK06BX103M	81349	114	2	CK63AW103M	81349	108	1
CK06BX104K	81349	5	8	CK63AW103M	81349	143	9
CK06BX104K	81349	6	5	CK63AW103M	81349	148	6
CK06BX104K	81349	23	2	CK63AW103M	81349	151	3
CK06BX104K	81349	68	1	CK63AW103M	81349	153	6
CK06BX104K	81349	69	1	CK63AW103M	81349	154	3
CK06BX104K	81349	70	1	CK63AW103M	81349	156	3
CK06BX104K	81349	71	1	CK70AW1021M	81349	125	2
CK06BX104K	81349	83	1	CK72AX102M	81349	121	2
CK06BX104K	81349	85	4	CK72AX102M	81349	123	1
CK06BX104K	81349	99	10	CK72AX102M4	81349	125	3
CK06BX104K	81349	149	3	CK72AX102M	81349	143	11
CK06BX104K	81349	151	1	CL17BH6514PG	81349	76	10
CK06BX104K	81349	152	1	CL17BK2011PG	81349	47	5
CK06BX104K	81349	154	1	CL17BK201APG	81349	104	25
CK06BX104K	81349	156	1	CL17BK351MPG	81349	76	4
CK06BX222K	81349	7	7	CL17BM121MPG	81349	76	12
CK06BX222K	81349	29	5	CL17BM451MPG	81349	76	1
CK06BX222K	81349	32	6	CL21BJ180TPE	81349	68	4
CK06BX223K	81349	29	6	CL21BJ4R5TPE	81349	118	5
CK06BX392K	81349	155	13	CL21BL120TPE	81349	69	4
CK06BX472K	81349	5	6	CL21BL120TPE	81349	70	4
CK06BX472K	81349	6	7	CL21BNO80SPE	81349	81	5
CK06BX472K	81349	7	6	CL21BNO80SPE	81349	82	5
CK06BX472K	81349	8	5	CL21BN250SPE	81349	71	4
CK06BX472K	81349	9	2	CL65BB300MPE	81349	67	2
CK06BX472K	81349	10	3	CL65BE2711PE	81349	84	2
CK06BX472K	81349	11	3	CL65BG1011PE	81349	83	3
CK06BX472K	81349	32	5				

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CL65BH080MPE	81349	148	5	CM05FD101J03	81349	105	6
CL65BH400MPE	81349	151	2	CM05FD101J03	81349	109	4
CL65BH400MPE	81349	154	2	CM05FD101J03	81349	110	4
CL65BJ100MPE	81349	148	8	CM05FD101J03	81349	111	4
CL65BN100MPE	81349	149	8	CM05FD101J03	81349	114	1
CL65BN110MPE	81349	67	1	CM05FD101J03	81349	115	2
CL65BN110MPE	81349	105	8	CM05FD101J03	81349	154	4
CM05CD050D03	81349	126	2	CM05FD121J03	81349	100	5
CM05CD050D03	8134a	129	3	CM05FD121J03	81349	105	3
CM05CD050D03	81349	137	18	CM05FD121J03	81349	107	3
CM05CD100D03	81349	99	8	CM05FD121J03	81 349	108	3
CM05CD100D03	81349	106	5	CM05FD121J03	81349	147	5
CM05CD100D03	81349	129	1	CM05FD151J03	81349	96	4
CM05CD180J03	81349	5	7	CM05FD151J03	81349	147	9
CM05CD180J03	81349	11	5	CM05FD181J03	81349	8	1
CM05CD180J03	81349	93	3	CM05FD181J03	81349	43	3
CM05ED200J03	81349	28	8	CM05FD181J03	81349	97	5
CM05FD200J03	81349	92	5	CM05FD181J03	81349	147	10
CM05FD200J03	81349	109	5	CM05FD201J03	81349	92	4
CM05FD200J03	81349	110	5	CM05FD201J03	81349	99	2
CM05FD200J03	81349	111	5	CM05FD201J03	81349	141	7
CM05FD200J03	81349	114	10	CM05FD201J03	81349	147	6
CM05ED200J03	81349	115	10	CM05FD201J03	81349	155	4
CM05ED221J03	81349	5	5	CM05FD221J03	81349	6	6
CM05ED270J03	81349	13	4	CM05FD221J03	81349	7	3
CM05FD270J03	81349	14	6	CM05FD221J03	81349	8	6
CM05ED270J03	81349	45	5	CM05FD221J03	81349	9	4
CM05ED330J03	81349	128	2	CM05FD221J03	81349	10	4
CM05FD330J03	81349	143	6	CM05FD221J03	81349	11	4
CM05ED390J03	81349	4	4	CM05FD221J03	81349	23	4
CM05FD390J03	81349	86	7	CM05FD221J03	81349	43	6
CM05FD470J03	81349	4	3	CM05FD221J03	81349	44	4
CM05ED510J03	81349	03	5	CM05FD221J03	81349	45	3
CM05FD470J03	81349	96	3	CM05FD221J03	81349	55	8
CM05FD470J03	81349	105	12	CM05FD221J03	81349	68	2
CM05FD470J03	81349	126	3	CM05FD221J03	81349	69	2
CM05ED470J03	81349	146	3	CM05FD221J03	81349	70	2
CM05ED510J03	81349	27	4	CM05FD221J03	81349	71	2
CM05ED510J03	81349	32	4	CM05FD221J03	81349	81	3
CM05FD510J03	81349	86	11	CM05FD221J03	81349	82	3
CM05ED510J03	81349	94	5	CM05FD221J03	81349	83	4
CM05FD510J03	81349	106	4	CM05FD221J03	81349	85	3
CM05FD510J03	81349	108	8	CM05FD221J03	81349	86	4
CM05ED510J03	81349	129	6	CM05FD221J03	81349	87	8
CM05ED510J03	81349	141	5	CM05FD221J03	81349	88	5
CM05FD510J03	81349	143	5	CM05FD221J03	81349	89	3
CM05ED510J03	81349	148	2	CM05FD221J03	81349	90	3
CM05ED510J03	81349	152	3	CM05FD221J03	81349	94	3
CM05ED510J03	8L349	155	10	CM05FD221J03	81349	95	3
CM05ED620J03	81349	79	2	CM05FD221J03	81349	98	9
CM05FD620J03	81349	80	2	CM05FD221J03	81349	114	11
CM05ED620J03	81349	122	3	CM05FD221J03	81349	115	8
CM05ED680J03	81349	99	7	CM05FD221J03	81349	118	6
CM05ED680J03	81349	114	5	CM05FD221J03	81349	141	8
CM05ED680J03	81349	115	5	CM05FD221J03	81349	142	3
CM05ED820J03	81349	105	5	CM05FD221J03	81349	144	9
CM05FD820J03	81349	147	11	CM05FD221J03	81349	145	4
CM05FD101J03	81349	101	2	CM05FD221J03	81 349	148	7

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CM05FD331J03	81349	12	5	CM06FD272J03	81349	105	2
CM05FD331J03	81349	27	5	CM06FD302J03	81349	97	4
CM05FD331J03	81349	55	3	CM06FD332J03	81349	86	9
CM05FD361J03	81349	105	7	CM06FD332J03	81349	112	4
CM05FD391J03	81349	13	3	CM06FD431J03	81349	100	3
CM05FD391J03	81349	94	7	CM06FD431J03	81349	105	4
CM05FD391J03	81349	97	3	CM06FD471J03	81349	108	6
CM05FD391J03	81349	108	6	CM06FD471J03	81349	34	4
CM05FD391J03	81349	141	3	CM06FD471J03	81349	109	6
CM05FD391J03	81349	147	3	CM06FD471J03	81349	110	6
CM05FD391J03	81349	155	3	CM06FD471J03	81349	111	6
CM06FD102J03	81349	7	4	CM06FD471J03	81349	114	8
CM06FD102J03	81349	8	7	CM06FD471J03	81349	115	12
CM06FD102J03	81349	13	1	CM06FDL72J03	81349	13	9
CM06FD102J03	81349	14	2	CM06FD472J03	81349	28	4
CM06FD102J03	81349	18	2	CM06FDZ72J03	81349	55	7
CM06FD102J03	81349	27	1	CM06FD472J03	81349	55	2
CM06FD102J03	81349	28	1	CM06FD472J03	81349	86	3
CM06FD102J03	81349	35	1	CM06FD472J03	81349	87	7
CM06FD102J03	81349	51	1	CM06FD472J03	81349	88	4
CM06FD102J03	81349	86	1	CM06FD472J03	81349	89	2
CM06FD102J03	81349	87	4	CM06FD472J03	81349	90	2
CM06FD102J03	81349	90	5	CM06FD472J03	81349	92	3
CM06FD102J03	81349	93	6	CM06FD472J03	81349	95	2
CM06FD102J03	81349	94	4	CM06FD472J03	81349	98	4
CM06FD102J03	81349	97	6	CO06FD472J03	81349	99	5
CM06FD102J03	81349	98	1	CM06FD472J03	81349	114	9
CM06FD102J03	81349	99	4	CM06FD472J03	81349	115	7
CM06FD102J03	81349	105	9	CM06FD472J03	81349	142	4
CM06FD102J03	81349	106	3	CM06FD472J03	81349	144	4
CM06FD102J03	81349	114	3	CM06FD472J03	81349	145	3
CM06FD102J03	81349	115	3	CM06FD472J03	81349	147	4
CM06FD102J03	81349	129	4	CM06FD472J03	81849	148	0
CM06FD102J03	81349	141	6	CM06FD511J03	81349	112	3
CM06FD102J03	81349	143	4	CM06FD511J03	81349	13	5
CM06FD102J03	81349	144	1	CM06FD511J03	81349	14	5
CM06FD102J03	81349	148	3	CM06FD511J03	81349	28	7
CM06FD102J03	81349	152	2	CM06FD561J03	81349	18	7
CM06FD112J03	81349	155	7	CM06FD621J03	81349	147	8
CM06FD122J03	81349	108	4	CM06FD681J03	81349	28	3
CM06FD152J03	81349	50	2	CM06FD681J03	81349	141	4
CM06FD152J03	81349	79	3	CM06FD681J03	81349	143	7
CM06FD152J03	81349	80	3	CM06FD681J03	81349	148	10
CM06FD152J03	81349	100	4	CM07FD103J03	81349	55	6
CM06FD152J03	81349	146	4	CM07FD103J03	81349	90	7
CM06FD202J03	81349	8	8	CM07FD103J03	81349	96	1
CM06FD202J03	81349	45	4	CM07FD103J03	81349	155	9
CM06FD202J03	81349	148	4	CM07FD163J03	81349	90	10
CM06FD222J03	81349	13	6	CM07FD183J03	81349	113	6
CM06FD222J03	81349	90	9	CM07FD512J03	81349	94	6
CM06FD222J03	81349	93	4	CM08FD223J03	81349	149	18
CM06FD222J03	81349	105	11	CM8-680	71744	137	24
CM06FD222J03	81349	112	6	CQ09A1MA183G3	81349	56	1
CM06FD222J03	81349	114	7	CR201	00141	19	55
CM06FD222J03	81349	115	9	CR25BU288-00KH7	81349	4	27
CM06FD272J03	81349	27	9	CR37AU100KH	81349	101	17
CM06FD272J03	81349	33	3	CSR13B337KL	81349	27	7
CM06FD272J03	81349	93	7	CSR13B337KL	81349	143	2

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CSR13B565KL	81349	100	7	CSR13F226KL	81349	144	2
CSR13B566KL	81349	89	4	CSR13F226KL	81349	149	7
CSR13B685KL	81349	86	8	CSR13F336KL	81349	32	2
CSR13B685KL	81349	147	7	CSR13F476KL	81349	87	5
CSR13C107KL	81349	51	5	CSR13F476KL	81349	90	8
CSR13C127KL	81349	86	6	CSR13F476KL	81349	98	3
CSR13C127KL	81349	98	6	CSR13F476KL	81349	100	1
CSR13C127KL	81349	144	6	CSR13F476KL	81349	109	1
CSR13C336KL	81349	34	2	CSR13F476KL	81349	110	1
CSR13C396KL	81349	53	5	CSR13F476KL	81349	111	1
CSR13C396KL	81349	63	1	CSR13F476KL	81349	144	3
CSR13C396KM	81349	54	6	CSR13F476KL	81349	153	3
CSR13C475KL	81349	34	5	CSR13F565KL	81349	100	6
CSR13C475KL	81349	86	10	CSR13F685KL	81349	4	2
CSR13C475KL	81349	88	6	CSR13F685KL	81349	5	2
CSR13C475KL	81349	98	7	CSR13F685KL	81349	6	2
CSR13C475KL	81349	106	2	CSR13F685KL	81349	7	2
CSR13C475KL	81349	144	7	CSR13F685KL	81349	8	3
CSR13C475KL	81349	155	11	CSR13F685KL	81349	9	3
CSR13E106KL	81349	110	9	CSR13F685KL	81349	10	2
CSR13E107KL	81349	28	5	CSR13F685KL	81349	11	2
CSR13E107KL	81349	152	4	CSR13F685KL	81349	12	2
CSR13E107KL	81349	153	4	CSR13F685KL	81349	13	2
CSR13E125KL	81349	27	3	CSR13F685KL	81349	14	4
CSR13E125KL	81349	53	4	CSR13F685KL	81349	17	3
CSF13E125KL	81349	66	1	CSR13F685KL	81349	18	4
CSR13E125KL	81349	83	7	CSR13F685KL	81349	30	3
CSR13E125KL	81349	151	4	CSR13F685KL	81349	31	2
CSR13E125KL	81349	155	12	CSR13F685KL	81349	35	3
CSR13E126KL	81349	66	4	CSR13F685KL	81349	36	2
CSR13E156KL	81349	54	7	CSR13F685KL	81349	43	2
CSR13E156KL	81349	88	3	CSR13F685KL	81349	44	3
CSR13E156KL	81349	90	6	CSR13F685KL	81349	48	2
CSR13E156KL	81349	143	3	CSR13F685KL	81349	52	2
CSR13E336KL	81349	27	2	CSR13F685KL	81349	53	3
CSR13E336KL	81349	28	2	CSR13F685KL	81349	54	4
CSR13E336KL	81349	29	2	CSR13F685KL	81349	55	2
CSR13E336KL	81349	33	1	CSR13F685KL	81349	56	2
CSR13E336KL	81349	34	3	CSR13F685KL	81349	83	6
CSR13E336KL	81349	35	2	CSR13F685KL	81349	86	2
CSR13E336KL	81349	50	1	CSR13F685KL	81349	88	2
CSR13E336KL	81349	51	2	CSR13F685KL	81349	94	1
CSR13E476KL	81349	45	2	CSR13F685KL	81349	97	7
CSR13E476KL	81349	87	2	CSR13F685KL	81349	99	3
CSR13E476KL	81349	100	2	CSR13F685KL	81349	107	1
CSR13E476KL	81349	112	5	CSR13F685KL	81349	108	2
CSR13E476KL	81349	113	5	CSR13F685KL	81349	109	7
CSR13F226KL	81349	13	8	CSR13F685KL	81349	110	8
CSR13F226KL	81349	14	7	CSR13F685KL	81349	111	7
CSR13F226KL	81349	18	5	CSR13F685KL	81349	112	2
CSR13F226KL	81349	66	3	CSR13F685KL	81349	113	2
CSR13F226KL	81349	98	2	CSR13F685KL	81349	114	4
CSR13F226KL	81349	108	5	CSR13F685KL	81349	115	1
CSR13F226KL	81349	114	12	CSR13F685KL	81349	118	3
CSR13F226KL	81349	115	11	CSR13F685KL	81349	128	3
CSR13F226KL	81349	118	1	CSR13F685KL	81349	129	2
CSR13F226KL	81349	122	2	CSR13F685KL	81349	136	2
CSR13F226KL	81349	128	4	CSR13F685KL	81349	141	2

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
CSR13F685KL	81349	145	2	CY-6666/AAS-24	80058	132	7
CSR13F685KL	81349	158	1	C3734068	31949	19	89
CSR13G103KL	81349	100	8	C3850028	31949	77	40
CSR13G104KL	81349	14	1	C3850044	31949	77	1
CSR13G104KL	81349	38	1	C3850046	31949	77	4
CSR13G105KL	81349	14	3	C3850070	31949	77	2
CSR13G105KL	81349	18	1	C3850090	31949	19	71
CSR13G10SKL	81349	38	2	C4344-192K9A	11416	165	4
CSR13G105KL	81349	43	4	DAMAF15SA156	80063	140	60
CSR13G105KL	81349	54	5	D3-625	00141	19	82
CSR13G105KL	81349	56	8	D3821047	31949	19	54
CSR13G105KL	81349	112	7	D3850008	31949	77	19
CSR13G105KL	81349	113	4	D3850059	31949	77	34
CSR13G105KL	81349	141	10	D3850067	31949	77	7
CSR13G105KL	81349	158	3	D3851003	31949	19	49
CSR13G105ML	81349	89	6	D6-1	00141	19	59
CSR13G105ML	81349	98	10	GF52099	07294	165	3
CSR13G105ML	81349	110	7	GSE22-511-0005	24727	77	33
CSR13G106KL	81349	37	1	G2744-400	03936	77	8
CSR13G1006L	81349	68	5	HD-841/AAS-24	80058	1	5
CSR13G125KL	81349	72	3	HD-868/AAS-24	80058	2	12
CSR13G156KL	81349	18	3	H44AA6	81860	164	3
CSR13G156KL	81349	66	2	H44X02	81860	164	2
CSR13G226ML	81349	23	3	H64AA20	81860	162	1
CSR13G273KL	81349	35	6	H64AA30	81860	162	2
CSR13G274KL	81349	35	5	H64BA100	81860	163	3
CSR13G475KL	81349	55	4	H64BA15	81860	163	1
CSR13G475ML	81349	17	1	H64BA6	81860	163	2
CSR13G475ML	81349	30	1	IP-969/AAS-24	80058	132	9
CSR13G475ML	81349	36	4	LP9A1C474J	80063	144	5
CSR13G685KL	81349	158	4	MSR18905	96906	77	28
CSR13J104KL	81349	56	7	MS15795-802B	96906	22	18
CTML03VAJ	81349	13	7	MS15795-803	96906	57	32
CTM103VAJ	81349	115	6	MS15795-804	96906	58	5
CTM223VAJ	81349	114	6	MS15795-804	96906	64	28
CU130CH33SP3	81349	81	2	MS15795-804B	96906	20	9
CU13CH331DP3	81349	82	2	MS15795-806	96906	20	22
CU13CH470SP3	81349	92	1	MS15795-806	96906	21	39
CU13CH470SP3	81349	93	2	MS15795-806B	96906	21	20
CU13CH470SP3	81349	105	1	MS15795-807B	96906	19	3
CU13CH470SP3	81349	147	1	MS15795-807B	96906	21	2
CU13CJ151SP3	81349	146	2	MS15795-812B	96906	135	18
CU13CL121SP3	81349	142	2	MS16106-1	96906	40	48
CU13CL220SP3	81349	149	10	MS16106-1	96906	65	4
CU13CQ8R2SP3	81349	79	4	MS16106-1	96906	78	65
CU13CS100SP3	81349	103	8	MS16106-1	96906	104	19
CU13CS220SP3	81349	143	8	MS16106-4	96906	140	25
CU13CS220SP3	81349	153	2	MS16562-221	96906	20	6
CU13CS220SP3	81349	156	4	MS16624-1018	96906	21	15
CU13CS270SP3	81349	79	1	MS16624-4025	96906	19	28
CU13CS270SP3	81349	107	2	MS16624-4025	96906	57	24
CU13CS5R6SP3	81349	106	6	MS16624-4025	96906	62	10
CV-2666/AAS-24	80058	1	8	MS16624-4025	96906	64	42
CV11A0C300	81349	126	5	MS16624-4031	96906	135	19
CY-6665/AAS-24	80058	1	6				

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
M3S16624-4075	96906	62	42	MS3122E12-10P	96906	2	93
MS16625-4062	96906	64	13	MS3112E12-3P	96906	25	1
MS16995-10	96906	58	4	MS3122E12-3S	96906	40	54
MS16995-17	96906	21	38	MS3122E14-12P	96906	22	13
MS16995-26	96906	19	34	MS3122E14-12P	96906	78	56
MS16995-27B	96906	2	32	MS3122E14-12S	96906	65	24
US16995-27B	96906	19	1	MS3122E14-15S	96906	3	14
MS16995-29	96906	2	44	MS2122E14-19P	96906	16	3
MS16995-9	96906	21	10	MS3122E18-11P	96906	75	14
MS171433	96906	21	7	MS3122E20-39P	96906	40	15
MS171434	96906	21	9	MS3122E20-39SW	96906	3	17
MS171434	96906	57	6	MS3122E20-41P	96906	140	44
MS171525	96906	21	29	MS3122E20-41S	96906	3	18
MS171528	96906	21	4	MS3122E20-41S	96906	40	19
MS17160-22	96906	142	11	MS3122E20-41SW	96906	26	28
MS17160-44	96906	64	16	MS3122E22-41P	96906	3	16
MS17322-6A	96906	2	23	MS3122E22-41S	96906	3	15
MS17322-6A	96906	26	30	MS3122E22-41S	96906	65	36
MS17322-6A	96906	40	3	MS3122E22-55-P	96906	26	29
MS17322-6A	96906	65	17	MS3122E22-55P	81349	140	47
MS17322-6A	96906	77	25	MS3122E22-55PW	96906	104	2
MS17322-6A	96906	78	63	MS3122E22-55PY	96906	40	20
MS17322-6A	96906	104	5	MS3122E22-55S	96906	65	37
MS17322-6A	96906	140	39	MS3122E22-55S	96906	78	60
MS17322-6A	96906	150	20	MS3122E22-55SN	96906	78	59
MS17821-4-9	96906	104	28	MS3122E22-55SW	96906	65	38
MS17974-10	96906	157	10	MS3122E22-55SY	96906	65	39
MS18134-20	96906	49	6	MS3122F22-55SX	96906	40	25
MS20066-10	96906	2	66	MS3124E14-19P	96906	160	3
MS20470A3-3	96906	27	8	MS3124E18-32P	96906	20	26
MS21026-231E	96906	133	17	MS3126E12-3P	96906	40	55
MS21044C6	96906	2	19	MS3126E20-16S	96906	40	56
MS212326-6	96906	64	32	MS3126F10-6S	96906	22	6
MS21266-2N	96906	42	7	MS3126F12-10S	96906	2	85
MS24547-1	96906	21	24	MS3126F12-3S	96906	2	82
MS24547-1	96906	64	49	MS3126F14-12S	96906	2	89
MS24656-231	96906	99	40	MS3126F14-19S	96906	2	86
MS25036-101	96906	25	3	MS3126F16-26S	96906	2	84
MS25089-1FR	96906	130	3	MS3126F16-8P	96906	165	2
MS25089-1FR	96906	157	9	MS3126F20-41P	96906	2	87
MS25237-327	96906	137	19	MS3126F22-41P	96906	2	88
MS25381-1	96906	133	2	MS3181-22C	96906	65	28
MS25381-1	96906	135	15	MS35168-88E	96906	119	37
MS25381-1	96906	137	22	MS35308-366	96906	2	21
MS25381-1	96906	150	23	MS35333-70	96906	2	59
MS25381-1	96906	157	14	MS35338-134B	96906	22	19
MS27400-1	96906	77	38	MS35338-135	96906	22	5
MS27401-1	96906	40	21	MS35338-135	96906	57	33
MS27401-1	96906	47	4	MS35338-135	80063	64	29
MS27401-1	96906	75	11	MS35338-135B	96906	20	13
MS3110E10-6P	96906	19	36	MS35338-136	96906	22	11
MS3110E10-6P	96906	77	16	MS35338-136B	96906	2	30
MS3110E14-15P	96906	77	27	MS35338-137	96906	2	43
MS3114H10-6P	96906	19	51	MS35338-137	96906	19	33
MS3116E10-6S	96906	19	38	MS35338-137B	96906	19	2
MS3116E10-6S	96906	77	36	MS35338-138B	96906	2	76
MS3116E14-12S	96906	77	39	MS35431-8	96906	46	15
MS3116F100-6S	96906	157	7	MS35489-35	96906	64	6
MS35489-4	96906	22	8				

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
MS356489-4	96906	62	52	MS90537-49	96906	14	13
MS35649-224	96906	21	23	MS90537-49	96906	17	8
MS35649-224B	96906	20	14	MS90537-49	96906	18	11
MS35649-224	96906	22	7	MS90537-49	96906	23	10
MS35649-264	96906	22	12	MS90537-49	96906	27	16
MS35756-33	96906	2	56	MS90537-49	96906	28	16
MS35756-5	96906	41	12	MS90537-49	96906	29	9
MS51957-12B	96906	19	26	MS90537-49	96906	30	16
MS51957-14B	96906	20	19	MS90537-49	96906	31	11
MS51957-15	96906	57	20	MS90537-49	96906	32	15
MS51957-17	96906	57	34	MS90537-49	96906	33	15
MS51957-17B	96906	20	10	MS90537-49	96906	34	10
MS51957-18	96906	64	30	MS90537-49	96906	35	15
MS51957-26B	96906	21	21	MS90537-49	96906	36	18
MS51957-28	81349	109	24	MS90537-49	96906	43	16
MS51957-43B	96906	21	1	MS90537-49	77259	44	12
MS51957-58	96906	22	17	MS90537-49	96906	50	11
MS51958-62B	96906	2	58	MS90537-49	96906	51	10
MS51958-68	96906	2	75	MS90537-49	96906	52	19
MS51959-2B	96906	58	6	MS90537-49	96906	53	10
MS51959-3B	96906	20	17	MS90537-49	96906	54	21
MS51959-4B	96906	20	7	MS90537-49	96906	55	17
MS51959-5	96906	21	22	MS90537-49	96906	56	22
MS590537-61	96906	154	9	MS90537-49	96906	100	16
MS75052-5	96906	86	21	MS90537-49	96906	136	10
MS75052-5	96906	97	14	MS90537-49	96906	143	20
MS75052-5	96906	112	13	MS90537-49	96906	148	22
MS75052-5	96906	141	21	MS90537-60	96906	151	10
MS75053-2	96906	92	13	MS90542-06	96906	93	16
MS75053-2	96906	106	16	MS90542-07	96906	129	12
MS75054-5	96906	87	21	MS90542-15	96906	89	14
MS75054-5	96906	88	18	MS90542-15	96906	121	5
MS75054-5	96906	90	19	MS90542-15	96906	123	3
MS75054-5	96906	98	19	MS90542-15	96906	125	7
MS75054-5	96906	144	18	MS90542-15	96906	126	7
MS77068-2	96906	62	101	MS90542-19	96906	129	11
MS90310-211	96906	137	13	MS90542-19	96906	147	21
MS90310-231	96906	133	6	MS90542-23	96906	21	11
MS90310-231	96906	137	4	MS90542-23	96906	105	22
MS90310-231	96906	150	25	MS91189-19	96906	125	s
MS90310-231	96906	157	11	MS91189-34	96906	113	13
MS90311-231	96906	135	10	MS91528-OC1B	96906	137	20
MS90335-1	96906	133	18	MS91528-0018	96906	150	22
MS90335-1	96906	135	13	MS91528-1F2BC	96906	137	21
MS90335-1	96906	137	30	MS91528-102B	96906	137	26
MS90335-1	96906	150	21	MS91528-102B	96906	157	13
M390335-1	96906	157	15	MT-4156/ASS-24	80058	132	4
MS90537-37	96906	148	21	MT-4157/AAS-24	80058	1	10
MS90537-41	96906	113	12	MT-4158/AAS-24	80058	1	11
MS90537-43	96906	53	11	IU-4159/AAS-24	80058	1	12
MS90537-49	96906	4	11	MX-8357/AAS-24	80058	1	2
MS90537-49	96906	5	14	EX-8358/AAS-24	80058	1	7
MS90537-49	96906	6	13	1AX-8539/AAS-24	80058	1	13
MS90537-49	96906	7	15	M19648-1-008	81349	76	14
MS90537-49	96906	8	17	M19648-1-080	81349	76	15
MS90537-49	96906	9	12	M22-15-0001UB	81349	14	26
MS90537-49	96906	10	9	M22-15-00051UB	81349	149	22
MS90537-49	96906	11	16	M22-15-0071UB	81349	116	5
MS90537-49	96906	12	10	M23353-06-66	81349	50	12
MS90537-49	96906	13	19	M23353-10-21	81349	49	5



SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
M24308-10-1	81349	62	17	M24308-4-3	81349	78	51
M24308-11-1	81349	5	39	M24308-4-3	81349	102	1
M24308-11-1	81349	6	37	M24308-4-3	81349	103	2
M24308-11-1	81349	10	11	M24308-4-3	81349	104	35
M24308-11-1	81349	17	5	M24308-4-3	81349	116	2
M24308-11-1	81349	46	4	M24308-4-3	80063	120	4
M24308-11-1	81349	49	4	M24308-4-4	81349	38	6
M24308-2-1	81349	2	91	M24308-4-4	81349	57	2
M24308-2-1	81349	104	29	M24308-4-4	81349	78	50
M24308-2-1	81349	140	38	M24308-4-4	81349	103	3
M24308-2-2	81349	40	42	M24308-4-4	81349	133	11
M24308-2-2	81349	42	5	M24308-4-4	81349	150	18
M24308-2-2	81349	78	64	M24308-4-5	81349	42	4
M24308-2-2	81349	104	34	M24308-4-5	81349	49	1
M24308-2-2	81349	133	14	M24308-4-5	81349	72	13
M24308-2-2	81349	150	8	M24308-4-5	81349	74	6
M24308-2-3	81349	2	83	M24308-4-5	81349	76	16
M24308-2-3	81349	40	60	M24308-4-5	81349	137	31
M24308-2-3	81349	62	54	M24308-4-5	81349	140	34
M24308-2-3	81349	78	2	M24308-4-5	81349	149	1
M24308-2-3	81349	104	32	M3786-4-0002	81349	133	5
M24308-2-3	81349	140	35	M3786-4-0006	81349	137	6
M24308-2-4	81349	26	32	M3786-4-0051	81349	157	16
M24308-2-4	81349	40	33	M3786-4-0065	81349	137	2
M24308-2-4	81349	78	3	M3786-4-0171	81349	133	16
M24308-2-4	81349	157	6	M39019-2-30	81349	65	32
M24308-2-5	81349	40	61	M39019-1-32	81349	78	61
M24308-2-5	81349	75	1	M39019-1-52	81349	75	4
M24308-2-5	81349	140	32	M39019-2-40	81349	65	31
M24308-4-1	81349	21	19	M39019-2-60	81349	65	33
M24308-4-1	81349	104	26	M39019-5-60	81349	65	34
M24308-4-2	81349	4	12	M39019-5-60	81349	75	5
M24308-4-2	81349	5	15	M39019-5-60	81349	78	62
M24308-4-2	81349	6	14	M39024-10-02	81349	64	8
M24308-4-2	81349	7	16	M39024-10-04	81349	64	7
M24308-4-2	81349	8	18	M39024-11-01	81349	30	14
MA24308-4-2	81349	9	13	M39024-11-01	81349	36	16
M24308-4-2	81349	10	10	M39024-11-01	81349	52	17
M24308-4-2	81349	11	17	M39024-11-01	81349	56	20
M24308-4-2	81349	12	11	M39024-11-01	81349	100	11
M24308-4-2	81349	13	20	M39024-11-02	81349	4	8
M24308-4-2	81349	14	14	M39024-11-02	81349	5	13
M24308-4-2	81349	17	9	M39024-11-02	81349	6	12
M24308-4-2	81349	43	17	M39024-11-02	81349	8	12
M24308-4-2	81349	44	13	M39024-11-02	81349	9	8
M24308-4-2	81349	45	14	M39024-11-02	81349	10	7
M24308-4-2	81349	46	3	M39024-11-02	81349	11	13
M24308-4-2	81349	58	1	M39024-11-02	81349	12	8
M24308-4-2	81349	78	66	M39024-11-02	81349	13	13
M24308-4-2	81349	124	2	M39024-11-02	81349	27	14
M24308-4-2	81349	133	12	M39024-11-02	81349	28	12
M24308-4-2	81349	134	5	M39024-11-02	81349	30	7
M24308-4-2	81349	135	9	M39024-11-02	81349	31	5
M24308-4-3	81349	15	4	M39024-11-02	81349	32	11
M24308-4-3	81349	48	9	M39024-11-02	81349	33	7
M24308-4-3	81349	60	2	M39024-11-02	81349	34	9
M24308-4-3	81349	63	5	M39024-11-02	81349	35	11
M24308-4-3	81349	64	47	M39024-11-02	81349	36	9

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
M39024-11-02	81349	44	8	M39024-11-03	81349	56	19
M39024-11-02	81349	45	9	M39024-11-03	81349	71	17
M39024-11-02	81349	50	7	M39024-11-03	81349	81	13
M39024-11-02	81349	51	9	M39024-11-03	81349	82	13
M39024-11-02	81349	52	18	M39024-11-03	81349	83	15
M39024-11-02	81349	53	9	M39024-11-03	81349	86	20
M39024-11-02	81349	54	15	M39024-11-03	81349	88	16
M39024-11-02	81349	55	12	M39024-11-03	81349	89	13
M39024-11-02	81349	56	12	M39024-11-03	81349	90	18
M39024-11-02	81349	69	11	M39024-11-03	81349	92	12
M39024-11-02	81349	70	11	M39024-11-03	81349	93	15
M39024-11-02	81349	71	14	M39024-11-03	81349	94	13
M39024-11-02	81349	81	11	M39024-11-03	81349	97	13
M39024-11-02	81349	82	11	M39024-11-03	81349	98	18
M39024-11-02	81349	83	13	M39024-11-03	81349	99	17
M39024-11-02	81349	84	9	M39024-11-03	81349	105	19
M39024-11-02	81349	85	12	M39024-11-03	81349	106	13
M39024-11-02	81349	86	17	M39024-11-03	81349	107	8
M39024-11-02	81349	87	17	M39024-11-03	81349	108	12
M39024-11-02	81349	88	14	M39024-11-03	81349	109	14
M39024-11-02	81349	89	11	M39024-11-03	81349	110	14
M39024-11-02	81349	90	16	M39024-11-03	81349	111	14
M39024-11-02	81349	92	11	M39024-11-03	81349	112	12
M39024-11-02	81349	93	13	M39024-11-03	81349	114	19
M39024-11-02	81349	95	8	M39024-11-03	81349	115	17
M39024-11-02	81349	96	8	M39024-11-03	81349	136	9
M39024-11-02	81349	97	12	M39024-11-03	81349	141	20
M39024-11-02	81349	98	15	M39024-11-03	81349	144	17
M39024-11-02	81349	99	16	M39024-11-03	81349	145	11
M39024-11-02	81349	100	12	M39024-11-03	81349	147	19
M39024-11-02	81349	105	17	M39024-11-03	81349	151	7
M39024-11-02	81349	106	12	M39024-11-03	81349	154	8
M39024-11-02	81349	107	7	M39024-11-03	81349	158	10
M39024-11-02	81349	109	10	M39024-11-04	81349	4	7
M39024-11-02	81349	110	12	M39024-11-04	81349	5	12
M39024-11-02	81349	111	10	M39024-11-04	81349	6	11
M39024-11-02	81349	112	10	M39024-11-04	81349	7	10
M39024-11-02	81349	113	10	M39024-11-04	81349	8	11
M39024-11-02	81349	136	8	M39024-11-04	81349	9	7
M39024-11-02	81349	141	16	M39024-11-04	81349	10	6
M39024-11-02	81349	142	9	M39024-11-04	81349	11	12
M39024-11-02	81349	144	15	M39024-11-04	81349	12	7
M39024-11-02	81349	145	9	M39024-11-04	81349	13	12
M39024-11-02	81349	146	11	M39024-11-04	81349	14	11
M39024-11-02	81349	147	16	M39024-11-04	81349	17	6
M39024-11-02	81349	148	18	M39024-11-04	81349	18	10
M39024-11-02	81349	151	9	M39024-11-04	81349	27	13
M39024-11-02	81349	153	14	M39024-11-04	81349	28	11
M39024-11-02	81349	154	7	M39024-11-04	81349	30	6
M39024-11-02	81349	158	8	M39024-11-04	81349	31	4
M39024-11-03	81349	7	11	M39024-11-04	81349	32	10
M39024-11-03	81349	17	7	M39024-11-04	81349	33	6
M39024-11-03	81349	33	14	M39024-11-04	81349	34	8
M39024-11-03	81349	36	17	M39024-11-04	81349	35	10
M39024-11-03	81349	43	15	M39024-11-04	81349	36	8
M39024-11-03	81349	52	10	M39024-11-04	81349	43	11
B139024-11-03	81349	54	18	M39024-11-04	81349	44	7
M39024-11-03	81349	55	14	M39024-11-04	81349	45	8

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
M39024-11-04	81349	50	6	M39024-11-05	81349	28	15
M39024-11-04	81349	51	8	M39024-11-05	81349	30	10
M39024-11-04	81349	52	9	M39024-11-05	81349	31	8
M39024-11-04	81349	55	11	M39024-11-05	81349	32	14
M39024-11-04	81349	56	11	M39024-11-05	81349	33	10
M39024-11-04	81349	67	7	M39024-11-05	81349	35	14
M39024-11-04	81349	68	11	M39024-11-05	81349	36	12
M39024-11-04	81349	69	10	M39024-11-05	81349	44	11
M39024-11-04	81349	70	10	M39024-11-05	81349	45	12
M39024-11-04	81349	71	13	M39024-11-05	81349	52	13
M39024-11-04	81349	81	10	M39024-11-05	81349	54	16
M39024-11-04	81349	82	10	M39024-11-05	81349	55	15
M39024-11-04	81349	83	12	M39024-11-05	81349	56	15
M39024-11-04	81349	84	8	M39024-11-05	81349	68	14
M39024-11-04	81349	85	11	M39024-11-05	81349	69	14
M39024-11-04	81349	86	16	M39024-11-05	81349	70	14
M39024-11-04	81349	87	16	M39024-11-05	81349	71	18
M39024-11-04	81349	88	13	M39024-11-05	81349	85	15
M39024-11-04	81349	89	10	M39024-11-05	81349	87	20
M39024-11-04	81349	90	15	M39024-11-05	81349	88	17
M39024-11-04	81349	92	10	M39024-11-05	81349	100	15
M39024-11-04	81349	93	12	M39024-11-05	81349	105	20
M39024-11-04	81349	94	12	M39024-11-05	81349	106	15
M39024-11-04	81349	95	7	M39024-11-05	81349	109	13
M39024-11-04	81349	96	7	M39024-11-05	81349	110	15
M39024-11-04	81349	97	11	M39024-11-05	81349	111	13
M39024-11-04	81349	98	14	M39024-11-05	81349	141	19
M39024-11-04	81349	99	15	M39024-11-05	81349	146	14
M39024-11-04	81349	100	14	M39024-11-05	81349	147	17
M39024-11-04	81349	105	16	M39024-11-06	81349	4	9
M39024-11-04	81349	106	11	M39024-11-06	81349	8	13
M39024-11-04	81349	107	6	M39024-11-06	81349	9	9
M39024-11-04	81349	108	11	M39024-11-06	81349	10	8
M39024-11-04	81349	109	9	M39024-11-06	81349	11	14
M39024-11-04	81349	110	11	M39024-11-06	81349	12	9
M39024-11-04	81349	111	9	M39024-11-06	81349	13	14
M39024-11-04	81349	112	9	M39024-11-06	81349	27	15
M39024-11-04	81349	113	9	M39024-11-06	81349	28	13
M39024-11-04	81349	114	18	M39024-11-06	81349	30	8
M39024-11-04	81349	115	16	M39024-11-06	81349	31	6
M39024-11-04	81349	118	30	M39024-11-06	81349	32	12
M39024-11-04	81349	136	7	M39024-11-06	81349	33	8
M39024-11-04	81349	141	15	M39024-11-06	81349	35	12
M39024-11-04	81349	142	8	M39024-11-06	81349	36	10
M39024-11-04	81349	143	18	M39024-11-06	81349	43	12
M39024-11-04	81349	144	14	M39024-11-06	81349	44	9
M39024-11-04	81349	145	8	M39024-11-06	81349	45	10
M39024-11-04	81349	146	10	M39024-11-06	81349	50	8
M39024-11-04	81349	148	19	M39024-11-06	81349	52	11
M39024-11-04	81349	151	8	M39024-11-06	81349	53	8
M39024-11-04	81349	152	5	M39024-11-06	81349	55	13
M39024-11-04	81349	153	13	M39024-11-06	81349	56	13
M39024-11-04	81349	154	6	M39024-11-06	81349	68	12
M39024-11-04	81349	158	7	M39024-11-06	81349	69	12
M39024-11-05	81349	7	12	M39024-11-06	81349	70	12
M39024-11-05	81349	8	15	M39024-11-06	81349	71	15
M39024-11-05	81349	9	11	M39024-11-06	81349	81	12
M39024-11-05	81349	13	16	M39024-11-06	81349	82	12

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
M39024-11-06	81349	83	14	M39024-11-08	81349	50	9
M39024-11-06	81349	84	10	M39024-11-08	81349	52	12
M39024-11-06	81349	85	13	M39024-11-08	81349	55	16
M39024-11-06	81349	86	18	M39024-11-08	81349	56	14
M39024-11-06	81349	87	18	M39024-11-08	81349	68	13
M39024-11-06	81349	88	15	M39024-11-08	81349	69	13
M39024-11-06	81349	89	12	M39024-11-08	81349	70	13
M39024-11-06	81349	90	17	M39024-11-08	81349	71	16
M39024-11-06	81349	93	14	M39024-11-08	81349	85	14
M39024-11-06	81349	98	16	M39024-11-08	81349	86	19
M39024-11-06	81349	100	13	M39024-11-08	81349	87	19
M39024-11-06	81349	105	18	M39024-11-08	81349	98	17
M39024-11-06	81349	109	11	M39024-11-08	81349	106	14
M39024-11-06	81349	110	13	M39024-11-08	81349	109	12
M39024-11-06	81349	111	11	M39024-11-08	81349	111	12
M39024-11-06	81349	112	11	M39024-11-08	81349	141	18
M39024-11-06	81349	113	11	M39024-11-08	81349	146	13
M39024-11-06	81349	141	17	M39024-11-08	81349	147	20
M39024-11-06	81349	142	10	M39024-11-09	81349	30	13
M39024-11-06	81349	144	16	M39024-11-09	81349	33	13
M39024-11-06	81349	145	10	M39024-11-09	81349	36	15
M39024-11-06	81349	146	12	M39024-11-09	81349	43	14
M39024-11-06	81349	147	18	M39024-11-09	81349	52	16
M39024-11-06	81349	148	17	M39024-11-09	81349	56	18
M39024-11-06	81349	158	9	M39024-11-09	81349	69	17
M39024-11-07	81349	7	13	M39024-11-09	81349	70	17
M39024-11-07	81349	8	16	M39024-11-10	81349	13	18
M39024-11-07	81349	13	17	M39024-11-10	81349	30	12
M39024-11-07	81349	30	11	M39024-11-10	81349	33	12
M39024-11-07	81349	31	9	M39024-11-10	81349	36	14
M39024-11-07	81349	33	11	M39024-11-10	81349	52	15
M39024-11-07	81349	36	13	M39024-11-10	81349	56	17
M39024-11-07	81349	43	13	M39024-11-10	81349	69	16
M39024-11-07	81349	45	13	M39024-11-10	81349	70	16
M39024-11-07	81349	52	14	M5757-10-035	81349	75	12
M39024-11-07	81349	54	17	M5757-29-001	81349	149	11
M39024-11-07	81349	56	16	NAS102/C04	80063	19	50
M39024-11-07	81349	68	15	NAS1352C081N8	80205	19	31
M39024-11-07	81349	69	15	NAS1635-00-2	80205	19	7
M39024-11-07	81349	70	15	PP-6270/AAS-24	80058	1	4
M39024-11-07	81349	85	16	PROP1MAX3B387JS	82817	77	17
M39024-11-07	81349	105	21	P93732	56289	77	35
M39024-11-07	81349	146	15	R1615/AAS-24	80058	1	1
M39024-11-08	81349	4	10	RBR55110001QM	81349	86	43
M39024-11-08	81349	7	14	RBR55111002QM	81349	86	52
M39024-11-08	81349	8	14	RBR55112001QM	81349	86	44
M39024-11-08	81349	9	10	RBR55132801QM	81349	86	45
M39024-11-08	81349	11	15	RCR05G302JS	81349	19	13
M39024-11-08	81349	13	15	RCR07G1006JS	81349	56	36
M39024-11-08	81349	28	14	RCR07G915JS	81349	18	20
M39024-11-08	81349	30	9	RE60GR162	81349	149	13
M39024-11-08	81349	31	7	RE60G1R00	81349	149	23
M39024-11-08	81349	32	13	RE60G10R0	81349	15	9
M39024-11-08	81349	33	9	RE60G10R0	81349	76	11
M39024-11-08	81349	35	13	RE60G10R0	81349	114	44
M39024-11-08	81349	36	11	RE60G10R0	81349	115	44
M39024-11-08	81349	44	10	RE60G10R0	81349	116	4
M39024-11-08	81349	45	11	RE60G1000	81349	15	8

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RE60G100	81349	46	2	RN55D8251F	81349	50	20
RE60G1001	81349	76	3	RN55D8252F	81349	18	21
RE60G2R61	81349	76	7	RN55D9090F	81349	18	36
RE60G2R74	81349	76	8	RN60C1000F	81349	48	21
RE60G5R11	81349	149	26	RN60C1000F	81349	85	30
RE60G6R81	81349	76	13	RN60C1002F	81349	7	23
RE65G1R10	81349	72	16	RN60C1002F	81349	88	44
RE65G1R62	81349	72	14	RN60C1002F	81349	98	37
RE65G4990	81349	103	1	RN60C1002F	81349	144	35
RE65G75R0	81349	149	20	RN60C1003F	81349	86	31
RE70GR237	8134q	15	11	RN60C1212F	81349	155	33
RE70GR237	81349	46	6	RN60C1213F	81349	90	44
RE70N75R0	81349	149	14	RN60C1331F	81349	85	31
RE75GR237	81349	15	10	RN60C1472F	81349	85	24
RE75GR237	81349	46	1	RN60C1622F	81349	86	53
RJ24CX503	81349	118	25	RN60C1622F	81349	147	44
R107S183G	81349	155	41	RN60C1960F	81349	48	23
R132S103J	81349	79	27	RN60C1961F	81349	81	25
R132S103J	81349	155	30	RN60C1961F	81349	82	25
R132S184J	81349	155	40	RN60C2150F	81349	147	41
R132S912J	81349	80	27	RN60C2151F	81349	85	28
R142S100G	81349	50	30	RN60C2152F	81349	7	25
R142S303G	81349	155	31	RN60C2611F	81349	81	23
RN55D10R0F	81349	50	17	RN60C2611F	81349	82	23
RN55D1000F	81349	18	31	RN60C2872F	81349	146	33
RN55D1000F	81349	50	33	RN60C3160F	81349	48	25
RN55D1001F	81349	18	29	RN60C3242F	81349	147	45
RN55D1001F	81349	50	26	RN60C4220F	81349	88	52
RN55D1002F	81349	18	41	RN60C4641F	81349	86	54
RN55D1003F	81349	18	18	RN60C5112F	81349	23	12
RN55D1100F	81349	18	30	RN60C5112F	81349	86	48
RN55D1500F	81349	50	24	RN60C6190F	81349	147	26
RN55D1501F	81349	50	32	RN60C7500F	81349	7	31
RN55D1621F	81349	50	22	RN60C7501F	81349	7	30
RN55D1821F	81349	50	19	RN60C7871F	81349	88	53
RN55D1823F	81349	18	26	RN60C8061F	81349	147	43
RN55D2210F	81349	18	37	RN60C8251F	81349	85	32
RN55D2212F	81349	18	27	RN60C8251F	81349	87	37
RN55D2740F	81349	50	28	RN60C8251F	81349	146	31
RN55D2743F	81349	18	38	RN60C8251F	81349	148	44
RN55D3011F	81349	50	23	RN60C9091F	81349	88	42
RN55D3013F	81349	18	19	RN60D10R0F	81349	27	26
RN55D3320F	81349	18	23	RN60D10R0F	81349	28	25
RN55D3320F	81349	50	25	RN60D10R0F	81349	29	13
RN55D3322F	81349	18	33	RN60D10R0F	81349	31	14
RN55D3651F	81349	50	31	RN60D10R0F	81349	34	16
RN55D39R2F	81349	18	24	RN60D10R0F	81349	35	24
RN55D3921F	81349	50	21	RN60D10R0F	81349	45	23
RN55D4321F	81349	34	27	RN60D10R0F	81349	51	16
RN55D47R5F	81349	18	40	RN60D10R0F	81349	52	23
RN55D4751F	81349	18	22	RN60D10R0F	81349	55	27
RN55D5111F	81349	18	25	RN60D10R0F	81349	56	33
RN55D5111F	81349	50	29	RN60D10R0F	81349	72	12
RN55D5621F	81349	118	29	RN60D10R0F	81349	99	28
RN55D6190F	81349	18	39	RN60D10R0F	81349	100	20
RN55D6191F	81349	18	32	RN60D10R0F	81349	109	30
RN55D6191F	81349	50	18	RN60D10R0F	81349	110	27
RN55D8250F	81349	18	35	RN60D10R0F	81349	111	31

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN60D10R0F	81349	113	23	RN60D1001F	81349	23	17
RN60D10R0F	81349	121	7	RN60D1001F	81349	27	36
RN60D10R0F	81349	128	17	RN60D1001F	81349	28	34
RN60D10R0F	81349	159	9	RN60D1001F	81349	29	23
RN60D1000F	81349	5	32	RN60D1001F	81349	32	25
RN60D1000F	81349	6	32	RN60D1001F	81349	33	26
RN60D1000F	81349	10	21	RN60D1001F	81349	34	26
RN60D1000F	81349	14	25	RN60D1001F	81349	35	21
RN60D1000F	81349	27	38	RN60D1001F	81349	36	25
RN60D1000F	81349	28	32	RN60D1001F	81349	38	9
RN60D1000F	81349	32	32	RN60D1001F	81349	43	20
RN60D1000F	81349	38	11	RN60D1001F	81349	44	22
RN60D1000F	81349	48	19	RN60D1001F	81349	45	19
RN60D1000F	81349	51	40	RN60D1001F	81349	48	18
RN60D1000F	81349	52	35	RN60D1001F	81349	51	31
RN60D1000F	81349	54	37	RN60D1001F	81349	52	37
RN60D1000F	81349	55	36	RN60D1001F	81349	53	21
RN60D1000F	81349	56	44	RN60D1001F	81349	54	47
RN60D1000F	81349	66	15	RN60D1001F	81349	55	25
RN60D1000F	81349	68	28	RN60D1001F	81349	56	39
RN60D1000F	81349	72	11	RN60D1001F	81349	63	16
RN60D1000F	81349	79	19	RN60D1001F	81349	66	17
RN60D1000F	81349	80	24	RN60D1001F	81349	67	18
RN60D1000F	81349	89	26	RN60D1001F	81349	68	19
RN60D1000F	81349	93	24	RN60D1001F	81349	69	21
RN60D1000F	81349	94	23	RN60D1001F	81349	70	22
RN60D1000F	81349	95	19	RN60D1001F	81349	71	22
RN60D1000F	81349	105	40	RN60D1001F	81349	72	7
RN60D1000F	81349	106	21	RN60D1001F	81349	81	17
RN60D1000F	81349	107	14	RN60D1001F	81349	82	17
RN60D1000F	81349	109	27	RN60D1001F	81349	83	22
RN60D1000F	81349	110	24	RN60D1001F	81349	85	22
RN60D1000F	81349	111	28	RN60D1001F	81349	86	46
RN60D1000F	81349	113	29	RN60D1001F	81349	87	27
RN60D1000F	81349	115	29	RN60D1001F	81349	88	33
RN60D1000F	81349	118	26	RN60D1001F	81349	89	27
RN60D1000F	81349	122	12	BN60D1001F	81349	90	27
RN60D1000F	81349	126	13	RN60D1001F	81349	91	12
RN60D1000F	81349	128	14	RN60D1001F	81349	92	23
RN60D1000F	81349	143	25	RN60D1001F	81349	93	33
RN60D1000F	81349	145	31	RN60D1001F	81349	94	36
RN60D1000F	81349	151	27	RN60D1001F	81349	95	15
RN60D1000F	81349	152	14	RN60D1001F	81349	96	21
RN60D1000F	81349	153	27	RN60D1001F	81349	97	28
RN60D1000F	81349	154	22	RN60D1001F	81349	98	30
RN60D1000F	81349	155	24	RN60D1001F	81349	99	31
RN60D1000F	81349	158	20	RN60D1001F	81349	100	23
RN60D1001F	81349	4	21	RN60D1001F	81349	101	15
RN60D1001F	81349	5	22	RN60D1001F	81349	105	30
RN60D1001F	81349	6	20	RN60D1001F	81349	106	30
RN60D1001F	81349	7	20	RN60D1001F	81349	107	18
RN60D1001F	81349	8	23	RN60D1001F	81349	109	29
RN60D1001F	81349	9	22	RN60D1001F	81349	110	26
RN60D1001F	81349	10	25	RN60D1001F	81349	111	30
RN60D1001F	81349	11	28	RN60D1001F	81349	112	32
RN60D1001F	81349	12	19	RN60D1001F	81349	113	22
RN60D1001F	81349	13	32	RN60D1001F	81349	114	43
RN60D1001F	81349	14	28	RN60D1001F	81349	115	35

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN60D1001F	81349	118	19	RN60D1002F	81349	88	26
RN60D1001F	81349	122	19	RN60D1002F	81349	90	40
RN60D1001F	81349	128	13	RN60D1002F	81349	92	26
RN60D1001F	81349	136	18	RN60D1002F	81349	93	26
RN60D1001F	81349	141	37	RN60D1002F	81349	94	26
RN60D1001F	81349	142	20	RN60D1002F	81349	95	14
RN60D1001F	81349	143	30	RN60D1002F	81349	96	17
RN60D1001F	81349	144	28	RN60D1002F	81349	97	27
RN60D1001F	81349	145	16	RN60D1002F	81349	98	26
RN60D1001F	81349	146	26	RN60D1002F	81349	99	27
RN60D1001F	81349	147	42	RN60D1002F	81349	100	24
RN60D1001F	81349	148	37	RN60D1002F	81349	101	11
RN60D1001F	81349	153	31	RN60D1102F	81349	105	37
RN60D1001F	81349	155	48	RN60D1002F	81349	106	20
RN60D1001F	81349	158	19	RN60D1002F	81349	107	26
RN60D1001F	81349	159	7	RN60D1002F	81349	108	19
RN60D1002F	81349	4	23	RN60D1002F	81349	109	21
RN60D1002F	81349	5	25	RN60D1002F	81349	110	19
RN60D1002F	81349	6	23	RN60D1002F	81349	111	21
RN60D1002F	81349	8	21	RN60D1002F	81349	112	25
RN60D1002F	81349	9	21	RN60D1002F	81349	113	20
RN60D1002F	81349	10	16	RN60D1002F	81349	114	24
RN60D1002F	81349	11	21	RN60D1002F	81349	115	25
RN60D1002F	81349	12	17	RN60D1102F	81349	121	8
RN60D1002F	81349	13	25	RN60D1002F	81349	123	6
RN60D1002F	81349	14	22	RN60D1002F	81349	126	12
RN60D1002F	81349	17	17	RN60D1002F	81349	129	19
RN60D1002F	81349	27	31	RN60D1002F	81349	139	3
RN60D1002F	81349	28	39	RN60D1002F	81349	141	32
RN60D1002F	81349	29	26	RN6D10002F	81349	142	22
RN60D1002F	81349	30	19	RN60D1002F	81349	143	28
RN60D1002F	81349	31	16	RN60D1002F	81349	144	25
RN60D1002F	81349	33	21	RN60D1002F	81349	145	22
RN60D1002F	81349	34	15	RN60D1002F	81349	146	28
RN60D1002F	81349	35	31	RN60D1002F	81349	147	37
RN60D1002F	81349	36	29	RN60D1002F	81349	148	30
RN60D1002F	81349	43	23	RN60D1002F	81349	151	25
RN60D1002F	81349	44	21	RN60D1002F	81349	152	15
RN60D1002F	81349	45	20	RN60D1002F	81349	153	35
RN60D1002F	81349	51	24	RN60D1002F	81349	154	17
RN60D1002F	81349	52	22	RN60D1002F	81349	155	26
RN60D1002F	81349	53	20	RN60D1002F	81349	156	16
RN60D1002F	81349	54	25	RN60D1002F	81349	158	17
RN60D1002F	81349	55	22	RN60D1003F	81349	4	15
RN60D1002F	81349	56	25	RN60D1003F	81349	5	33
RN60D1002F	81349	63	9	RN60D1003F	81349	6	29
RN60D1002F	81349	67	26	RN60D1003F	81349	7	24
RN60D1002F	81349	68	23	RN60D1003F	81349	11	29
RN6D11002F	81349	69	26	RN60D1003F	81349	13	31
RN60D1002F	81349	70	26	RN60D1003F	81349	23	14
RN60D1002F	81349	71	27	RN60D1003F	81349	27	29
RN60D1002F	81349	79	31	RN60D1003F	81349	28	31
RN60D1002F	81349	81	18	RN60D1003F	81349	29	25
RN60D1002F	81349	82	18	RN60D1003F	81349	34	24
RN60D1002F	81349	83	27	RN60D1003F	81349	35	30
RN60D1002F	81349	84	16	RN60D1003F	81349	37	12
RN60D1002F	81349	86	35	RN60D1003F	81349	51	23
RN60D1002F	81349	87	28	RN60D1003F	81349	53	18

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN60D1003F	81349	55	28	RN60D1103F	81349	67	24
RN60D1003F	81349	56	43	RN60D1103F	81349	95	17
RN60D1003F	81349	63	10	RN60D1103F	81349	115	37
RN60D1003F	81349	85	23	RN60D1103F	81349	131	8
RN60D1003F	81349	90	54	RN60D1182F	81349	141	41
RN60D1003F	81349	97	22	RN60D1182F	81349	142	23
RN60D1003F	81349	100	22	RN60D1210F	81349	94	38
RN60D1003F	81349	107	21	RN60D1210F	81349	143	38
RN60D1003F	81349	108	20	RN60D1211F	81349	29	22
RN60D1003F	81349	109	33	RN60D1211F	81349	51	18
RN60D1003F	81349	110	34	RN60D1211F	81349	67	13
RN60D1003F	81349	111	22	RN60D1211F	81349	71	30
RN60D1003F	81349	112	27	RN60D1211F	81349	89	20
RN60D1003F	81349	114	31	RN60D1211F	81349	98	35
RN60D1003F	81349	115	24	RN60D1211F	81349	118	24
RN60D1003F	81349	122	11	RN60D1211F	81349	144	33
RN60D1003F	81349	139	1	RN60D1211F	81349	155	25
RN60D1003F	81349	141	42	RN60D1212F	81349	5	29
RN60D1003F	81349	145	23	RN60D1212F	81349	6	25
RN60D1003F	81349	148	29	RN60D1212F	81349	11	30
RN60D1003F	81349	156	9	RN60D1212F	81349	44	18
RN60D1003F	81349	158	16	RN60D1212F	81349	51	35
RN60D1004F	81349	11	26	RN60D1212F	81349	86	40
RN60D1004F	81349	79	17	RN60D1212F	81349	87	35
RN60D1004F	81349	85	33	RN60D1212F	81349	95	23
RN60D1004F	81349	86	32	RN60D1212F	81349	98	28
RN60D1004F	81349	89	29	RN60D1212F	81349	101	14
RN60D1004F	81349	90	31	RN60D1212F	81349	108	29
RN60D1004F	81349	98	46	RN60D1212F	81349	112	26
RN60D1004F	81349	103	7	RN60D1212F	81349	141	34
RN60D1004F	81349	107	33	RN60D1212F	81349	144	27
RN60D1004F	81349	108	34	RN60D1212F	81349	153	25
RN60D1004F	81349	114	29	RN60D1212F	81349	155	27
RN60D1004F	81349	115	26	RN60D1213F	81349	55	35
RN60D1004F	81349	129	15	RN60D1213F	81349	76	2
RN60D1004F	81349	131	3	RN60D1213F	81349	98	38
RN60D1004F	81349	145	26	RN60D1213F	81349	144	36
RN60D1004F	81349	149	5	RN60D1213F	81349	148	40
RN60D1004F	81349	153	21	RN60D1271F	81349	37	11
RN60D1004F	81349	155	35	RN60D1271F	81349	68	30
RN60D1004F	81349	156	6	RN60D1271F	81349	99	26
RN60D1100F	81349	4	19	RN60D1300F	81349	154	21
RN60D1100F	81349	66	20	RN60D1301F	81349	83	24
RN60D1100F	81349	92	33	RN60D1301F	81349	147	29
RN60D1100F	81349	118	18	RN60D1302F	81349	145	20
RN60D1100F	81349	128	12	RN60D1302F	81349	155	42
RN60D1101F	81349	69	30	RN60D1332F	81349	90	46
RN60D1101F	81349	70	30	RN60D1472F	81349	88	40
RN60D1101F	81349	71	29	RN60D1472F	81349	139	2
RN60D1102F	81349	52	41	RN60D15P0F	81349	98	36
RN60D1102F	81349	66	19	RN60D15R0F	81349	100	19
RN60D1102F	81349	80	18	RN60D15R0F	81349	108	39
RN60D1102F	81349	90	55	RN60D15R0F	81349	144	34
RN60D1102F	81349	109	35	RN60D1500F	81349	5	34
RN60D1102F	81349	110	35	RN60D1500F	81349	27	28
RN60D1102F	81349	111	34	RN60D1500F	81349	29	15
RN60D1102F	81349	145	39	RN60D1500F	81349	51	19
RN60D1102F	81349	155	28	RN60D1500F	81349	66	21



SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN60D1500F	81349	70	3	RN60D1501F	8139	136	15
RN60D1500F	81349	83	34	RN60D1501F	81349	141	29
RN60D1500F	81349	88	46	RN60D1501F	81349	142	21
RN60D1500F	81349	106	24	RN60D1501F	81349	143	41
RN60D1500F	81349	115	45	RN60D1501F	81349	144	26
RN60D1500F	81349	118	22	RN60D1501F	81349	145	28
RN60D1500F	81349	128	19	RN60D1501F	81349	146	29
RN60D1500F	81349	139	5	RN60D1501F	81349	147	36
RN60D1500F	81349	145	35	RN60D1501F	81349	148	33
RN60D1500F	81349	148	34	RN60D1501F	81349	152	16
RN60D1500F	81349	151	24	RN60D1502F	81349	17	13
RN60D1501F	81349	5	31	RN60D1502F	81349	32	31
RN60D1501F	81349	6	27	RN60D1502F	81349	35	36
RN60D1501F	81349	7	27	RN60D1502F	81349	44	15
RN60D1501F	81349	8	31	RN60D1502F	81349	45	21
RN60D1501F	81349	9	19	RN60D1502F	81349	54	34
RN60D1501F	81349	10	20	RN60D1502F	81349	85	40
RN60D1501F	81349	11	23	RN60D1502F	81349	88	48
RN60D1501F	81349	13	26	RN60D1502F	81349	90	37
RN60D1501F	81349	14	27	RN60D1502F	81349	94	35
RN60D1501F	81349	23	16	RN60D1502F	81349	98	29
RN60D1501F	81349	28	46	RN60D1502F	81349	141	33
RN60D1501F	81349	35	34	RN60D1502F	81349	147	46
RN60D1501F	81349	43	27	RN60D1502F	81349	148	35
RN60D1501F	81349	44	19	RN60D1502F	81349	156	12
RN60D1501F	81349	51	21	RN60D1503F	81349	8	28
RN60D1501F	81349	52	27	RN60D1503F	81349	52	39
RN60D1501F	81349	54	32	RN60D1503F	81349	54	39
RN60D1501F	81349	55	24	RN60D1503F	81349	85	21
RN60D1501F	81349	56	37	RN60D1503F	8134Q	93	45
RN60D1501F	81349	67	15	RN60D1503F	81349	105	42
RN60D1501F	81349	68	24	RN60D1503F	81349	107	20
RN60D1501F	81349	69	24	RN60D1503F	81349	108	26
RN60D1501F	81349	70	27	RN60D1503F	81349	110	29
RN60D1501F	81349	71	28	RN60D1503F	81349	154	16
RN60D1501F	81349	79	25	RN60D1621F	81349	48	17
RN60D1501F	81349	80	25	RN60D1621F	81349	71	33
RN60D1501F	81349	81	22	RN60D1621F	81349	83	28
RN60D1501F	81349	82	22	RN60D1621F	81349	93	27
RN60D1501F	81349	83	23	RN60D1621F	81349	94	22
RN60D1501F	81349	85	39	RN60D1621F	81349	143	31
RN60D1501F	81349	86	29	RN60D1622F	81349	85	42
RN60D1501F	81349	87	40	RN60D1622F	81349	100	26
RN60D1501F	81349	88	29	RN60D18R2F	81349	30	30
RN60D1501F	81349	89	24	RN60D18R2F	81349	53	16
RN60D1501F	81349	90	33	RN60D1820F	81349	66	13
RN60D1501F	81349	92	25	RN60D1820F	81349	68	26
RN60D1501F	81349	95	18	RN60D1820F	81349	93	29
RN60D1501F	81349	97	25	RN60D1820F	81349	113	26
RN60D1501F	81349	98	27	RN60D1821F	81349	12	26
RN60D1501F	81349	99	36	RN60D1821F	81349	23	20
RN60D1501F	81349	106	25	RN60D1821F	81349	93	37
RN60D1501F	81349	109	25	RN60D1821F	81349	105	46
RN60D1501F	81349	110	22	RN60D1821F	81349	108	17
RN60D1501F	81349	111	26	RN60D1821F	81349	114	35
RN60D1501F	81349	114	32	RN60D1821F	81349	115	36
RN60D1501F	81349	115	30	RN60D1821F	81349	159	8
RN60D1501F	8134 0	118	21	RN60D1822F	81349	7	29

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN60D1822F	81349	9	18	RN60D2001F	81349	51	38
RN60D1822F	81349	11	19	RN60D2001F	81349	54	45
RN60D1822F	81349	17	15	RN60D2001F	81349	70	25
RN60D1822F	81349	34	23	RN60D2001F	81349	79	20
RN60D1822F	81349	88	50	RN60D2001F	81349	80	21
RN60D1822F	81349	93	41	RN60D2001F	81349	81	20
RN60D1822F	81349	95	26	RN60D2001F	81349	82	20
RN60D1822F	81349	98	44	RN60D2001F	81349	83	26
RN60D1822F	81349	112	28	RN60D2001F	81349	85	36
RN60D1822F	81349	141	39	RN60D2001F	81349	86	34
RN60D1823F	81349	107	24	RN60D2001F	81349	87	29
RN60D1823F	81349	151	19	RN60D2001F	81349	88	41
RN60D1873F	81349	13	23	RN60D2001F	81349	89	34
RN60D1873F	81349	14	32	RN60D2001F	81349	90	25
RN60D20R0F	81349	54	38	RN60D2001F	81349	92	34
RN60D20R0F	81349	72	10	RN60D2001F	81349	93	31
RN60D20R0F	81349	113	19	RN60D2001F	81349	94	32
RN60D20R0F	81349	155	43	RN60D2001F	81349	95	22
RN60D20R0F	81349	5	27	RN60D2001F	81349	96	18
RN60D2000F	81349	6	24	RN60D2001F	81349	98	45
RN60D2000F	81349	48	20	RN60D2001F	81349	99	22
RN60D2000F	81349	54	36	RN60D2001F	81349	105	44
RN60D2000F	81349	63	13	RN60D2001F	81349	106	28
RN60D2000F	81349	66	14	RN60D2001F	81349	107	16
RN60D2000F	81349	68	31	RN60D2001F	81349	108	23
RN60D2000F	81349	85	35	RN60D2001F	81349	109	32
RN60D2000F	81349	86	51	RN60D2001F	81349	112	31
RN60D2000F	81349	87	39	RN60D2001F	81349	115	32
RN60D2000F	81349	88	31	RN60D2001F	81349	118	20
RN60D2000F	81349	89	25	RN60D2001F	81349	122	22
RN60D2000F	81349	90	29	RN60D2001F	81349	141	28
RN60D2000F	81349	92	20	RN60D2001F	81349	143	27
RN60D2000F	81349	93	36	RN60D2001F	81349	145	25
RN60D2000F	81349	94	28	RN60D2001F	81349	146	27
RN60D2000F	81349	95	16	RN60D2001F	81349	147	39
RN60D2000F	81349	96	12	RN60D2001F	81349	148	38
RN60D2000F	81349	99	23	RN60D2001F	81349	155	46
RN60D2000F	81349	106	32	RN60D2001F	81349	156	7
RN60D2000F	81349	114	27	RN60D2002F	81349	5	30
RN60D2000F	81349	129	18	RN60D2002F	81349	6	26
RN60D2000F	81q49	136	16	RN60D2002F	81349	0	24
RN60D2000F	81349	143	34	RN60D2002F	81349	13	24
RN60D2000F	81349	147	38	RN60D2002F	81349	14	18
RN60D2000F	81349	151	29	RN60D2002F	81349	28	42
RN60D2000F	81349	152	13	RN60D2002F	81349	29	19
RN60D2000F	81349	154	23	RN60D2002F	81349	44	24
RN60D2001F	81349	5	28	RN60D2002F	81349	51	33
RN60D2001F	81349	6	28	RN60D2002F	81349	53	17
RN60D2001F	81349	7	28	RN60D2002F	81349	54	26
RN60D2001F	81349	10	28	RN60D2002F	81349	56	32
RN60D2001F	81349	11	20	RN60D2002F	81349	85	38
RN60D2001F	81349	12	18	RN60D2002F	81349	86	47
RN60D2001F	81349	13	27	RN60D2002F	81349	87	36
RN60D2001F	81349	14	20	RN60D2002F	81349	88	30
RN60D2001F	81349	27	39	RN60D2002F	81349	90	53
RN60D2001F	81349	28	44	RN60D2002F	81349	97	20
RN60D2001F	81349	29	18	RN60D2002F	81349	9E	41
RN60D2001F	81349	32	26	RN60D2002F	81349	99	35

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN60D2002F	81349	109	26	RN60D2212F	81349	28	45
RN60D2002F	81349	111	27	RN60D2212F	81349	34	19
RN60D2002F	81349	114	41	RN60D2212F	81349	54	28
RN60D2002F	81349	115	23	RN60D2212F	81349	90	50
RN60D2002F	81349	118	28	RN60D2212F	81349	93	47
RN60D2002F	81349	136	14	RN60D2212F	81349	99	30
RN60D2002F	81349	143	35	RN60D2212F	81349	105	43
RN60D2002F	81349	155	29	RN60D2212F	81349	109	34
RN60D2003F	81349	43	26	RN60D2212F	81349	110	33
RN60D2011F	81349	66	18	RN60D2212F	81349	111	33
RN60D2052F	81349	52	40	RN60D2212F	81349	145	30
RN60D22R1F	81349	12	27	RN60D2213F	81349	53	19
RN60D22R1F	81349	23	23	RN60D2213F	81349	90	48
RN60D22R1F	81349	27	40	RN60D2213F	81349	126	14
RN60D22R1F	81349	28	26	RN60D2213F	81349	131	6
RN60D22R1F	81349	32	19	RN60D2430F	81349	90	34
RN60D22R1F	81349	33	20	RN60D2432F	81349	88	36
RN60D22R1F	81349	35	22	RN60D2490F	81349	92	27
RN60D22R1F	81349	43	21	RN60D2490F	81349	151	28
RN60D22R1F	81349	68	32	RN60D2491F	81349	32	33
RN60D22R1F	81349	96	16	RN60D2491F	81349	80	19
RN60D22R1F	81349	122	16	RN60D2491F	81349	86	33
RN60D2210F	81349	4	17	RN60D2491F	81349	88	32
RN60D2210F	81349	11	25	RN60D2491F	81349	93	38
RN60D2210F	81349	14	31	RN60D2491F	81349	106	26
RN60D2210F	81349	33	24	RN60D2491F	81349	136	21
RN60D2210F	81349	52	32	RN60D2491F	81349	155	44
RN60D2210F	81349	68	25	RN60D2492F	81349	80	26
RN60D2210F	81349	81	19	RN60D2492F	81349	142	16
RN60D2210F	81349	82	19	RN60D2492F	81349	146	22
RN60D2210F	81349	86	42	RN60D2492F	81349	147	34
RN60D2210F	81349	87	26	RN60D2492F	81349	148	32
RN60D2210F	81349	88	34	RN60D2500F	81349	115	28
RN60D2210F	81349	90	38	RN60D2611F	81349	154	15
RN60D2210F	81349	96	20	RN60D27R4F	81349	36	22
RN60D2210F	81349	105	47	RN60D27R4F	81349	52	24
RN60D2210F	81349	106	29	RN60D2740F	81349	27	42
RN60D2210F	81349	124	4	RN60D2740F	81349	29	17
RN60D2210F	81349	128-	16	RN60D2740F	81349	32	22
RN60D2210F	81349	142	17	RN60D2740F	81349	34	20
RN60D2210F	81349	143	33	RN60D2740F	81349	51	32
RN60D2210F	81349	146	23	RN60D2740F	81349	86	37
RN60D2211F	81349	4	22	RN60D2740F	81349	89	31
RN60D2211F	81349	8	33	RN60D2740F	81349	98	40
RN60D2211F	81349	10	33	RN60D2740F	81349	114	39
RN60D2211F	81349	28	24	RN60D2740F	81349	115	40
RN60D2211F	81349	34	21	RN60D2740F	81349	122	14
RN60D2211F	81349	51	39	RN60D2740F	81349	129	20
RN60D2211F	81349	71	31	RN60D2740F	81349	143	37
RN60D2211F	81349	88	37	RN60D2740F	81349	144	38
RN60D2211F	81349	90	39	RN60D2740F	81349	145	38
RN60D2211F	81349	91	13	RN60D2741F	81349	8	26
RN60D2211F	81349	94	21	RN60D2741F	81349	34	25
RN60D2211F	81349	141	35	RN60D2741F	81349	51	22
RN60D2211F	81349	148	47	RN60D2741F	81349	52	28
RN60D2212F	81349	4	18	RN60D2741F	81349	67	11
RN60D2212F	81349	8	35	RN60D2741F	81349	83	29
RN60D2212F	81349	9	15	RN60D2741F	81349	99	29

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN60D2741F	81349	105	51	RN60D3221F	81349	90	28
RN60D2741F	81349	107	17	RN60D3242F	81349	86	39
RN60D2741F	81349	108	32	RN60D3320F	81349	10	23
RN60D2741F	81349	112	20	RN60D3320F	81349	27	25
RN60D2741F	81349	113	21	RN60D3320F	81349	34	17
RN60D2741F	81349	122	18	RN60D3320F	81349	35	26
RN60D2741F	81349	128	11	RN60D3320F	81349	51	25
RN60D2741F	81349	129	22	RN60D3320F	81349	69	28
RN60D2741F	81349	148	48	RN60D3320F	81349	70	28
RN60D2742F	81349	10	17	RN60D3320F	81349	86	30
RN60D2742F	81349	23	21	RN60D3320F	81349	89	30
RN60D2742F	81349	38	10	RN60D3320F	81349	101	8
RN60D2742F	81349	44	16	RN60D3320F	81349	112	22
RN60D2742F	81349	54	27	RN60D3321F	81349	7	22
RN60D2742F	81349	67	23	RN60D3321F	81349	9	23
RN60D2742F	81349	90	41	RN60D3321F	81349	32	29
RN60D2742F	81349	105	52	RN60D3321F	81349	44	23
RN60D2742F	81349	110	23	RN60D3321F	81349	52	29
RN60D2742F	81349	156	14	RN60D3321F	81349	55	26
RN60D2743F	81349	85	37	RN60D3321F	81349	67	16
RN60D2743F	81349	108	24	RN60D3321F	81349	93	43
RN60D2743F	81349	143	44	RN60D3321F	81349	99	32
RN60D3010F	81349	52	25	RN60D3321F	81349	105	36
RN60D3010F	81349	54	48	RN60D3321F	81349	108	31
RN60D3010F	81349	63	17	RN60D3321F	81349	141	31
RN60D3010F	81349	88	45	RN60D3321F	81349	151	22
RN60D3010F	81349	94	29	RN60D3322F	81349	5	24
RN60D3010F	81349	109	31	RN60D3322F	81349	6	22
RN60D3010F	81349	110	28	RN60D3322F	81349	9	14
RN60D3010F	81349	111	32	RN60D3322F	81349	17	14
RN60D3010F	81349	145	29	RN60D3322F	81349	28	27
RN60D3011F	81349	5	23	RN60D3322F	81349	34	22
RN60D3011F	81349	6	21	RN60D3322F	81349	35	27
RN60D3011F	81349	23	19	RN60D3322F	81349	44	14
RN60D3011F	81349	32	20	RN60D3322F	81349	54	30
RN60D3011F	81349	34	18	RN60D3322F	81349	80	17
RN60D3011F	81349	35	33	RN60D3322F	81349	87	31
RN60D3011F	81349	45	17	RN60D3322F	81349	90	44
RN60D3011F	81349	71	25	RN60D3322F	81349	93	42
RN60D3011F	81349	79	24	RN60D3322F	81349	95	28
RN60D3011F	81349	83	30	RN60D3322F	81349	105	34
RN60D3011F	81349	90	45	RN60D3322F	81349	110	37
RN60D3011F	81349	94	27	RN60D3322F	81349	114	42
RN60D3011F	81349	97	19	RN60D3322F	81349	115	31
RN60D3011F	81349	148	41	RN60D3322F	81349	141	27
RN60D3011F	81349	151	23	RN60D3323F	81349	35	35
RN60D3011F	81349	154	20	RN60D3323F	81349	54	49
RN60D3012F	81349	12	25	RN60D3323F	81349	148	46
RN60D3012F	81349	30	21	RN60D3651F	81349	92	24
RN60D3012F	81349	37	8	RN60D3651F	81349	93	34
RN60D3012F	81349	56	31	RN60D3652F	81349	37	13
RN60D3012F	81349	67	17	RN60D3652F	81349	90	47
RN60D3012F	81349	79	18	RN60D3652F	81349	92	28
RN60D3012F	81349	90	42	RN60D39R2F	81349	4	14
RN60D3012F	81349	97	26	RN60D39R2F	81349	5	21
RN60D3012F	81349	110	30	RN60D39R2F	81349	6	19
RN60D3013F	81349	55	33	RN60D39R2F	81349	7	19
RN60D3013F	81349	107	32	RN60D39R2F	81349	8	22

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN60D39R2F	81349	9	17	RN60D4320F	81349	147	30
RN60D39R2F	81349	10	15	RN60D4320F	81349	153	34
RN60D39R2F	81349	11	22	RN60D4321F	81349	85	41
RN60D39R2F	81349	12	16	RN60D4321F	81349	93	48
RN60D39R2F	81349	13	30	RN60D4321F	81349	105	45
RN60D39R2F	81349	14	21	RN60D4321F	81349	146	30
RN60D39R2F	81349	17	11	RN60D4322F	81349	151	18
RN60D39R2F	81349	43	22	RN60D4323F	81349	118	23
RN60D39R2F	81349	44	17	RN60D4421F	81349	8	32
RN60D39R2F	81349	53	22	RN60D4421F	81349	27	37
RN60D39R2F	81349	54	33	RN60D4421F	81349	28	29
RN60D39R2F	81349	55	23	RN60D4421F	81349	52	34
RN60D39R2F	81349	56	30	RN60D4423F	81349	107	15
RN60D39R2F	81349	91	14	RN60D4423F	81349	115	38
RN60D39R2F	81349	94	34	RN60D4641F	81349	91	9
RN60D39R2F	81349	95	29	RN60D4750F	81349	5	37
RN60D39R2F	81349	114	26	RN60D4750F	81349	6	31
RN60D39R2F	81349	136	11	RN60D4750F	81349	8	27
RN60D39R2F	81349	148	31	RN60D4750F	81349	12	31
RN60D39R2F	81349	158	21	RN60D4750F	81349	36	23
RN60D3920F	81349	10	32	RN60D4750F	81349	55	29
RN60D3920F	81349	67	19	RN60D4750F	81349	92	31
RN60D3920F	81349	94	30	RN60D4750F	81349	93	30
RN60D3920F	81349	153	32	RN60D4750F	81349	95	20
RN60D3921F	81349	10	26	RN60D4750F	81349	96	13
RN60D3921F	81349	13	36	RN60D4750F	81349	145	33
RN60D3921F	81349	33	23	RN60D4751F	81349	4	16
RN60D3921F	81349	43	29	RN60D4751F	81349	51	27
RN60D3921F	81349	52	33	RN60D4751F	81349	54	42
RN60D3921F	81349	79	22	RN60D4751F	81349	89	33
RN60D3921F	81349	88	27	RN60D4751F	81349	90	32
RN60D3921F	81349	98	42	RN60D4751F	81349	99	25
RN60D3921F	81349	109	36	RN60D4751F	81349	100	21
RN60D3921F	81349	110	36	RN60D4751F	81349	105	31
RN60D3921F	81349	111	35	RN60D4751F	81349	107	19
RN60D3921F	81349	112	29	RN60D4751F	81349	108	27
RN60D3921F	81349	122	13	RN60D4751F	81349	113	31
RN60D3921F	81349	145	21	RN60D4751F	81349	114	34
RN60D3922F	81349	6	33	RN60D4751F	81349	115	33
RN60D3922F	81349	9	16	RN60D4751F	81349	155	47
RN60D3922F	81349	88	47	RN60D4752F	81349	10	30
RN60D3922F	81349	91	8	RN60D4752F	81349	28	41
RN60D3922F	81349	92	29	RN60D4752F	81349	54	40
RN60D3922F	81349	108	28	RN60D4752F	81349	55	32
RN60D3923F	81349	23	15	RN60D4752F	81349	63	11
RN60D3923F	81349	86	55	RN60D4752F	81349	87	33
RN60D4021F	81349	27	32	RN60D4752F	81349	90	49
RN60D4021F	81349	29	14	RN60D4752F	81349	92	30
RN60D4021F	81349	99	39	RN60D4752F	81349	98	25
RN60D4122F	81349	10	18	RN60D4752F	81349	99	34
RN60D4221F	81349	35	32	RN60D4752F	81349	100	27
RN60D4221F	81349	51	29	RN60D4752F	81349	101	13
RN60D4221F	81349	95	25	RN60D4752F	81349	105	29
RN60D4222F	81349	136	13	RN60D4752F	81349	109	22
RN60D4320F	81349	98	32	RN60D4752F	81349	112	23
RN60D4320F	81349	114	25	RN60D4752F	81349	113	30
RN60D4320F	81349	115	41	RN60D4752F	81349	114	28
RN60D4320F	81349	144	30	RN60D4752F	81349	128	35

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN60D4752F	81349	136	19	RN60D51R1F	81349	107	13
RN60D4752F	81349	144	24	RN60D51R1F	81349	108	16
RN60D4990F	81349	4	24	RN60D51R1F	81349	109	28
RN60D4990F	81349	11	31	RN60D51R1F	81349	110	25
RN60D4990F	81349	12	22	RN60D51R1F	81349	111	29
RN60D4990F	81349	13	33	RN60D51R1F	81349	112	19
RN60D4990F	81349	14	29	RN60D51R1F	81349	114	23
RN60D4990F	81349	27	27	RN60D51R1F	81349	128	10
RN60D4990F	81349	28	38	RN60D51R1F	81349	129	16
RN60D4990F	81349	29	16	RN60D51R1F	81349	141	26
RN60D4990F	81349	32	24	RN60D51R1F	81349	143	26
RN60D4990F	81349	34	14	RN60D51R1F	81349	144	23
RN60D4990F	81349	35	25	RN60D51R1F	81349	145	36
RN60D4990F	81349	44	25	RN60D51R1F	81349	147	25
RN60D4990F	81349	45	22	RN60D51R1F	81349	153	26
RN60D4990F	81349	54	35	RN60D5110F	81349	10	34
RN60D4990F	81349	68	27	RN60D5110F	81349	85	34
RN60D4990F	81349	94	33	RN60D5110F	81349	133	8
RN60D4990F	81349	95	30	RN60D5110F	81349	145	34
RN60D4990F	81349	122	15	RN60D5110F	81349	152	9
RN60D4990F	81349	128	18	RN60D5111F	81349	10	27
RN60D4990F	81349	139	4	RN60D5111F	81349	11	24
RN60D4991F	81349	5	26	RN60D5111F	81349	12	21
RN60D4991F	81349	7	26	RN60D5111F	81349	13	28
RN60D4991F	81349	8	30	RN60D5111F	81349	14	23
RN60D4991F	81349	37	9	RN60D5111F	81349	27	41
RN60D4991F	81349	66	12	RN60D5111F	81349	28	28
RN60D4991F	81349	87	30	RN60D5111F	81349	29	21
RN60D4991F	81349	88	43	RN60D5111F	81349	32	28
RN60D4991F	81349	90	52	RN60D5111F	81349	33	25
RN60D4991F	81349	96	15	RN60D5111F	81349	36	26
RN60D4991F	81349	98	39	RN60D5111F	81349	51	20
RN60D4991F	81349	106	27	RN60D5111F	81349	55	30
RN60D4991F	81349	129	17	RN60D5111F	81349	56	34
RN60D4991F	81349	141	40	RN60D5111F	81349	91	11
RN60D4991F	81349	144	37	RN60D5111F	81349	94	25
RN60D4991F	81349	155	45	RN60D5111F	81349	97	23
RN60D4992F	81349	8	25	RN60D5111F	81349	107	23
RN60D4992F	81349	43	24	RN60D5111F	81349	108	21
RN60D4992F	81349	44	26	RN60D5111F	81349	110	21
RN60D51R1F	81349	4	25	RN60D5111F	81349	111	24
RN60D51R1F	81349	27	35	RN60D5111F	81349	145	27
RN60D51R1F	81349	28	37	RN60D5111F	81349	147	47
RN60D51R1F	81349	32	30	RN60D5111F	81349	155	37
RN60D51R1F	81349	33	27	RN60D5112F	81349	9	25
RN60D51R1F	81349	48	11	RN60D5112F	81349	12	30
RN60D51R1F	81349	79	21	RN60D5112F	81349	27	30
RN60D51R1F	81349	80	20	RN60D5112F	81349	51	41
RN60D51R1F	81349	84	17	RN60D5112F	81349	54	41
RN60D51R1F	81349	86	28	RN60D5112F	81349	86	27
RN60D51R1F	81349	87	34	RN60D5112F	81349	109	23
RN60D51R1F	81349	88	25	RN60D5112F	81349	110	20
RN60D51R1F	81349	90	35	RN60D5112F	81349	111	23
RN60D51R1F	81349	92	32	RN60D5112F	81349	115	27
RN60D51R1F	81349	94	20	RN60D5112F	81349	141	38
RN60D51R1F	81349	96	14	RN60D5112F	81349	143	29
RN60D51R1F	81349	98	24	RN60D5112F	81349	145	24
RN60D51R1F	81349	106	19	RN60D5112F	81349	146	21

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN60D5112F	81349	147	48	RN60D6812F	81349	156	10
RN60D5112F	81349	152	11	RN60D6813F	81349	56	35
RN60D52R3F	81349	23	22	RN60D6813F	81349	98	31
RN60D52R3F	81349	72	15	RN60D6813F	81349	99	33
RN60D5361F	81349	43	30	RN60D6813F	81349	144	29
RN60D56R2F	81349	152	8	RN60D6981F	81349	51	30
RN60D5620F	81349	48	15	RN60D6981F	81349	52	31
RN60D5620F	81349	52	42	RN60D6981F	81349	54	31
RN60D5620F	81349	93	49	RN60D75R0F	81349	94	31
RN60D5620F	81349	105	48	RN60D75R0F	81349	113	25
RN60D5620F	81349	129	21	RN60D75R0F	81349	143	43
RN60D5620F	81349	151	26	RN60D75R0F	81349	145	37
RN60D5621F	81349	28	35	RN60D75R0F	81349	155	38
RN60D5621F	81349	52	30	RN60D7500F	81349	27	33
RN60D5621F	81349	54	29	RN60D7500F	81349	28	30
RN60D5622F	81349	13	34	RN60D7500F	81349	35	23
RN60D5622F	81349	14	30	RN60D7500F	81349	52	36
RN60D5622F	81349	36	28	RN60D7500F	81349	54	43
RN60D5622F	81349	56	28	RN60D7500F	81349	69	31
RN60D5622F	81349	93	46	RN60D7500F	81349	70	31
RN60D5623F	81349	114	38	RN60D7500F	31349	94	37
RN60D6190F	81349	6	34	RN60D7500F	81349	96	19
RN60D6190F	81349	27	34	RN60D7500F	81349	113	27
RN60D6190F	81349	29	20	RN60D7500F	81349	147	32
RN60D6190F	81349	32	21	RN60D7500F	81349	155	39
RN60D6190F	81349	51	17	RN60D7501F	81349	29	24
RN60D6190F	81349	68	21	RN60D7501F	81349	88	39
RN60D6190F	81349	69	27	RN60D7501F	81349	93	32
RN60D6190F	81349	70	24	RN60D7501F	81349	145	18
RN60D6190F	81349	88	35	RN60D7501F	81349	147	35
RN60D6190F	81349	97	24	RN60D82R5F	81349	92	18
RN60D6190F	81349	143	36	RN60D82R5F	81349	93	21
RN60D6191F	81349	27	24	RN60D82R5F	81349	105	27
RN60D6191F	81349	28	36	RN60D82R5F	81349	147	28
RN60D6191F	81349	32	23	RN60D82R5F	81349	155	36
RN60D6191F	81349	33	22	RN60D8250F	81349	30	22
RN60D6191F	81349	67	12	RN60D8250F	81349	67	22
RN60D6191F	81349	84	15	RN60D8250F	81349	69	23
RN60D6191F	81349	92	22	RN60D8250F	81349	71	23
RN60D6191F	81349	142	19	RN60D8250F	81349	86	41
RN60D6191F	81349	153	24	RN60D8250F	81349	99	37
RN60D6192F	81349	101	10	RN60D8250F	81349	105	50
RN60D6192F	81349	122	20	RN60D8250F	81349	114	37
RN60D6343F	81349	91	10	RN60D8250F	81349	115	39
RN60D6810F	81349	11	33	RN60D8250F	81349	151	17
RN60D6810F	81349	86	38	RN60D8250F	81349	155	32
RN60D6810F	81349	108	25	RN60D8251F	81349	43	28
RN60D6810F	81349	153	33	RN60D8251F	81349	51j1	34
RN60D6811F	81349	8	34	RN60D8251F	81349	56	40
RN60D6811F	81349	90	51	RN60D8251F	81349	67	25
RN60D6811F	81349	110	32	RN60D8251F	81349	93	40
RN60D6811F	81349	122	17	RN60D8251F	81349	95	24
RN60D6812F	81349	13	35	RN60D8251F	81349	101	12
RN60D6812F	81349	35	29	RN60D8251F	81349	108	22
RN60D6812F	81349	63	12	RN60D8251F	81349	114	33
RN60D6812F	81349	72	8	RN60D8251F	81349	115	34
RN60D6812F	81349	90	36	RN60D8251F	81349	122	21
RN60D6812F	81349	145	17	RN60D8251F	81349	145	32

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN60D8251F	81349	67	27	RN60D9092F	81349	68	22
RN60D8252F	81349	12	23	RN60D9092F	81349	69	25
RN60D8252F	81349	17	12	RN60D9092F	81349	70	21
RN60D8252F	81349	55	34	RN60D9092F	81349	71	26
RN60D8252F	81349	86	50	RN60D9092F	81349	158	18
RN60D8252F	81349	88	51	RN60E1002F	81349	89	23
RN60D8252F	81349	93	43	RN60E1103F	81349	148	45
RN60D8252F	81349	98	43	RN60E1332F	81349	89	22
RN60D8252F	81349	105	38	RN60E3922F	81349	98	34
RN60D8252F	81349	112	30	RN60E3922F	81349	144	32
RN60D8252F	81349	141	43	RN60G4990F	81349	110	31
RN60D8253F	81349	12	28	RN65C1102F	81349	79	28
RN60D90R9F	81349	107	25	RN65C1102F	81349	80	28
RN60D9090F	81349	10	22	RN65C1331F	81349	83	33
RN60D9090F	81349	101	9	RN65C1743F	81349	80	30
RN60D9090F	81349	136	12	RN65C2373F	81349	79	30
RN60D9091F	81349	4	20	RN65C2871F	8134Q	83	32
RN60D9091F	81349	5	35	RN65C8250F	81349	84	20
RN60D9091F	81349	6	35	RN65D1000F	81349	36	21
RN60Dq091F	81349	7	21	RN65D1001F	81349	67	28
RN60D9091F	81349	8	24	RN65D1001F	81349	68	20
RN60D9091F	81349	9	20	RN65D1003F	81349	108	18
RN60D9091F	81349	10	24	RN65D1212F	81349	107	29
RN60D9091F	81349	11	27	RN65D1212F	81349	131	12
RN60D9091F	81349	12	29	RN65D2000F	81349	93	22
RN60D9091F	81349	28	47	RN65D2000F	81349	105	28
RN60D9091F	81349	32	27	RN65D2000F	81349	147	27
RN60D9091F	81349	35	20	RN65D2004F	81349	148	42
RN60D9091F	81349	36	27	RN65D2213F	81349	108	36
RN60D9091F	81349	43	19	RN65D2490F	81349	106	22
RN60D9091F	81349	44	20	RN65D2743F	81349	108	33
RN60D9091F	81349	45	18	RN65D3010F	81349	10	31
RN60D9091F	81349	51	36	RN65D3013F	81349	154	19
RN60D9091F	81349	56	38	RN65D3323F	81349	151	21
RN60D9091F	81349	66	16	RN65D3921F	81349	108	37
RN60D9091F	81349	68	18	RN65D4320F	81349	92	19
RN60D9091F	81349	69	20	RN65D5110F	81349	105	33
RN60D9091F	81349	70	20	RN65D5111F	81349	10	29
RN60D9091F	81349	71	21	RN65D7501F	81349	108	35
RN60D9091F	81349	87	42	RN70C1623F	81349	85	26
RN60D9091F	81349	89	32	RN70C2613F	8134Q	85	25
RN60D9091F	81349	93	23	RN70D1003F	81349	108	30
RN60D9091F	81349	95	27	RN70D1500F	81349	37	10
RN60D9091F	81349	105	39	RN70D01R9F	81349	52	38
RN60D9091F	81349	112	24	RN75B1003F	81349	125	10
RN60D9091F	81349	136	17	RN75B1821F	81349	69	22
RN60D9091F	81349	141	36	RN75B1821F	81349	70	23
RN60D9091F	81349	142	25	RN75B2003F	81349	131	10
RN60D9091F	81349	144	39	RN75B2054F	81349	131	5
RN60D9091F	81349	146	35	RN75B2493F	81349	131	1
RN60D9092F	81349	12	24	RN75B2942F	81349	107	27
RN60D9092F	81349	17	16	RN75B3012F	81349	108	38
RN60D9092F	81349	28	40	RN75B5620F	81349	93	35
RN60D9092F	81349	30	23	RN75B5620F	81349	105	32
RN60D9092F	81349	31	15	RN75B8252F	81349	107	31
RN60D9092F	81349	52	21	RN80B1132F	81349	154	18
RN60D9092F	81349	53	15	RN80B1302F	81349	151	20
RN60D9092F	81349	56	26				



SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RN80B4321F	81349	143	4	RT24C2P103	81349	145	1H
RTH06BS182F	81349	114	36	RT24C2P103	81349	148	43
RTH06BS182F	81349	115	42	RT24C2P103	81349	155	34
RT22C2P102	81349	105	35	RT24C2P201	81349	5	36
RT22C2P102	81349	147	31	RT24C2P201	81349	6	30
RT22C2P103	81349	92	21	RT24C2P201	81349	54	46
RT22C2P103	81349	93	25	RT24C2P201	81349	86	36
RT22C2P103	81349	105	41	RT24C2P201	81349	153	30
RT22C2P103	81349	106	23	RT24C2P202	81349	7	32
RT22C2P103	81349	147	33	RT24C2P202	81349	54	44
RT22C2P201	81349	84	19	RT24C2P202	81349	67	20
RT22C2P201	81349	93	28	RT24C2P202	81349	79	29
RT22C2P202	81349	93	39	RT24C2P202	81349	80	29
RT22C2P501	81349	105	49	RT24C2P202	81349	85	29
RT22C2P501	81349	147	40	RT24C2P202	81349	88	28
RT22C2X203	81349	118	27	RT24C2P202	81349	114	40
RT24C2P101	81349	56	27	RT24C2P202	81349	115	43
RT24C2P101	81349	97	29	RT24C2P202	81349	146	32
RT24C2P101	81349	113	32	RT24C2P501	81349	28	33
RT24C2P102	81349	13	29	RT24C2P501	81349	43	25
RT24C2P102	81349	14	24	RT24C2P501	81349	68	29
RT24C2P102	81349	28	43	RT24C2P501	81349	69	29
RT24C2P102	81349	51	37	RT24C2P501	81349	70	29
RT24C2P102	81349	52	26	RT24C2P501	81349	71	32
RT24C2P102	81349	63	14	RT24C2P501	81349	81	24
RT24C2P102	81349	67	21	RT24C2P501	8134C	82	24
RT24C2P102	81349	83	31	RT24C2P501	81349	143	39
RT24C2P102	81349	87	41	RT24C2P502	81349	11	32
RT24C2P102	81349	90	26	RT24C2P502	81349	12	20
RT24C2P102	81349	95	21	RT24C2P502	81349	18	34
RT24C2P102	81349	99	38	RT24C2P502	81349	50	27
RT24C2P102	81349	112	21	RT24C2P502	81349	51	28
RT24C2P102	81349	113	28	RT24C2P502	81349	56	41
RT24C2P102	81349	152	10	RT24C2P502	81349	66	11
RT24C2P103	81349	8	29	RT24C2P502	81349	87	38
RT24C2P103	81349	10	19	RT24C2P502	81349	89	21
RT24C2P103	81349	18	28	RT24C2P502	81349	94	24
RT24C2P103	81349	35	28	RT24C2P502	81349	142	24
RT24C2P103	81349	51	26	RT24C2P502	81349	143	32
RT24C2P103	81349	56	29	RT24C2P502	81349	152	12
RT24C2P103	81349	86	49	RT24C2W102	81349	126	11
RT24C2P103	81349	87	32	RT24C2W501	81349	94	39
RT24C2P103	81349	88	38	RT24C2X103	81349	23	13
RT24C2P103	81349	89	28	RT24C2X103	81349	36	24
RT24C2P103	81349	90	30	RT24C2X501	81349	48	24
RT24C2P103	81349	97	21	RT24C2X502	81349	23	18
RT24C2P103	81349	98	33	RT24C2X502	81349	48	22
RT24C2P103	81349	99	24	RV41AYSA105B	81349	131	4
RT24C2P103	81349	100	25	RV41AYSA2525	81349	131	11
RT24C2P103	81349	107	30	RV41AYSA253B	81349	131	13
RT24C2P103	81349	109	20	RV4NAYS105A	81349	140	79
RT24C2P103	81349	110	18	RV4NAYS102A	81349	137	7
RT24C2P103	81349	111	20	RV4NAYS102A	81349	157	17
RT24C2P103	81349	114	30	RV4NAYS103A	81349	137	3
RT24C2P103	81349	115	22	RV4NAYS103A	8134c	157	18
RT24C2P103	81349	136	20	RV4NAYS103A	8134c	137	8
RT24C2P103	81349	141	30	RV4NAYS103A	81349	107	22
RT24C2P103	81349	144	31	RV61AYSA255A	81349	150'	24
				RV6NAYS1101A	81349		

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
RV6NAYS1104A	81349	156	11	SE181E01	81349	77	29
RV6NAYS1254A	81349	150	19	SE201D02	81349	161	1
RV6NAYS1254A	81349	156	17	SK-D-2018222	80063	133	9
RW68VR33	81349	81	21	SM-B-2017886	80063	2	68
RW68VR33	81349	82	21	SM-B-2017886	80063	40	49
RW69VR47	81349	84	14	SM-B-2017957	80063	41	17
RW69VR47	81349	146	25	SM-B-2018007	80063	40	44
RW69VR56	81349	84	18	SM-B-2018012-1	80063	40	27
RW69VR56	81349	142	15	SM-B-2018012-2	80063	40	35
RW69VR56	81349	146	20	SM-B-2018012-3	80063	40	29
RW69VR68	81349	142	18	SM-B-2018033	80063	57	21
RW69VR68	81349	146	24	SM-B-2018035	80063	57	31
RW69V1R0	81349	148	36	SM-B-2018036	80063	57	7
RW69V1R8	81349	83	25	SM-B-2018038	80063	57	30
RW69V100	81349	38	8	SM-B-2018039	80063	57	5
RW69V100	81349	111	19	SM-B-2018070	80063	140	76
RW69V100	81349	153	22	SM-B-2018186	80063	41	5
RW69V150	81349	109	19	SM-B-2018212	80063	135	3
RW69V150	81349	110	17	SM-B-2018382	80063	62	58
RW69V130	81349	111	25	SM-B-2018383	80063	62	27
RW69V271	81349	149	6	SM-B-2018384	80063	62	76
RW69V5R1	81349	153	20	SM-B-2018391	80063	62	20
RW69V510	81349	153	23	SM-B-2018446	80063	62	12
RW70V1R00F	81349	83	21	SM-B-2018447	80063	62	8
RW70U1001F	81349	118	16	SM-B-2018492	80063	64	44
RW70U3010F	81349	63	15	SM-B-2018501	80063	62	73
RW70U3920F	81349	73	3	SM-B-2018503	80063	62	31
RW70U5R11F	81349	56	42	SM-B-2018810	80063	2	47
RW74U1502F	81349	143	40	SM-B-2018813	80063	2	41
RW74U30R1F	81349	79	16	SM-B-2018830	80063	20	29
RW74U7R50F	81349	14	19	SM-B-2018833	80063	20	5
RW79UR825F	81349	118	17	SM-B-2018839	80063	2	77
RW79U1R50F	81349	55	31	SM-B-2018873	80063	21	17
RW79U1R50F	81349	63	19	SM-B-2018874	80063	21	26
RW79U1002F	81349	102	5	SM-B-2018879-1	80063	21	27
RW79U1211F	81349	63	18	SM-B-2018879-2	80063	21	30
RW79U1820F	81349	148	39	SM-B-2018879-3	80063	21	32
RW79U2210F	81349	113	24	SM-B-2018879-5	80063	21	35
RW79U3011F	81349	79	26	SM-B-2018907	80063	19	25
RW79U3011F	81349	80	23	SM-B-2018938	80063	2	20
RW79U3920F	81349	63	8	SM-B-2018961	80063	24	4
RW79U4750F	81349	158	15	SM-B-2019310	80063	62	44
RW79U51R1F	81349	156	15	SM-B-2019509	80063	2	62
RW80U3011F	81349	67	14	SM-B-2019534	80063	65	16
RW80U3011F	81349	71	24	SM-B-2019544	80063	40	34
RW80U6190F	81349	73	4	SM-B-2019550	80063	2	26
RW81U12R1F	81349	153	29	SM-B-2019552	80063	140	29
RW81U1210F	81349	83	35	SM-B-2019701	80063	62	60
RW81U2R43F	81349	79	23	SM-C-2012449	80063	62	9
RW81VUR75F	81349	80	22	SM-C-2013904	80063	8	19
RW81U5R11F	81349	153	28	SM-C-2017345-1	80063	133	7
R3821040	31949	77	15	SM-C-2017354-1	80063	135	8
SE099E01	81349	57	19	SM-C-2017358-1	80063	119	7
SE099E02	81349	64	11	SM-C-2017374-1	80063	20	33
SE16XC01	81349	120	2	SM-C-2017384-12	80063	72	5
SE16XC01	81349	126	6	SM-C-2017391-1	80063	57	26
SE16XC01	81349	134	2	SM-C-2017397-2	80063	125	4
SE181E01	81349	64	10	SM-C-2017406-1	80063	62	68

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
SM-C-2017410-1 1	80063	88	1	SM-C-2018027	80063	57	28
SM-C-2017422-1	80063	89	36	SM-C-2018029	80063	57	35
SM-C-2017426-1	80063	62	97	SM-C-2018031	80063	57	37
SM-C-2017429-1	80063	126	8	SM-C-2018032	80063	57	38
SM-C-2017430-1	80063	19	39	SM-C-2018034	80063	57	36
SM-C-2017431-1	80063	160	1	SM-C-2018037	80063	57	22
SM-C-2017434-1	80063	2	6	SM-C-2018068	80063	140	33
SM-C-2017434-2	80063	2	3	SM-C-2018071	80063	140	31
SM-C-2017437-1	80063	157	8	SM-C-2018073	80063	140	54
SM-C-2017439-1	80063	18	12	SM-C-2018074	80063	140	24
SM-C-2017441-3	80063	2	15	SM-C-2018075	80063	140	49
SM-C-2017448-1	80063	150	7	SM-C-2018080	80063	140	23
SM-C-2017448-2	80063	104	30	SM-C-2018082	80063	140	22
SM-C-2017448-2	80063	125	9	SM-C-2018090	80063	140	28
SM-C-2017450-1	80063	24	1	SM-C-2018101	80063	140	66
SM-C-2017478-4	80063	62	26	SM-C-2018162	80063	137	14
SM-C-2017490-2	80063	137	17	SM-C-2018164	80063	137	15
SM-C-2017494-1	80063	3	21	SM-C-2018169	80063	137	11
SM-C-2017494-1	80063	16	17	SM-C-2018181-2	80063	119	4
SM-C-2017494-1	80063	42	1	SM-C-2018187	80063	41	9
SM-C-2017494-1	80063	118	11	SM-C-2018200	80063	135	2
SM-C-2017800	80063	40	11	SM-C-2018203	80063	135	1
SM-C-2017801	80063	40	12	SM-C-2018206	80063	135	4
SM-C-2017802	80063	40	57	SM-C-2018210	80063	135	17
SM-C-2017808	80063	42	8	SM-C-2018211	80063	135	12
SM-C-2017872	80063	40	47	SM-C-2018298	80063	140	40
SM-C-2017887	80063	2	69	SM-C-2018357-1	80063	2	63
SM-C-2017887	80063	40	53	SM-C-2018362	80063	62	22
SM-C-2017888	80063	40	40	SM-C-2018365	80063	62	71
SM-C-2017912-1	80063	20	11	SM-C-2018365-4	80063	62	90
SM-C-2017912-1	80063	61	3	SM-C-2018366	80063	62	41
SM-C-2017912-1	80063	62	47	SM-C-2018369	80063	62	75
SM-C-2017912-1	80063	64	50	SM-C-2018371	80063	62	91
SM-C-2017912-3	80063	64	4	SM-C-2018372-1	80063	62	72
SM-C-2017912-6	80063	62	57	SM-C-2018375	80063	62	33
SM-C-2017954	80063	41	2	SM-C-2018376	80063	62	84
SM-C-2017956-6	80063	41	10	SM-C-2018377	80063	62	6
SM-C-2017958	80063	41	19	SM-C-2018378	80063	62	16
SM-C-2017959-1	80063	41	21	SM-C-2018385	80063	62	39
SM-C-2017959-2	80063	2	71	SM-C-2018390	80063	62	1
SM-C-2017959-4	80063	41	15	SM-C-2018392	80063	62	15
SM-C-2017960	80063	41	3	SM-C-2018400	80063	62	59
SM-C-2017962	80063	41	20	SM-C-2018406-1	80063	62	61
SM-C-2017967	80063	41	7	SM-C-2018407	80063	62	99
SM-C-2017971-1	80063	140	68	SM C-2018413	80063	62	3
SM-C-2017990	80063	55	5	SM-C-2018417	80063	62	24
SM-C-2017990	80063	59	1	SM-C-2018419	80063	62	98
SM-C-2017993	80063	59	8	SM-C-2018425	80063	62	78
SM-C-2017994	80063	59	9	SM-C-2018427	80063	62	65
SM-C-2017996	80063	59	4	SM-C-2018431	80063	62	38
SM-C-2017998	80063	59	12	SM-C-2018462-1	80063	62	83
SM-C-2018001	80063	59	13	SM-C-2018468	80063	64	25
SM-C-2018002	80063	59	7	SM-C-2018469	80063	62	11
SM-C-2018014	80063	58	3	SM-C-2018469	80063	64	9
SM-C-2018017	80063	20	8	SM-C-2018470	80063	64	24
SM-C-2018017	80063	58	8	SM-C-2018474	80063	64	27
SM-C-2018018	80063	20	20	SM -C-2018477	80063	64	46
SM-C-2018018	80063	58	7	SM-C-2018478	80063	64	5

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
S-C-2018479	80063	64	4 F	SM-C-2019281	80063	62	88
SM-C-2018486	80063	64	23	SM-C-2019290-1	80063	119	31
SM-C-2018490	80063	62	18	SM-C-2019312-1	80063	2	27
SM-C-2018498-1	80063	62	25	SM-C-2019331-2	80063	127	2
SM-C-2018502	80063	62	74	SM-C-2019333-3	80063	58	2
SM-C-2018517	80063	62	34	SM-C-2019336-3	80063	57	3
SM-C-2018520	80063	62	35	SM-C-2019341-1	80063	127	4
SM-C-2018541	80063	40	8	SM-C-2019342-1	80063	21	25
SM-C-2018525-1	80063	150	15	SM-C-2019348-9	80063	150	14
SM-C-2018524-1	80063	150	28	SM-C-2019353-2	80063	61	6
SM-C-2018661	80063	65	15	SM-C-2019353-4	80063	61	4
SM-C-2018665-1	80063	65	29	SM-C-2019364-3	80063	64	48
SM-C-2018679-1	80063	62	43	SM-C-2019367-1	80063	62	49
SM-C-2018689-1	80063	20	2	SM-C-2019367-2	80063	57	9
SM-C-2018689-1	80063	24	5	SM-C-2019368-3	80063	57	11
SM-C-2018689-2	80063	59	5	SM-C-2019368-4	80063	57	13
SM-C-2018788-1	80063	140	55	SM-C-2019369-1	80063	20	30
SM-C-2018788-2	80063	140	78	SM-C-2019371-1	80063	62	30
SM-C-2018799-1	80063	2	39	SM-C-2019371-2	80063	62	28
SM-C-2018812	80063	2	40	SM-C-2019373-1	80063	59	6
SM-C-2018820	80063	2	72	SM-C-2019375-1	80063	143	16
SM-C-2018827	80063	20	4	SM-C-2019383-2	80063	59	11
SM-C-2018829	80063	20	21	SM-C-2019385-2	80063	19	19
SM-C-2018831	80063	20	12	SM-C-2019386-2	80063	19	18
SM-C-2018834	80063	20	25	SM-C-2019388-2	80063	19	17
SM-C-2018835	80063	20	23	SM-C-2019389-4	80063	57	10
SM-C-2018837	80063	2	74	SM-C-2019390-1	80063	12	14
SM-C-2018838	80063	2	78	SM-C-2019390-1	80063	143	17
SM-C-2018841	80063	2	51	SM-C-2019397-5	80063	64	3
SM-C-2018843	80063	2	14	SM-C-2019397-6	80063	64	34
SM-C-2018844	80063	2	13	SM-C-2019398-1	80063	21	37
SM-C-2018845	80063	2	5	SM-C-2019400-1	80063	21	5
SM-C-2018846	80063	2	22	SM-C-2019401-2	80063	21	8
SM-C-2018875-1	80063	21	28	SM-C-2019403-1	80063	21	14
SM-C-2018875-2	80063	21	31	SM-C-2019412-1	80063	23	26
SM-C-2018875-3	80063	21	33	SM-C-2019417-1	80063	143	15
SM-C-2018875-5	80063	21	34	SM-C-2019436	80063	40	16
SM-C-2018887	80063	19	4	SM-C-2019436-1	80063	65	23
SM-C-2018894	80063	19	27	SM-C-2019436-4	80063	140	43
SM-C-2018895	80063	19	8	SM-C-2019436-5	80063	40	18
SM-C-2018896	80063	19	11	SM-C-2019436-7	80063	65	35
SM-C-2018897	80063	19	12	SM-C-2019436-7	80063	140	42
SM-C-2018898	80063	19	9	SM-C-2019437-2	80063	62	92
SM-C-2018908	80063	19	10	SM-C-2019439-1	80063	62	7
SM-C-2018929	80063	16	6	SM-C-2019440-1	80063	14	10
SM-C-2018952	80063	2	57	SM-C-2019440-1	80063	120	5
SM-C-2018963	80063	24	2	SM-C-2019440-1	80063	134	3
SM-C-2018964	80063	24	3	SM-C-2019459-1	80063	57	8
SM-C-2019049	80063	119	25	SM-C-2019460-1	80063	64	33
SM-C-2019064	80063	119	21	SM-C-2019461-1	80063	64	2
SM-C-2019072	80063	119	6	SM-C-2019462-1	80063	57	12
SM-C-2019073	80063	119	11	SM-C-2019465-1	80063	20	28
SM-C-2019157-1	80063	150	26	SM-C-2019465-1	80063	62	32
SM-C-2019205-1	80063	62	4	SM-C-2019467-1	80063	21	16
SM-C-2019254	80063	41	13	SM-C-2019467-2	80063	21	6
SM-C-2019255	80063	41	14	SM-C-2019467-2	80063	57	18
SM-C-2019262	80063	119	33	SM-C-2019468-1	80063	57	4
SM-C-2019262	80063	125	11	SM-C-2019468-2	80063	62	63

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
SM-C-2019468-2	80063	64	14	SM-C-2019733	80063	16	10
SM-C-2019468-3	80063	62	14	SM-C-2019734	80063	16	11
SM-C-2019470-1	80063	41	1	SM-C-2019735	80063	16	12
SM-C-2019472-1	80063	64	21	SM-C-2019736	80063	16	13
SM-C-2019476-1	80063	161	3	SM-C-2019751-5	80063	135	5
SM-C-2019478-1	80063	19	5	SM-C-2019778	80063	77	43
SM-C-2019497-1	80063	2	92	SM-C-2019779	80063	77	46
SM-C-2019503-2	80063	19	29	SM-C-2019803-1	80063	75	15
SM-C-2019504-1	80063	140	51	SM-C-2019826	80063	62	40
SM-C-2019520-4	80063	22	14	SM-C-2019827	80063	64	17
SM-C-2019521-2	80063	64	38	SM-C-2019838-1	80063	75	3
SM-C-2019521-4	80063	2	8	SM-C-2019842	80063	20	35
SM-C-2019521-4	80063	19	23	SM-C-2019850	80063	62	82
SM-C-2019521-5	80063	2	33	SM-C-2019856	80063	62	5
SM-C-2019522-3	80063	22	1	SM-C-2019858	80063	62	85
SM-C-2019522-4	80063	64	39	SM-C-2019859	80063	62	86
SM-C-2019522-7	80063	19	22	SM-C-2020926	80063	62	96
SM-C-2019523-20	80063	2	31	SM-D-2017349-1	80063	149	9
SM-C-2019524-4	80063	19	24	SM-D-2017353-1	80063	113	8
SM-C-2019525-2	80063	64	51	SM-D-2017355-1	80063	135	7
SM-C-2019527-1	80063	2	11	SM-D-2017359-1	80063	147	23
SM-C-2019528-14	80063	2	9	SM-D-2017368-1	80063	137	5
SM-C-2019528-22	80063	19	21	SM-D-2017369	80063	149	21
SM-C-2019528-4	80063	64	37	SM-D-2017370	80063	149	15
SM-C-2019528-6	80063	22	2	SM-D-2017371	80063	113	33
SM-C-2019530-1	80063	65	30	SM-D-2017372	80063	113	14
SM-C-2019532	80063	65	11	SM-D-2017377-3	80063	56	21
SM-C-2019537	80063	137	25	SM-D-2017378-1	80063	79	14
SM-C-2019538	80063	135	14	SM-D-2017378-1	80063	80	14
SM-C-2019548	80063	40	31	SM-D-2017382-7	80063	104	27
SM-C-2019556-5	80063	64	20	SM-D-2017383-1	80063	119	38
SM-C-2019557-3	80063	57	23	SM-D-2017383-2	80063	18	13
SM-C-2019557-3	80063	64	19	SM-D-2017383-2	80063	127	1
SM-C-2019560	80063	62	55	SM-D-2017383-3	80063	16	18
SM-C-2019569-2	80063	62	36	SM-D-2017383-3	80063	85	27
SM-C-2019573-2	80063	21	41	SM-D-2017384-12	80063	40	51
SM-C-2019591-6	80063	20	27	SM-D-2017384-12	80063	102	8
SM-C-2019594-4	80063	19	14	SM-D-2017384-12	80063	140	52
SM-C-2019606-1	80063	19	20	SM-D-2017385-1	80063	3	1
SM-C-2019615-1	80063	104	47	SM-D-2017388-1	80063	150	17
SM-C-2019615-2	80063	119	32	SM-D-2017388-4	80063	160	7
SM-C-2019625-1	80063	46	10	SM-D-2017390-1	80063	15	12
SM-C-2019625-2	80063	46	9	SM-D-2017390-1	80063	46	14
SM-C-2019625-5	80063	46	12	SM-D-2017394-1	80063	148	28
SM-C-2019661-5	80063	62	89	SM-D-2017396-1	80063	54	51
SM-C-2019678	80063	2	45	SM-D-2017396-1	80063	67	29
SM-C-2019679	80063	2	37	SM-D-2017396-1	80063	85	43
SM-C-2019680	80063	2	29	SM-D-2017396-1	80063	86	57
SM-C-2019681	80063	2	28	SM-D-2017397-2	80063	4	28
SM-C-2019691-1	80063	104	49	SM-D-2017397-2	80063	8	36
SM-C-2019691-2	80063	104	31	SM-D-2017397-2	80063	43	33
SM-C-2019692-1	80063	119	10	SM-D-2017397-2	80063	45	25
SM-C-2019694-1	80063	19	15	SM-D-2017398-2	80063	45	24
SM-C-2019696-1	80063	19	45	SM-D-2017398-2	80063	89	37
SM-C-2019703	80063	16	14	SM-D-2017398-2	80063	100	28
SM-C-2019730	80063	16	7	SM-D-2017398-2	80063	147	54
SM-C-2019731	80063	16	8	SM-D-2017398-2	80063	158	22
SM-C-2019732	80063	16	9	SM-D-2017400-4	80063	3	19

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
SM-D-2017401-11	80063	272	4	SM-D-2017423-45	80063	90	2
SM-D-2017401-8	80063	75	7	SM-D-2017423-46	80063	91	5
SM-D-2017401-8	80063	103	4	SM-D-2017423-47	80063	92	14
SM-D-2017402-1	80063	21	13	SM-D-2017423-48	80063	93	17
SM-D-2017403-1	80063	62	67	SM-D-2017423-49	80063	94	15
SM-D-2017405-1	80063	35	18	SM-D-2017423-5	80063	145	12
SM-D-2017405-1	80063	86	23	SM-D-2017423-50	80063	95	10
SM-D-2017405-1	01295	94	17	SM-D-2017423-51	80063	96	11
SM-D-2017405-1	80063	143	22	SM-D-2017423-52	80063	97	15
SM-D-2017405-2	80063	5	16	SM-D-2017423-53	80063	98	20
SM-D-2017405-2	80063	6	15	SM-D-2017423-54	80063	99	18
SM-D-2017405-2	80063	11	18	SM-D-2017423-55	80063	100	17
SM-D-2017405-2	80063	27	18	SM-D-2017423-56	80063	101	6
SM-D-2017405-2	80063	28	20	SM-D-2017423-57	80063	105	23
SM-D-2017405-2	80063	51	14	SM-D-2017423-58	80063	106	17
SM-D-2017409-1	80063	101	16	SM-D-2017423-59	80063	107	10
SM-D-2017411-2	80063	119	13	SM-D-2017423-6	80063	146	16
SM-D-2017413-2	80063	72	2	SM-D-2017423-60	80063	108	13
SM-D-2017417-3	80063	140	59	SM-D-2017423-61	80063	109	15
SM-D-2017418-1	80063	140	62	SM-D-2017423-62	80063	110	16
SM-D-2017419-1	80063	119	26	SM-D-2017423-63	80063	111	15
SM-D-2017420-1	80063	119	18	SM-D-2017423-64	80063	113	16
SM-D-2017421-1	80063	2	17	SM-D-2017423-65	80063	115	18
SM-D-2017423-1	80063	141	22	SM-D-2017423-66	80063	114	20
SM-D-2017423-10	80063	152	7	SM-D-2017423-68	80063	34	11
SM-D-2017423-11	80063	153	15	SM-D-2017423-69	80063	112	14
SM-D-2017423-12	80063	154	10	SM-D-2017423-7	80063	147	22
SM-D-2017423-13	80063	155	18	SM-D-2017423-70	80063	53	12
SM-D-2017423-14	80063	158	11	SM-D-2017423-71	80063	56	23
SM-D-2017423-16	80063	27	17	SM-D-2017423-72	80063	54	22
SM-D-2017423-17	80063	28	17	SM-D-2017423-73	80063	52	20
SM-D-2017423-18	80063	29	10	SM-D-2017423-74	80063	55	18
SM-D-2017423-19	80063	30	17	SM-D-2017423-75	80063	51	11
SM-D-2017423-2	80063	142	12	SM-D-2017423-8	80063	148	23
SM-D-2017423-20	80063	31	12	SM-D-2017423-9	97954	151	11
SM-D-2017423-21	80063	32	16	SM-D-2017424-1	80063	119	27
SM-D-2017423-22	80063	33	16	SM-D-2017425-1	80063	119	30
SM-D-2017423-23	80063	35	16	SM-D-2017425-2	80063	119	15
SM-D-2017423-24	80063	36	19	SM-D-2017427-1	80063	57	14
SM-D-2017423-25	80063	37	4	SM-D-2017428-2	80063	121	3
SM-D-2017423-28	80063	66	7	SM-D-2017428-2	80063	12	2
SM-D-2017423-29	80063	67	9	SM-D-2017433-1	80063	26	2
SM-D-2017423-3	80063	143	21	SM-D-2017433-10	80063	26	26
SM-D-2017423-30	80063	68	16	SM-D-2017433-12	80063	104	3
SM-D-2017423-31	80063	69	18	SM-D-2017433-13	80063	104	4
SM-D-2017423-32	80063	70	18	SM-D-2017433-14	80063	78	58
SM-D-2017423-33	80063	71	19	SM-D-2017433-15	80063	140	48
SM-D-2017423-34	80063	79	12	SM-D-2017423-17	80063	160	5
SM-D-2017423-35	80063	80	12	SM-D-2017433-18	80063	78	57
SM-D-2017423-36	80063	81	14	SM-D-2017433-2	80063	26	31
SM-D-2017423-37	80063	82	14	SM-D-2017433-3	80063	16	4
SM-D-2017423-38	80063	83	16	SM-D-2017433-4	80063	40	17
SM-D-2017423-39	80063	84	11	SM-D-2017433-5	80063	26	25
SM-D-2017423-4	80063	144	19	SM-D-2017433-7	80063	140	50
SM-D-2017423-40	80063	85	18	SM-D-2017438-1	80063	16	15
SM-D-2017423-41	80063	86	22	SM-D-2017440-1	80063	149	17
SM-D-2017423-42	80063	87	22	SM-D-2017442-1	80063	149	25
SM-D-2017423-43	80063	88	19	SM-D-2017444-1	80063	2	81
SM-D-2017423-44	80063	89	15				

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
SM-D-2017444-1	80063	16	5	SM-D-2017452-54	80063	78	37
SM-D-2017445	80063	54	20	SM-D-2017452-55	80063	78	35
SM-D-2017446-1	80063	11	8	SM-D-2017452-56	80063	78	33
SM-D-2017446-2	80063	5	9	SM-D-2017452-57	80063	78	31
SM-D-2017446-2	80063	6	8	SM-D-2017452-58	80063	78	29
SM-D-2017446-2	80063	44	6	SM-D-2017452-59	80063	104	46
SM-D-2017446-3	80063	5	3	SM-D-2017452-6	80063	140	13
SM-D-2017446-3	80063	6	3	SM-D-2017452-60	80063	104	45
SM-D-2017446-3	80063	25	2	SM-D-2017452-61	80063	104	44
SM-D-2017446-3	80063	61	5	SM-D-2017452-62	80063	104	43
SM-D-2017446-4	80063	5	4	SM-D-2017452-63	80063	104	42
SM-D-2017446-4	80063	6	4	SM-D-2017452-64	80063	104	41
SM-D-2017446-5	80063	12	3	SM-D-2017452-65	80063	104	40
SM-D-2017446-5	80063	15	2	SM-D-2017452-66	80063	104	38
SM-D-2017446-5	80063	46	5	SM-D-2017452-67	80063	104	36
SM-D-2017452-1	80063	140	16	SM-D-2017452-68	80063	104	37
SM-D-2017452-10	80063	150	30	SM-D-2017452-69	80063	49	7
SM-D-2017452-11	80063	150	5	SM-D-2017452-7	80063	140	12
SM-D-2017452-12	80063	150	6	SM-D-2017452-70	80063	49	18
SM-D-2017452-13	80063	150	11	SM-D-2017452-71	80063	26	14
SM-D-2017452-14	80063	157	3	SM-D-2017452-72	80063	104	39
SM-D-2017452-15	80063	157	4	SM-D-2017452-8	80063	140	18
SM-D-2017452-16	80063	26	1	SM-D-2017452-9	80063	150	1
SM-D-2017452-17	80063	26	3	SM-D-2017453-2	80063	4	29
SM-D-2017452-18	80063	26	5	SM-D-2017453-2	80063	7	34
SM-D-2017452-19	80063	26	22	SM-D-2017453-2	80063	30	24
SM-D-2017452-2	80063	140	17	SM-D-2017453-2	80063	31	17
SM-D-2017452-20	80063	26	10	SM-D-2017453-2	80063	34	29
SM-D-2017452-21	80063	26	18	SM-D-2017453-2	80063	35	39
SM-D-2017452-22	80063	26	16	SM-D-2017453-2	80063	43	31
SM-D-2017452-23	80063	26	12	SM-D-2017453-2	80063	45	27
SM-D-2017452-24	80063	26	10	SM-D-2017453-2	80063	53	23
SM-D-2017452-25	80063	26	8	SM-D-2017453-2	80063	63	20
SM-D-2017452-26	80063	49	8	SM-D-2017453-2	80063	95	33
SM-D-2017452-27	80063	49	17	SM-D-2017453-2	80063	147	49
SM-D-2017452-28	80063	49	20	SM-D-2017454-2	80063	8	37
SM-D-2017452-29	80063	49	19	SM-D-2017454-2	80063	30	25
SM-D-2017452-3	80063	140	11	SM-D-2017454-2	80063	31	18
SM-D-2017452-36	80063	78	5	SM-D-2017454-2	80063	147	55
SM-D-2017452-37	80063	78	7	SM-D-2017455-2	80063	105	53
SM-D-2017452-38	80063	78	9	SM-D-2017455-2	80063	147	56
SM-D-2017452-39	80063	78	11	SM-D-2017456-2	80063	53	24
SM-D-2017452-4	80063	140	15	SM-D-2017456-2	80063	100	29
SM-D-2017452-40	80063	78	13	SM-D-2017457-2	80063	35	38
SM-D-2017452-41	80063	78	14	SM-D-2017457-2	80063	89	38
SM-D-2017452-42	80063	78	16	SM-D-2017457-2	80063	147	53
SM-D-2017452-43	80063	78	18	SM-D-2017459-12	80063	140	61
SM-D-2017452-44	80063	78	20	SM-D-2017459-8	80063	40	58
SM-D-2017452-45	80063	78	22	SM-D-2017460-1	80063	12	4
SM-D-2017452-46	80063	78	25	SM-D-2017460-2	80063	99	6
SM-D-2017452-47	80063	78	26	SM-D-2017460-3	80063	20	24
SM-D-2017452-48	80063	78	49	SM-D-2017460-4	80063	149	12
SM-D-2017452-49	80063	78	47	SM-D-2017460-5	80063	64	15
SM-D-2017452-5	80063	140	14	SM-D-2017461-1	80063	94	14
SM-D-2017452-50	80063	78	45	SM-D-2017461-1	80063	96	10
SM-D-2017452-51	80063	78	43	SM-D-2017461-1	80063	107	9
SM-D-2017452-52	80063	78	41	SM-D-2017461-1	80063	143	19
SM-D-2017452-53	80063	78	39	SM-D-2017461-1	80063	152	6

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
SM-D-2017461-2	80063	14	1	SM-D-2017483-1	80063	70	
SM-D-2017461-2	80063	30	15	SM-D-2017483-1	80063	71	34
SM-D-2017461-2	80063	31	10	SM-D-2017483-1	80063	79	32
SM-D-2017461-2	80063	38	5	SM-D-2017483-1	80063	80	31
SM-D-2017461-2	80063	48	8	SM-D-2017483-1	80063	81	26
SM-D-2017461-2	80063	50	10	SM-D-2017483-1	80063	82	26
SM-D-2017461-2	80063	54	19	SM-D-2017483-1	80063	83	36
SM-D-2017461-2	80063	67	8	SM-D-2017483-1	80063	85	44
SM-D-2017461-2	80063	91	3	SM-D-2017483-1	80063	86	56
SM-D-2017461-2	80063	96	9	SM-D-2017483-1	80063	87	43
SM-D-2017461-2	80063	134	4	SM-D-2017483-1	80063	88	55
SM-D-2017461-2	80063	155	17	SM-D-2017483-1	80063	89	35
SM-D-2017461-3	80063	120	3	SM-D-2017483-1	80063	90	56
SM-D-2017461-3	80063	124	3	SM-D-2017483-1	80063	92	36
SM-D-2017461-4	80063	103	5	SM-D-2017483-1	80063	95	31
SM-D-2017461-5	80063	95	9	SM-D-2017483-1	80063	98	47
SM-D-2017461-6	80063	91	4	SM-D-2017483-1	80063	99	41
SM-D-2017461-6	80063	148	20	SM-D-2017483-1	80063	109	37
SM-D-2017461-7	80063	85	17	SM-D-2017483-1	80063	110	42
SM-D-2017463-12	80063	140	57	SM-D-2017483-1	80063	111	36
SM-D-2017463-8	80063	160	8	SM-D-2017483-1	80063	114	46
SM-D-2017464-1	80063	18	14	SM-D-2017483-1	80063	115	47
SM-D-2017464-1	80063	53	14	SM-D-2017483-1	80063	118	31
SM-D-2017465-1	80063	45	26	SM-D-2017483-1	80063	136	22
SM-D-2017466-1	80063	32	9	SM-D-2017483-1	80063	142	26
SM-D-2017471-1	80063	107	28	SM-D-2017483-1	80063	144	40
SM-D-2017482-1	80063	32	34	SM-D-2017483-1	80063	145	40
SM-D-2017482-1	80063	93	50	SM-D-2017483-1	80063	146	36
SM-D-2017482-1	80063	94	41	SM-D-2017483-1	80063	147	51
SM-D-2017482-1	80063	96	22	SM-D-2017483-1	80063	148	49
SM-D-2017482-1	80063	105	54	SM-D-2017484-1	80063	7	5
SM-D-2017482-1	80063	106	31	SM-D-2017484-1	80063	11	6
SM-D-2017482-1	80063	114	45	SM-D-2017484-1	01884	43	7
SM-D-2017482-1	80063	115	46	SM-D-2017484-10	80063	141	11
SM-D-2017482-1	80063	129	23	SM-D-2017484-11	80063	87	3
SM-D-2017482-1	80063	143	45	SM-D-2017484-11	80063	141	12
SM-D-2017482-1	80063	147	50	SM-D-2017484-12	80063	87	6
SM-D-2017482-1	80063	152	17	SM-D-2017484-12	80063	90	4
SM-D-2017482-1	80063	155	49	SM-D-2017484-12	80063	98	5
SM-D-2017483-1	80063	5	38	SM-D-2017484-13	80063	113	7
SM-D-2017483-1	80063	6	36	SM-D-2017484-2	80063	97	2
SM-D-2017483-1	80063	7	33	SM-D-2017484-3	80063	97	1
SM-D-2017483-1	80063	8	38	SM-D-2017484-4	80063	43	8
SM-D-2017483-1	80063	9	26	SM-D-2017484-5	80063	9	6
SM-D-2017483-1	80063	10	35	SM-D-2017484-5	80063	11	7
SM-D-2017483-1	80063	11	34	SM-D-2017484-5	80063	101	1
SM-D-2017483-1	80063	13	37	SM-D-2017484-6	80063	8	4
SM-D-2017483-1	80063	14	33	SM-D-2017484-6	80063	9	5
SM-D-2017483-1	80063	23	24	SM-D-2017484-6	01884	44	5
SM-D-2017483-1	80063	28	48	SM-D-2017484-7	80063	88	7
SM-D-2017483-1	80063	43	32	SM-D-2017484-8	80063	51	4
SM-D-2017483-1	80063	44	27	SM-D-2017484-9	80063	155	8
SM-D-2017483-1	80063	52	43	SM-D-2017485-1	80063	15	6
SM-D-2017483-1	80063	54	50	SM-D-2017485-1	80063	46	13
SM-D-2017483-1	80063	55	38	SM-D-2017485-1	80063	102	3
SM-D-2017483-1	80063	56	46	SM-D-2017487-3	80063	38	4
SM-D-2017483-1	80063	68	33	SM-D-2017488-1	80063	2	95
SM-D-2017483-1	80063	69	32	SM-D-2017489-1	80063	149	24



SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
SM-D-2017491-2	80063	62	53	SM-D-2018009	80063	20	16
SM-D-2017492-2	80036	40	59	SM-D-2018009	80063	40	43
SM-D-2017493-1	80063	23	25	SM-D-2018010	80063	40	52
SM-D-2017493-1	80063	29	27	SM-D-2018024	80063	57	29
SM-D-2017493-1	80063	34	28	SM-D-2018040	96214	140	26
SM-D-2017493-1	80063	35	37	SM-D-2018052	80063	140	37
SM-D-2017493-1	80063	36	30	SM-D-2018066	80063	140	56
SM-D-2017493-1	80063	52	44	SM-D-2018067	80063	140	77
SM-D-2017493-1	80063	87	44	SM-D-2018069	80063	140	36
SM-D-2017493-1	80063	88	54	SM-D-2018076	80063	140	67
SM-D-2017493-1	80063	92	35	SM-D-2018083	80063	140	19
SM-D-2017493-1	80063	93	51	SM-D-2018084	80063	140	20
SM-D-2017493-1	80063	94	40	SM-D-2018085	80063	140	9
SM-D-2017493-1	80063	95	32	SM-D-2018091	80063	140	21
SM-D-2017493-1	80063	101	18	SM-D-2018092	80063	140	71
SM-D-2017493-1	80063	147	52	SM-D-2018098	80063	140	69
SM-D-2017796	80063	40	22	SM-D-2018099	80063	140	70
SM-D-2017798	80063	40	24	SM-D-2018100	80063	140	63
SM-D-2017803	80063	40	5	SM-D-2018102	80063	140	64
SM-D-2017803-1	80063	40	6	SM-D-2018104	80063	140	65
SM-D-2017804	80063	40	23	SM-D-2018105	80063	140	74
SM-D-2017810	80063	42	3	SM-D-2018106	80063	140	75
SM-D-2017822	80063	49	11	SM-D-2018107	80063	140	73
SM-D-2017825	80063	49	14	SM-D-2018108	80063	140	72
SM-D-2017828	80063	49	15	SM-D-2018118	80063	140	4
SM-D-2017857	80063	49	13	SM-D-2018121	80063	140	3
SM-D-2017860	80063	49	10	SM-D-2018124	80063	140	8
SM-D-2017863	80063	49	9	SM-D-2018127	80063	140	7
SM-D-2017866	80063	49	12	SM-D-2018130	80063		6
SM-D-2017869	80063	42	18	SM-D-2018133	80063		2
SM-D-2017875	80063	40	4	SM-D-2018136	80063	140	5
SM-D-2017881	80063	42	14	SM-D-2018139	80063	140	1
SM-D-2017882	80063	42	6	SM-D-2018161	80063	137	10
SM-D-2017894	80063	42	16	SM-D-2018163	80063	137	9
SM-D-2017897	80063	3	6	SM-D-2018165	80063	137	28
SM-D-2017897	80063	42	13	SM-D-2018166	80063	137	23
SM-D-2017900	80063	3	9	SM-D-2018167	80063	137	12
SM-D-2017900	80063	42	17	SM-D-2018171	80063	149	2
SM-D-2017903	80063	3	4	SM-D-2018174	80063	113	15
SM-D-2017903	80063	42	11	SM-D-2018174	80063	149	16
SM-D-2017906	80063	3	5	SM-D-2018178	80063	55	37
SM-D-2017906	80063	42	12	SM-D-2018178	80063	56	45
SM-D-2017909	80063	3	7	SM-D-2018202	80063	135	6
SM-D-2017909	80063	42	15	SM-D-2018205-1	80063	135	16
SM-D-2017933	80063	41	6	SM-D-2018214	80063	132	1
SM-D-2017950	80063	41	8	SM-D-2018220	80063	133	4
SM-D-2017963	80063	2	79	SM-D-2018221	80063	133	13
SM-D-2017963	80063	41	18	SM-D-2018224	80063	133	10
SM-D-2017964	80063	41	16	SM-D-2018227	80063	133	15
SM-D-2017966	80063	41	11	SM-D-2018242	80063	160	4
SM-D-2017968	80063	41	4	SM-D-2018245	80063	160	11
SM-D-2017982	80063	40	7	SM-D-2018263	80063	160	13
SM-D-2017985	80063	47	1	SM-D-2018265	80063	161	2
SM-D-2017987	80063	47	3	SM-D-2018282	80063	157	1
SM-D-2017989	80063	59	3	SM-D-2018285	80063	157	2
SM-D-2018003	80063	59	10	SM-D-2018299	80063	150	27
SM-D-2018004	80063	40	45	SM-D-2018312	80063	150	16
SM-D-2018005	80063	40	39	SM-D-2018321	80063	150	13
SM-D-2018006	80063	40	38				

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
SM-D-2018341	80063	150	2	SM-D-2018672	80063	65	7
SM-D-2018344	80063	150	3	SM-D-2018675	80063	65	8
SM-D-2018347	80063	150	4	SM-D-2018678	80063	65	9
SM-D-2018352	96214	150	9	SM-D-2018682	80063	65	21
SM-D-2018355	80063	150	12	SM-D-2018685	80063	65	20
SM-D-2018370	80063	62	29	SM-D-2018686-1	80063	131	2
SM-D-2018374	80063	62	48	SM-D-2018686-2	80063	131	7
SM-D-2018379	80063	62	46	SM-D-2018686-2	80063	156	13
SM-D-2018386	80063	62	66	SM-D-2018686-3	80063	131	9
SM-D-2018388	80063	62	69	SM-D-2018686-4	80063	156	8
SM-D-2018394	80063	62	21	SM-D-2018706	80063	78	52
SM-D-2018401	80063	62	62	SM-D-2018721	80063	78	4
SM-D-2018408	80063	62	64	SM-D-2018724	80063	78	6
SM-D-2018422	80063	62	13	SM-D-2018727	80063	78	8
SM-D-2018433	80063	62	2	SM-D-2018730	80063	78	10
SM-D-2018451	80063	62	79	SM-D-2018733	80063	78	12
SM-D-2018457	80063	62	87	SM-D-2018736	96214	78	15
SM-D-2018471	80063	64	36	SM-D-2018739	80063	78	17
SM-D-2018475	80063	64	18	SM-D-2018742	80063	78	19
SM-D-2018476	80063	64	31	SM-D-2018745	80063	78	21
SM-D-2018481	80063	64	52	SM-D-2018748	81349	78	23
SM-D-2018483	80063	64	12	SM-D-2018751	80063	78	24
SM-D-2018487	80063	64	26	SM-D-2018754	80063	78	27
SM-D-2018491	80063	64	35	SM-D-2018757	80063	78	48
SM-D-2018509	80063	62	45	SM-D-2018760	80063	78	46
SM-D-2018512	80063	62	81	SM-D-2018763	80063	78	44
SM-D-2018523	80063	62	80	SM-D-2018766	80063	78	42
SM-D-2018547	80063	26	24	SM-D-2018769	80063	78	40
SM-D-2018550	80063	26	6	SM-D-2018772	80063	78	38
SM-D-2018553	80063	26	2	SM-D-2018775	80063	78	36
SM-D-2018556	80063	26	15	SM-D-2018778	80063	78	34
SM-D-2018559	80063	26	17	SM-D-2018781	80063	78	32
SM-D-2018562	80063	26	11	SM-D-2018784	80063	78	30
SM-D-2018568	80063	26	13	SM-D-2018787	80063	78	28
SM-D-2018571	80063	26	7	SM-D-2018801	80063	2	50
SM-D-2018574	80063	26	9	SM-D-2018802-1	80063	2	48
SM-D-2018577	80063	26	21	SM-D-2018804	80063	2	53
SM-D-2018580	80063	26	4	SM-D-2018805	80063	2	46
SM-D-2018583	80063	26	19	SM-D-2018807	80063	2	36
SM-D-2018595	80063	65	22	SM-D-2018808	80063	2	34
SM-D-2018598	80063	65	6	SM-D-2018809	80063	2	49
SM-D-2018600	80063	65	10	SM-D-2018814	80063	2	73
SM-D-2018603	80063	65	18	SM-D-2018815	80063	2	64
SM-D-2018619	80063	65	2	SM-D-2018816	80063	2	65
SM-D-2018620	80063	76	6	SM-D-2018818	80063	2	70
SM-D-2018621	80063	76	9	SM-D-2018819	80063	2	67
SM-D-2018621	80063	104	24	SM-D-2018819	80063	61	1
SM-D-2018622	80063	76	5	SM-D-2018822	80063	2	54
SM-D-2018641	80063	72	17	SM-D-2018824	80063	20	1
SM-D-2018648	80063	74	5	SM-D-2018825	80063	20	18
SM-D-2018649	80063	74	3	SM-D-2018828	80063	20	31
SM-D-2018650	80063	74	7	SM-D-2018832	80063	20	15
SM-D-2018651	80063	74	1	SM-D-2018840	80063	2	80
SM-D-2018652	80063	74	2	SM-D-2018842	80063	2	10
SM-D-2018656	80063	74	4	SM-D-2018847	80063	2	4
SM-D-2018657	80063	65	1	SM-D-2018866	80063	3	3
SM-D-2018662	80063	65	3	SM-D-2018868	80063	21	18
SM-D-2018669	80063	65	19	SM-D-2018870	80063	21	36

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
SM-D-2018871	80063	21	40	SM-D-2019213-10	80063	119	6
SM-D-2018872-1	80063	21	3	SM-D-2019213-9	80063	121	6
SM-D-2018883	80063	19	35	SM-D-2019213-9	80063	125	6
SM-D-2018885	80063	19	16	SM-D-2019214-5	80063	130	2
SM-D-2018892	80063	19	44	SM-D-2019214-6	80063	119	39
SM-D-2018893	80063	19	43	SM-D-2019215-1	80063	65	40
SM-D-2018893-1	80063	19	42	SM-D-2019232-1	80063	64	1
SM-D-2018930	80063	2	52	SM-D-2019252-1	80063	102	2
SM-D-2018932	80063	19	6	SM-D-2019272	80063	125	1
SM-D-2018941	80063	2	18	SM-D-2019285	80063	103	6
SM-D-2018949	80063	22	16	SM-D-2019287	80063	113	34
SM-D-2018951	80063	2	7	SM-D-2019288	80063	47	2
SM-D-2018953	80063	2	16	SM-D-2019292	80063	119	19
SM-D-2018958	80063	2	38	SM-D-2019301	80063	150	10
SM-D-2018979	80063	3	11	SM-D-2019313	80063	42	9
SM-D-2018982	80063	16	1	SM-D-2019348-3	80063	20	34
SM-D-2018985	80063	16	2	SM-D-2019348-3	80063	57	27
SM-D-2018988	80063	3	10	SM-D-2019348-4	80063	20	32
SM-D-2018991	80063	3	12	SM-D-2019405-10	80063	104	33
SM-D-2018994	80063	3	13	SM-D-2019405-9	80063	119	12
SM-D-2018997	80063	3	8	SM-D-2019407-1	80063	64	22
SM-D-2019016	80063	119	14	SM-D-2019410-5	80063	22	15
SM-D-2019027	80063	121	1	SM-D-2019410-5	80063	65	25
SM-D-2019028	80063	119	9	SM-D-2019410-8	80063	40	14
SM-D-2019041	80063	119	29	SM-D-2019410-8	80063	140	45
SM-D-2019042	80063	119	28	SM-D-2019410-9	80063	40	26
SM-D-2019042-1	80063	119	22	SM-D-2019410-9	80063	65	26
SM-D-2019043	80063	119	2	SM-D-2019410-9	80063	140	46
SM-D-2019044	80063	119	17	SM-D-2019420-1	80063	123	5
SM-D-2019048	80063	119	24	SM-D-2019420-2	80063	119	36
SM-D-2019067	96214	119	20	SM-D-2019424-5	80061	125	5
SM-D-2019070	80063	119	1	SM-D-2019425-3	80063	2	42
SM-D-2019071	80063	119	8	SM-D-2019426-1	80063	156	2
SM-D-2019074	80063	119	3	SM-D-2019429-2	80063	126	9
SM-D-2019075	80063	119	5	SM-D-2019430-1	81349	122	7
SM-D-2019076	80063	104	22	SM-D-2019445-1	80063	64	40
SM-D-2019081	80063	130	1	SM-D-2019448-1	80063	4	26
SM-D-2019085	80063	104	20	SM-D-2019449-1	80063	22	9
SM-D-2019091	80063	127	5	SM-D-2019464-1	80063	62	23
SM-D-2019093	80063	127	6	SM-D-2019469-1	80063	62	50
SM-D-2019132	80063	117	1	SM-D-2019469-2	80063	62	77
SM-D-2019132-1	80063	117	2	SM-D-2019469-3	80063	64	43
SM-D-2019135	80063	104	18	SM-D-2019473-6	80063	27	6
SM-D-2019155	80063	104	1	SM-D-2019493-1	80063	155	22
SM-D-2019170	80063	104	7	SM-D-2019498-1	80063	137	16
SM-D-2019173	96214	104	8	SM-D-2019501-1	80063	15	7
SM-D-2019177	80063	104	9	SM-D-2019501-1	80063	46	8
SM-D-2019180	80063	104	10	SM-D-2019501-1	80063	118	15
SM-D-2019183	80063	104	11	SM-D-2019501-1	80063	161	5
SM-D-2019186	96214	104	12	SM-D-2019502-1	80063	62	70
SM-D-2019189	80063	104	13	SM-D-2019522-5	80063	22	10
SM-D-2019192	80063	104	15	SM-D-2019531-1	80063	2	61
SM-D-2019195	80063	104	14	SM-D-2019536	80063	137	29
SM-D-2019198	80063	104	17	SM-D-20195041	80063	40	32
SM-D-2019201	96214	104	16	SM-D-2019542	80063	40	30
SM-D-2019203-1	80063	133	3	SM-D-2019543	80063	40	28
SM-D-2019203-1	80063	137	27	SM-D-2019546	80063	40	50
SM-D-2019203-1	96906	157	12	SM-D-2019547	80063	140	30

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
SM-D-2019554-1	80063	7 4	8	SM-E-2019014	80063	10	21
SM-D-2019593-1	80063	161	4	SM-E-2019097	80063	104	6
SM-D-2019595-7	80063	140	53	SM-E-2019103	80063	104	23
SM-D-2019622	80063	2	90	SM-E-2019234	80063	160	9
SM-D-2019628	80063	133	19	SM-E-2019237	80063	3	2
SM-D-2019651	80063	3	20	SM-E-2019256	80063	119	23
SM-D-2019652	80063	49	3	SM-E-2019290-2	80063	119	16
SM-D-2019653	80063	75	2	SM-E-2019620	80063	26	23
SM-D-2019669	80063	119	35	SM-E-2019666	80063	78	55
SM-D-2019693-1	80063	123	4	SM-E-2019670	80063	42	2
SM-D-2019695-2	80063	19	30	SM-E-2019675	00063	40	63
SM-D-2019705	80063	75	13	SM-E-2019676	80063	2	24
SM-D-2019707	80063	61	2	SM-E-2019707	80063	16	16
SM-D-2019712-1	80063	75	9	SM-E-2019709	80063	62	100
SM-D-2019819	80063	117	3	SM-E-2019710	96214	104	50
SM-D-2019820-1	80063	19	40	S01	16152	167	
SM-D-2019820-2	80063	19	41	TX2N3821	81349	88	23
SM-D-2019836	80063	20	3	UG657U	81349	121	4
SM-D-2019846-1	80063	75	8	UG657U	81349	127	3
SM-D-2019848-1	80063	75	6	UPCCSGM17AACF	81349	159	5
SM-E-2017797	80063	39	1	U204736-69-8-3	82686	62	94
SM-E-2017805	80063	40	2	U213544	82686	57	15
SM-E-2017877	80063	40	13	U213578	82686	57	17
SM-E-2017878	80063	49	16	U214311	82686	62	93
SM-E-2017932	80063	40	37	0A-8511/AAS-24	80058	1	3
SM-E-2017969	80063	40	46	OK-138/AAS-24	80058	1	9
SM-E-2017972	80063	40	1	OK-150/AAS-24	80058	132	6
SM-E-2017988	80063	40	10	1N1614	81349	15	3
SM-E-2017991	80063	59	2	1N1614	81349	46	11
SM-E-2018013	80063	40	41	1N1614	81349	72	18
SM-E-2018021	80063	40	36	1N277	81349	27	11
SM-E-2018022	80063	57	1	1N277	81349	129	7
SM-E-2018041	80063	132	5	1N2975B	81349	116	1
SM-E-2018042	80058	132	10	1N3009B	81349	102	6
SM-E-2018043	80063	140	27	1N3022B	81349	92	7
SM-E-2018114	80063	140	58	1N3022B	81349	93	8
SM-E-2018151	80063	132	3	1N3022B	81349	105	55
SM-E-2018152	80063	137	1	1N3022B	81349	106	9
SM-E-2018190	80063	135	11	1N3022B	81349	147	13
SM-E-2018215	80063	133	1	1N3028B	81349	63	3
SM-E-2018231	80063	160	12	1N3031B	81349	71	9
SM-E-2018248	80063	160	10	1N3031B	81349	79	9
SM-E-2018264	80063	160	6	1N3031B	81349	80	9
SM-E-2018268	80063	160	2	1N3042B	81349	80	6
SM-E-2018360	80063	39	2	1N3043B	81349	80	7
SM-E-2018361	80063	62	51	1N3047B	81349	79	6
SM-E-2018466	80063	62	19	1N3048B	81349	79	7
SM-E-2018467	80063	64	45	1N3600	81349	77	37
SM-E-2018500	80063	65	27	1N3611	81349	70	5
SM-E-2018594	80063	65	14	1N3611	81349	83	8
SM-E-2018628	80063	65	12	1N3611	81349	84	4
SM-E-2018642	80063	65	13	1N3611	81349	146	5
SM-E-2018716	80063	78	1	1N3611	81349	153	7
SM-E-2018800	80063	2	35	1N3612	81349	71	5
SM-E-2018821	80063	2	60	1N3612	81349	149	4
SM-E-2018823	80063	2	55	1N3613	81349	80	11
SM-E-2018852	80063	2	1	1N3613	81349	153	12
SM-E-2018867	80063	2	25	1N3888	81349	149	27
SM-E-2018912	80063	2	2	1N4305	01295	106	7

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
1N5550	81349	68	6	1N750A	81349	53	7
1N5550	12969	69	5	1N751A	81349	4	6
1N5550	12969	71	12	1N751A	81349	7	8
1N5550	12969	81	6	1N751A	81349	8	10
1N5550	12969	82	6	1N751A	81349	11	11
1N5550	12969	142	5	1N751A	81349	30	5
1N645	81349	13	11	1N751A	81349	31	3
1N645	81349	14	9	1N751A	81349	43	10
1N645	81349	22	3	1N751A	81349	45	7
1N645	81349	35	9	1N751A	81349	54	11
1N645	81349	37	2	1N751A	81349	55	10
1N645	81349	50	5	1N751A	81349	63	2
1N645	81349	54	10	1N751A	81349	85	7
1N645	81349	63	4	1N751A	81349	87	10
1N645	81349	68	8	1N751A	81349	88	9
1N645	81349	69	7	1N751A	81349	90	12
1N645	81349	70	7	1N751A	81349	148	16
1N645	81349	71	8	1N751A	81349	158	5
1N645	81349	94	8	1N751A	81349	159	4
1N645	81349	97	10	1N752A	81349	10	5
1N645	81349	114	16	1N752A	81349	23	7
1N645	81349	118	8	1N752A	81349	?9	7
1N645	81349	120	1	1N752A	81349	32	7
1N645	81349	124	1	1N752A	81349	35	7
1N645	81349	129	10	1N752A	81349	37	3
1N645	81349	138	1	1N752A	81349	66	6
1N645	81349	141	14	1N752A	81349	67	3
1N645	81349	148	14	1N752A	81349	84	7
1N645	81349	153	9	1N752A	81349	87	9
1N645	81349	155	15	1N752A	81349	88	10
1N645	81349	158	6	1N752A	81349	90	13
1N645	81349	159	2	1N752A	81349	159	3
1N647	81349	38	3	1N753A	81349	34	6
1N647	81349	40	62	1N753A	81349	36	5
1N647	81349	75	16	1N753A	81349	52	8
1N647	81349	77	32	1N753A	81349	54	14
1N647	81349	79	11	1N753A	81349	67	5
1N647	81349	103	9	1N753A	81349	86	15
1N649	81349	48	5	1N753A	81349	87	14
1N649	81349	108	9	1N753A	81349	88	11
1N649	81349	134	1	1N753A	81349	92	8
1N746A	81349	5	11	1N753A	81349	93	9
1N746A	81349	6	10	1N753A	81349	94	10
1N746A	81349	27	12	1N753A	81349	95	5
1N746A	81349	33	4	1N753A	81349	96	6
1N746A	81349	48	3	1N753A	81349	99	11
1N746A	81349	68	7	1N753A	81349	101	4
1N746A	81349	69	6	1N753A	81349	105	13
1N746A	81349	70	6	1N753A	81349	106	10
1N746A	81349	71	10	1N753A	81349	114	15
1N746A	81349	86	14	1N753A	81349	115	15
1N746A	81349	114	17	1N753A	81349	129	9
1N746A	81349	153	10	1N753A	81349	143	14
1N746A	81349	155	16	1N753A	81349	147	12
1N747A	81349	95	4	1N754A	81349	23	9
1N749A	81349	11	9	1N754A	81349	85	6
1N749A	81349	28	10	1N754A	81349	94	9
1N749A	81349	71	6				

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
1N754A	81349	122	5	1N827	81349	87	12
1N754A	81349	153	11	1N827	81349	89	7
1N755A	81349	51	7	1N827	81349	98	12
1N755A	81349	93	11	1N827	81349	99	14
1N755A	81349	105	15	1N827	81349	136	5
1N756A	81349	48	6	1N827	81349	144	12
1N756A	81349	128	6	1N829	81349	147	14
1N757A	81349	54	12	1N914	81349	4	5
1N758A	81349	23	8	1N914	81349	5	10
1N758A	81349	68	9	1N914	81349	6	9
1N758A	81349	80	5	1N914	81349	7	9
1N758A	81349	85	8	1N914	81349	8	9
1N758A	81349	122	6	1N914	81349	11	10
1N758A	81349	128	5	1N914	81349	12	6
1N758A	81349	146	8	1N914	81349	13	10
1N759A	81349	86	12	1N914	81349	14	8
1N759A	81349	88	12	1N914	81349	17	4
1N759A	81349	89	8	1N914	81349	18	8
1N759A	81349	90	11	1N914	81349	27	10
1N759A	81349	94	11	1N914	81349	28	9
1N759A	81349	95	6	1N914	81349	29	8
1N759A	81349	96	5	1N914	81349	30	4
1N759A	81349	98	13	1N914	81349	32	8
1N759A	81349	99	12	1N914	81349	33	5
1N759A	81349	101	5	1N914	81349	34	7
1N759A	81349	114	13	1N914	81349	35	8
1N759A	81349	115	14	1N914	81349	36	7
1N759A	81349	122	4	1N914	81349	43	9
1N759A	81349	129	8	1N914	81349	45	6
1N759A	81349	143	13	1N914	81349	48	7
1N759A	81349	144	13	1N914	81349	50	4
1N759A	81349	145	6	1N914	81349	51	6
1N816	81349	81	7	1N914	81349	52	6
1N816	81349	82	7	1N914	81349	53	6
1N816	81349	83	9	1N914	81349	54	9
1N816	81349	84	5	1N914	81349	55	9
1N816	81349	85	9	1N914	81349	56	9
1N816	81349	87	13	1N914	81349	66	5
1N816	81349	118	7	1N914	81349	71	7
1N816	81349	142	6	1N914	81349	79	8
1N816	81349	145	7	1N914	81349	80	8
1N816	81349	146	6	1N914	81349	81	8
1N816	81349	148	13	1N914	81349	82	8
1N816	81349	151	6	1N914	81349	83	10
1N816	81349	153	8	1N914	81349	84	6
1N816	81349	154	5	1N914	81349	85	10
1N823	81349	36	6	1N914	81349	86	13
1N823	81349	52	7	1N914	81349	87	11
1N825	81349	68	10	1N914	81349	88	8
1N825	81349	81	9	1N914	81349	89	9
1N825	81349	82	9	1N914	81349	90	14
1N825	81349	83	11	1N914	81349	91	2
1N825	81349	87	15	1N914	81349	92	9
1N825	81349	148	15	1N914	81349	93	10
1N827	81349	48	4	1N914	81349	97	9
1N827	81349	54	13	1N914	81349	98	11
1N827	81349	67	4	1N914	81349	99	13
1N827	81349	85	5	1N914	81349	100	10

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
1N914	81349	105	14	2N2151	81349	118	14
1N914	81349	106	8	2N2151	81349	149	19
1N914	81349	107	5	2N2219A	81349	48	11
1N914	81349	108	10	2N2219A	81349	63	7
1N914	81349	109	8	2N2219A	81349	80	13
1N914	81349	110	10	2N2219A	81349	92	17
1N914	81349	111	8	2N2219A	81349	93	20
1N914	81349	112	8	2N2219A	81349	105	26
1N914	81349	114	14	2N2219A	81349	109	17
1N914	81349	115	13	2N2219A	81349	110	39
1N914	81349	136	6	2N2219A	81349	111	17
1N914	81349	141	13	2N2219A	81349	114	21
1N914	81349	143	12	2N2219A	81349	115	21
1N914	81349	144	11	2N2219A	81349	118	13
1N914	81349	145	5	2N2219A	81349	126	10
1N914	81349	146	7	2N2219A	81349	143	24
1N914	81349	147	15	2N2219A	81349	145	14
1N914	81349	148	12	2N2219A	81349	151	14
1N914	81349	155	14	2N2219A	81349	153	19
1N938B	81349	69	9	2N2219A	81349	154	13
1N938B	81349	70	9	2N2222A	81349	4	13
1N938B	81349	118	10	2N2222A	81349	5	17
1N938B	81349	146	9	2N2222A	81349	7	17
1N939B	81349	23	6	2N2222A	81349	8	20
1N943B	81349	80	10	2N2222A	81349	10	12
1N944B	81349	71	11	2N2222A	81349	12	15
1N944B	81349	79	10	2N2222A	81349	13	21
1N945B	81349	56	10	2N2222A	81349	14	15
1N963B	81349	67	6	2N2222A	81349	17	10
1N965B	81349	142	7	2N2222A	81349	18	16
1N968B	81349	18	9	2N2222A	81349	23	11
1N968B	81349	69	8	2N2222A	81349	27	23
1N968B	81349	70	8	2N2222A	81349	28	23
1N969B	81349	118	9	2N2222A	81349	29	11
114-576	82686	57	16	2N2222A	81349	30	18
1288-234-03	81860	163	4	2N2222A	81349	31	13
1288-234-03	81860	164	1	2N2222A	81349	32	17
2-10E515-8	83259	19	64	2N2222A	81349	33	19
2-10E515-8	83259	77	13	2N2222A	81349	34	12
2-11E515-8	83259	19	68	2N2222A	81349	35	17
2-11N304-7	83259	19	85	2N2222A	81349	36	20
2-12E515-8	83259	19	47	2N2222A	81349	37	5
2-123E515-8	83259	19	78	2N2222A	81349	38	7
2-133E515-8	83259	19	72	2N2222A	81349	43	18
2-19E515-8	83259	19	52	2N2222A	81349	45	15
2-33E515-8	83259	19	77	2N2222A	81349	48	12
2N1724	81349	72	1	2N2222A	81349	50	13
2N1724	81349	102	7	2N2222A	81349	51	13
2N1772A	81349	72	9	2N2222A	81349	54	23
2N1893	81349	146	18	2N2222A	81349	55	19
2N2151	81349	15	5	2N2222A	81349	56	24
2N2151	81349	46	16	2N2222A	81349	63	6
2N2151	81349	47	6	2N2222A	81349	66	9
2N2151	81349	60	1	2N2222P	81349	67	10
2N2151	81349	72	6	2N2222A	81349	79	15
2N2151	81349	83	19	2N2222A	81349	80	16
2N2151	81349	102	4	2N2222A	81349	81	16
2N2151	81349	116	3	2N2222A	81349	82	16

SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
2N2222A	81349	83	18	2N2905	81349	109	18
2N2222A	81349	84	13	2N2905	81349	110	40
2N2222A	81349	85	20	2N2005	81349	111	18
2N2222A	81349	86	24	2N2905	81349	145	15
2N2222A	81349	87	23	2N2905	81349	153	18
2N2222A	81349	88	20	2N2905A	81349	55	20
2N2222A	81349	89	16	2N2907	81349	14	16
2N2222A	81349	90	21	2N2907	81349	18	17
2N2222A	81349	91	7	2N2907	81349	32	18
2N2222A	81349	93	18	2N2907	81349	66	10
2N2222A	81349	94	19	2N2907	81349	68	17
2N2222A	81349	95	12	2N2907	81349	69	19
2N2222A	81349	97	16	2N2907	81349	70	19
2N2222A	81349	98	21	2N2907	81349	81	15
2N2222A	81349	99	20	2N2907	81349	82	15
2N2222A	81349	100	18	2N2907	81349	84	12
2N2222A	81349	101	7	2N2907	81349	87	24
2N2222A	81349	105	24	2N2907	81349	90	23
2N2222A	81349	107	11	2N2907	81349	94	18
2N2222A	81349	108	15	2N2907	81349	95	11
2N2222A	81349	109	16	2N2907	81349	98	23
2N2222A	81349	110	38	2N2907	81349	144	22
2N2222A	81349	111	16	2N2907	81349	146	17
2N2222A	81349	112	15	2N2907A	81349	5	19
2N2222A	81349	113	17	2N2907A	81349	6	17
2N2222A	81349	115	19	2N2907A	81349	12	12
2N2222A	81349	129	13	2N2907A	81349	13	22
2N2222A	81349	141	23	2N2907A	81349	27	22
2N2222A	81349	144	20	2N2907A	81349	28	21
2N2222A	81349	145	13	2N2907A	81349	29	12
2N2222A	81349	146	19	2N2907A	81349	33	18
2N2222A	81349	148	25	2N2907A	81349	34	13
2N2222A	81349	151	16	2N2907A	81349	35	19
2N2222A	81349	153	16	2N2907A	81349	37	6
2N2222A	81349	154	11	2N2907A	81349	48	10
2N2222A	81349	155	19	2N2907A	81349	50	14
2N2222A	81349	158	12	2N2907A	81349	51	12
2N2222A	81349	159	6	2N2907A	81349	53	13
2N2323	81349	158	13	2N2907A	81349	54	24
2N2324	81349	48	14	2N2907A	81349	71	20
2N2432	81349	7	18	2N2907A	81349	73	1
2N2432	81349	12	13	2N2907A	81349	83	17
2N2432	81349	45	16	2N2907A	81349	86	26
2N2432	81349	88	21	2N2907A	81349	88	24
2N2432	81349	89	19	2N2907A	81349	89	17
2N2432	81349	90	24	2N2907A	81349	97	18
2N2432	81349	92	15	2N2907A	81349	99	19
2N2432	81349	94	16	2N2907A	81349	112	18
2N2432	81349	95	13	2N2907A	81349	118	12
2N2432	81349	99	21	2N2907A	81349	129	14
2N2432A	81349	28	18	2N2907A	81349	141	25
2N2605	81349	27	20	2N2907A	81349	142	13
2N2642	01295	27	21	2N2907A	81349	148	26
2N2642	81349	33	17	2N2907A	81349	153	17
2N2642	81349	50	15	2N2907A	81349	155	21
2N2642	81349	51	15	2N2944A	81349	89	18
2N2857	81349	122	8	2N2946A	81349	5	20
2N2857	81349	128	7	2N2946A	81349	6	18



SECTION IV FEDERAL STOCK NUMBER AND PART NUMBER INDEX (CONTINUED)

PART NUMBER	FSCM	FIG. NO	ITEM NO	PART NUMBER	FSCM	FIG. NO	ITEM NO.
2N3251A	81349	122	10	3-4E515-8	83259	19	48
2N3251A	81349	128	8	3-90N5304-7	83259	19	81
2N3439	81349	79	13	3-904E515-8	83259	19	74
2N3439	81349	80	15	37TB10	81349	40	9
2N3439	81349	106	18	37TB10	81349	78	53
2N3439	81349	107	12	37TB12	81349	49	2
2N3439	81349	108	14	37TB14	81349	42	10
2N3439	81349	114	22	37TB16	81349	65	5
2N3439	81349	115	20	37TB2	81349	140	10
2N3439	81349	151	13	27TB3	81349	3	22
2N3439	81349	154	12	37TB4	81349	62	37
2N3439	81349	155	20	37TB5	81349	157	5
2N3439	81349	156	5	37TB6	81349	62	56
2N3440	81349	10	14	37TB6	81349	104	48
2N3467	81349	50	16	37TB7	81349	78	54
2N3501	81349	143	23	37TB7	81349	150	29
2N3506	81349	73	2	37TB9	81349	75	10
2N3506	81349	83	20	38TB14	81349	140	41
2N3635	81349	10	13	5000-56W	79136	19	87
2N3767	04713	112	16	5400-S5-4	00624	77	45
2N3823	81349	27	19	5400-S5-8	00624	77	42
2N3846	01295	72	4	5400-524	00624	77	44
2N3902	81349	113	18	5555-12	79136	19	60
2N4856	01295	28	22	57-96-94	31949	19	57
2N491A	81349	48	13	57-96-97	31949	19	56
2N491A	81349	66	8	593063-1	96214	77	10
2N491A	81349	97	17	593063-2	96214	77	6
2N491A	81349	158	14	7717-1814	81349	112	17
2N4948	81349	90	22	95C8CV	31949	19	37
2N657	81349	14	17				
2N657	81349	142	14				
2N657	81349	148	27				
2N708	81349	147	24				
2N918	81349	122	9				
22N918	81349	128	9	STOCK NUMBER		FIG. NO.	ITEM NO.
2N918	81349	151	12				
2N930	81349	5	18				
2N930	81349	6	16	5961-00-999-7351		15	6
2N930	81349	18	15	5961-00-999-7351		46	13
2N930	81349	28	19				
2N930	81349	37	7				
2N930	81349	55	21				
2N930	81349	85	19				
2N930	81349	86	25				
2N930	81349	87	25	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
2N1930	81349	88	22				
2N930	81349	88	22				
2N930	81349	91	6				
2N930	81349	92	16	164-10	05277	15	6
2N930	81349	93	19	164-10	05277	46	13
2N930	81349	98	22				
2N930	81349	105	25				
2N930	81349	110	41				
2N930	81349	141	24				
2N930	81349	144	21				
2N930	81349	148	24				
2N930	81349	151	15				
2N930	81349	154	14				
2N930	81349	155	23				

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

LATEST PART NUMBER ASSIGNMENTS

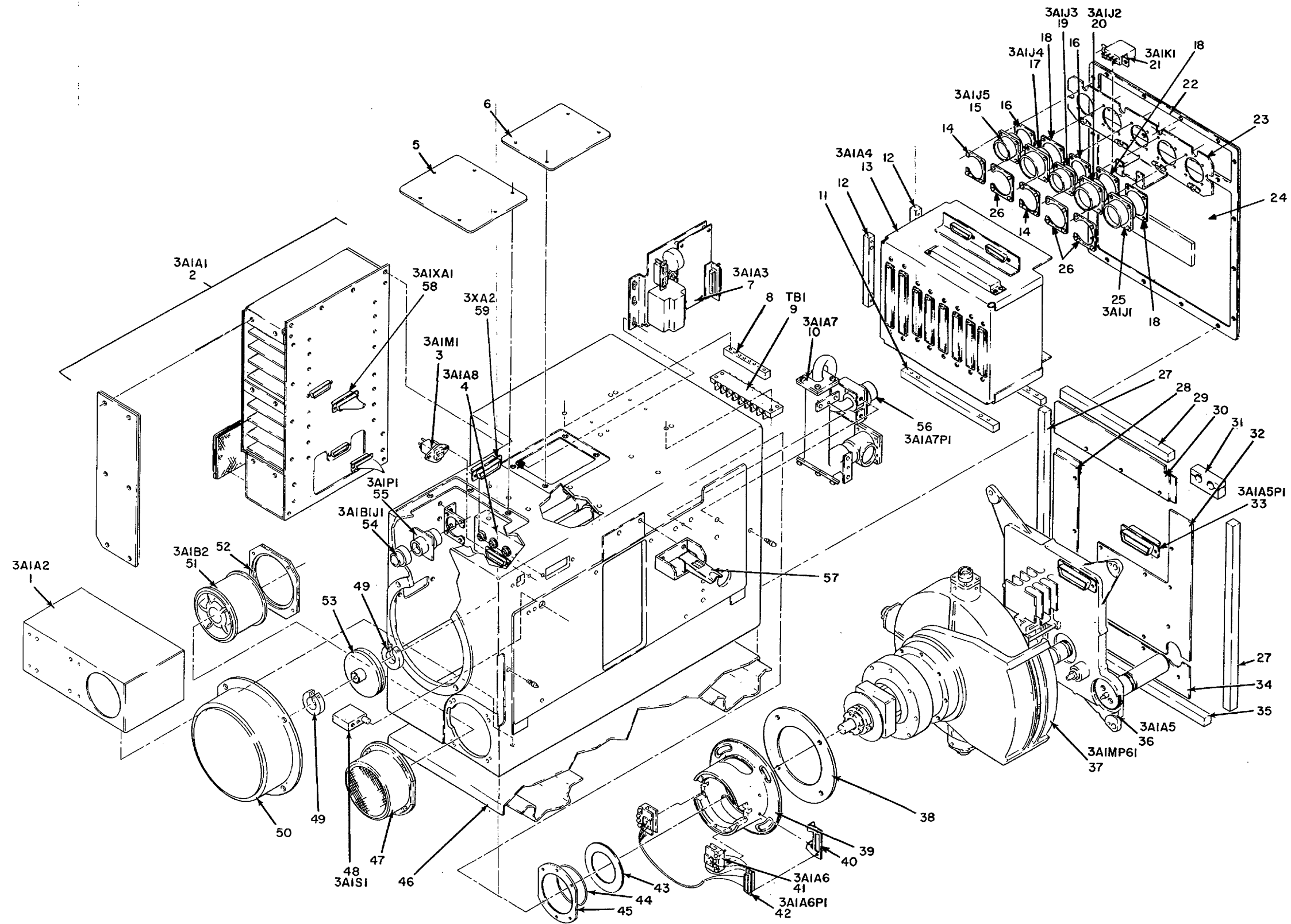
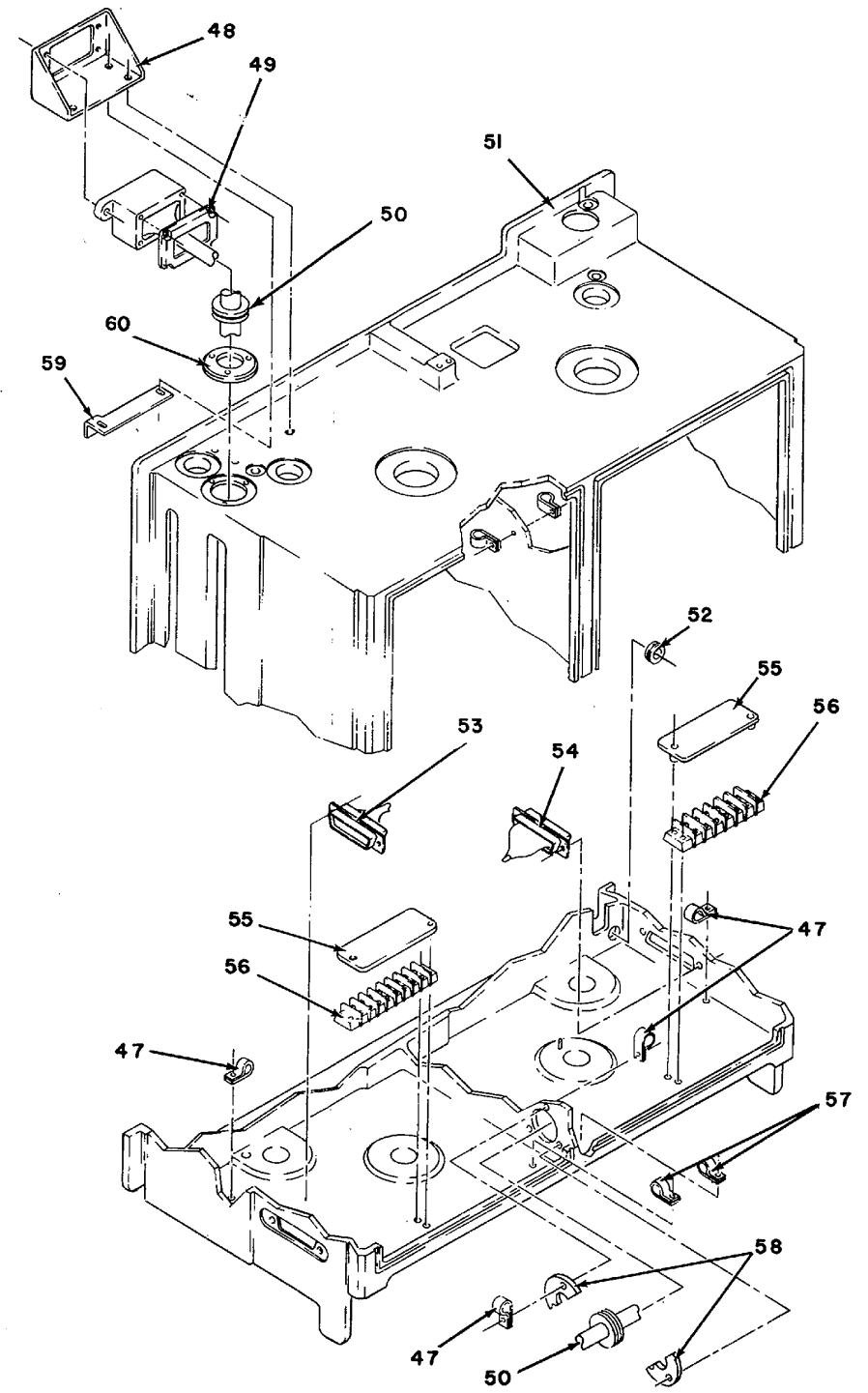
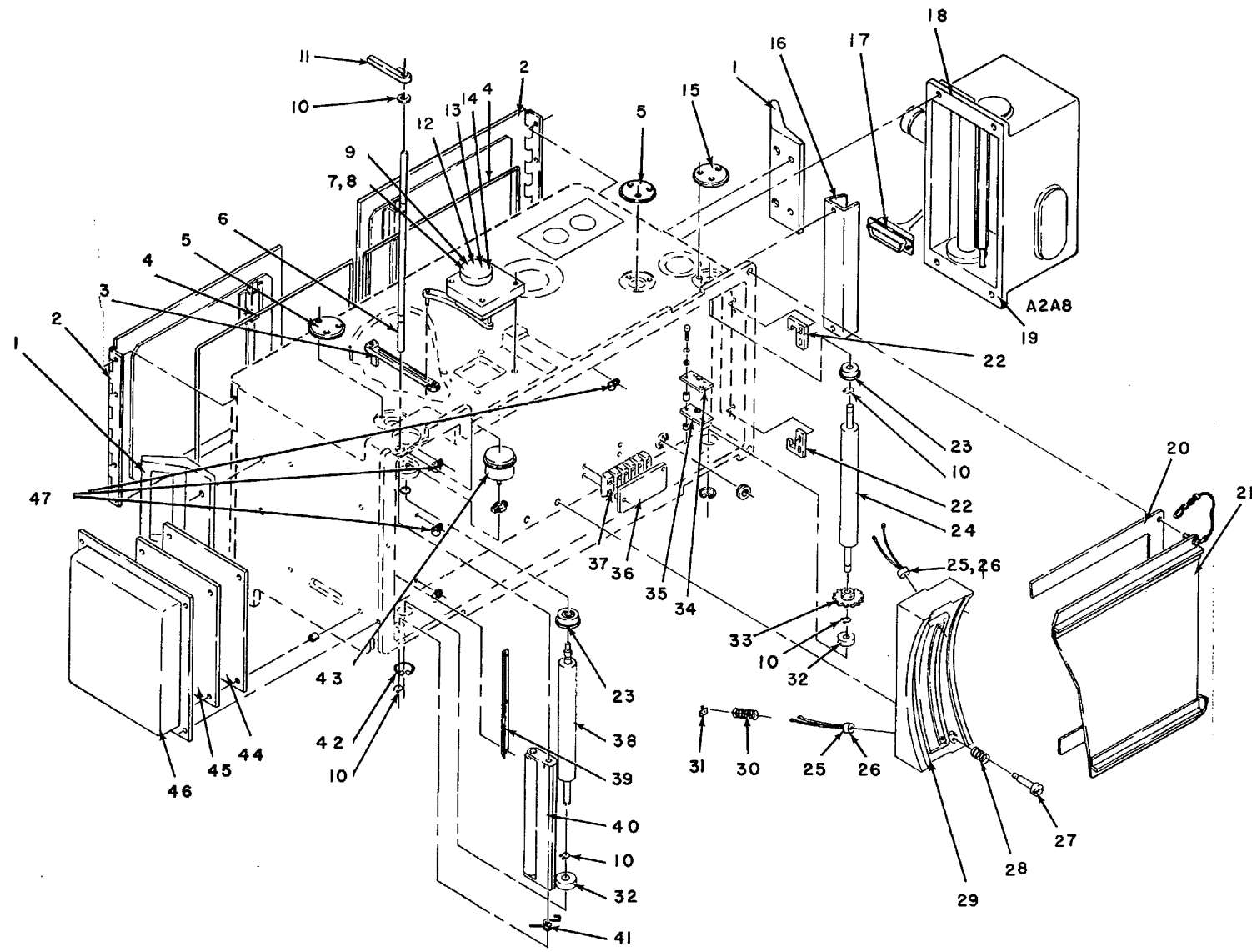
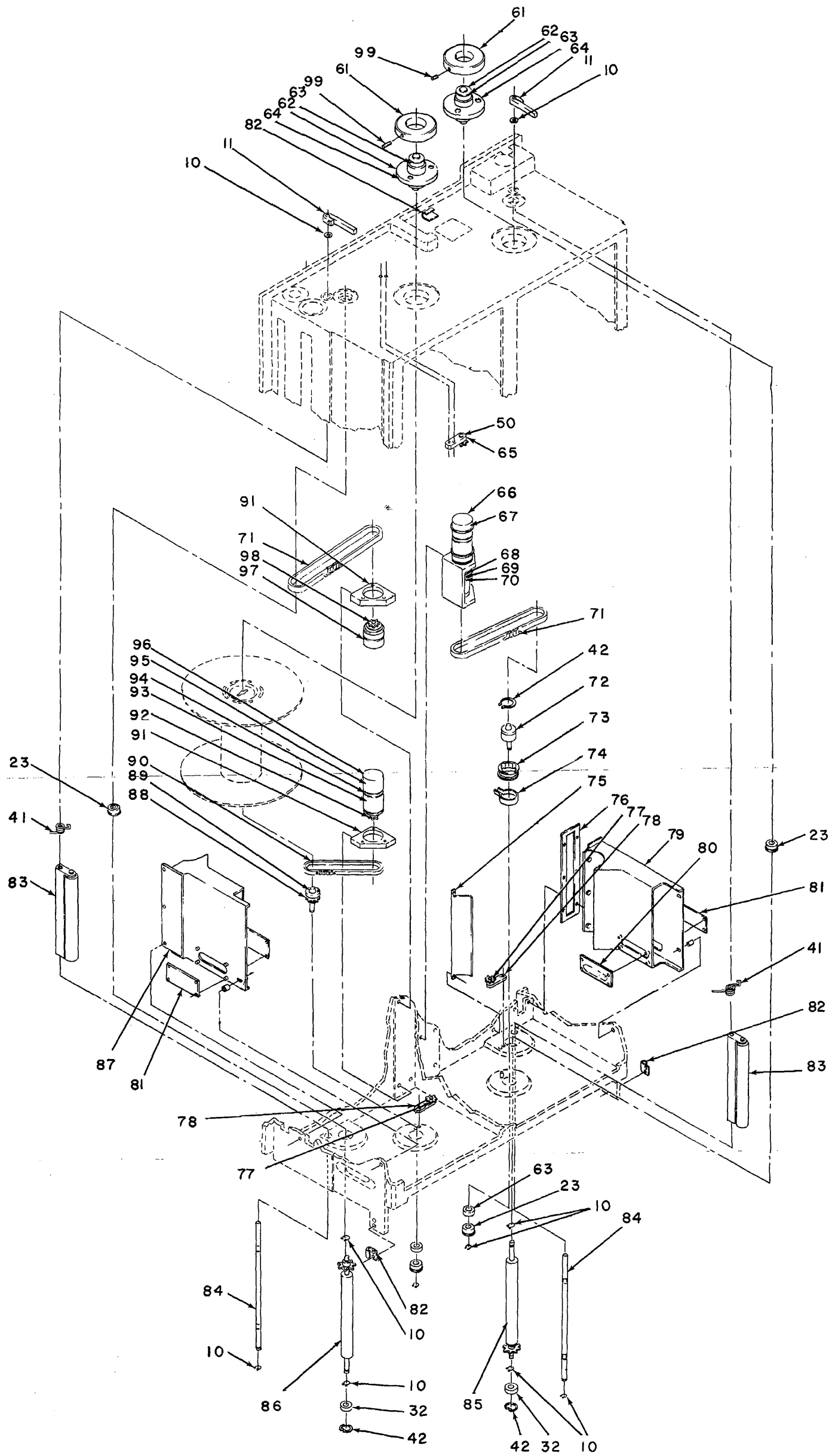


Figure 40 (1). Recorder subassembly MX-8356/AAS-24 (sheet 1 of 2).



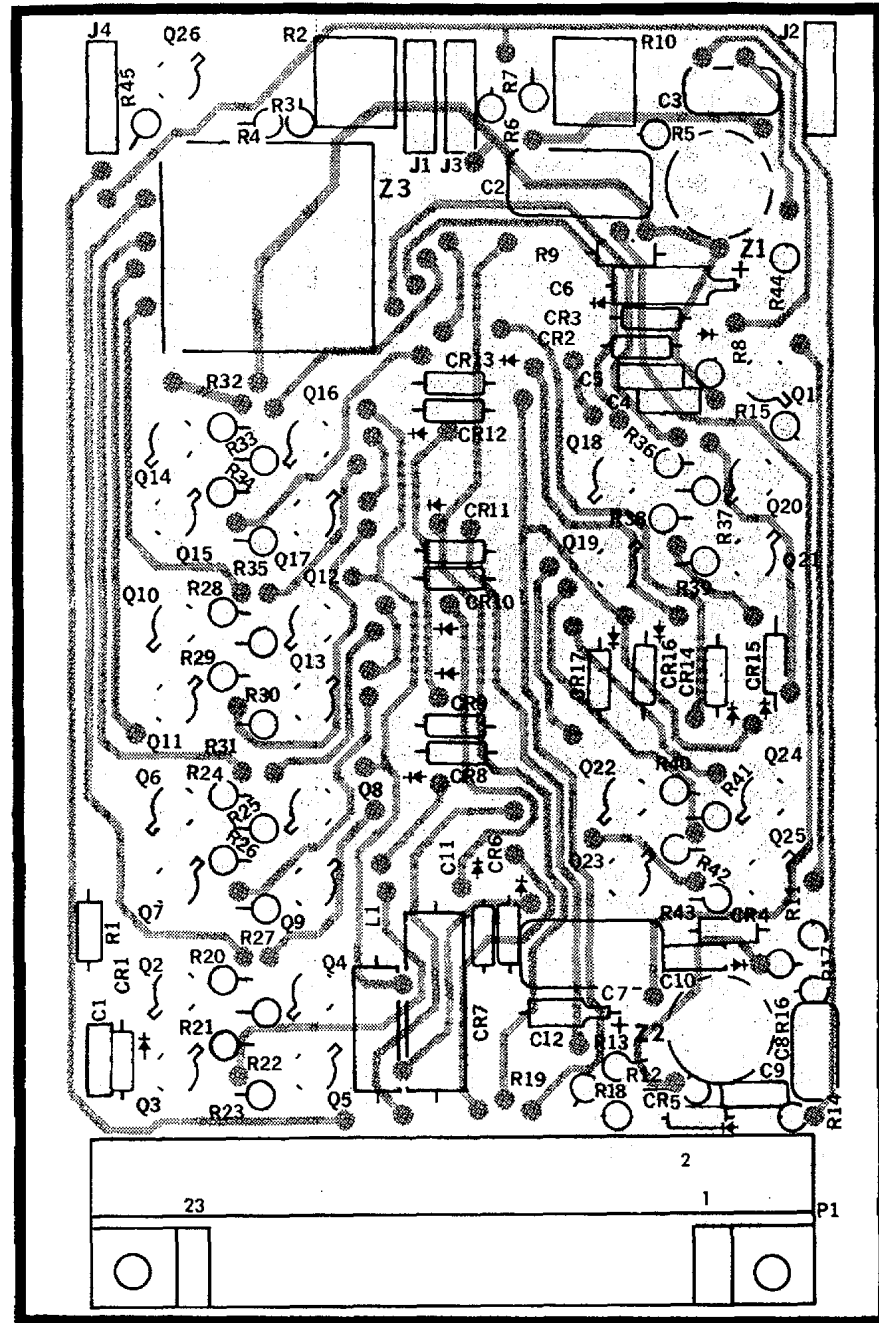
EL5850-241-34P-TM62(1)

Figure 62 (1). Magazine, film MA-26/AAS-24 (sheet 1 of 3).

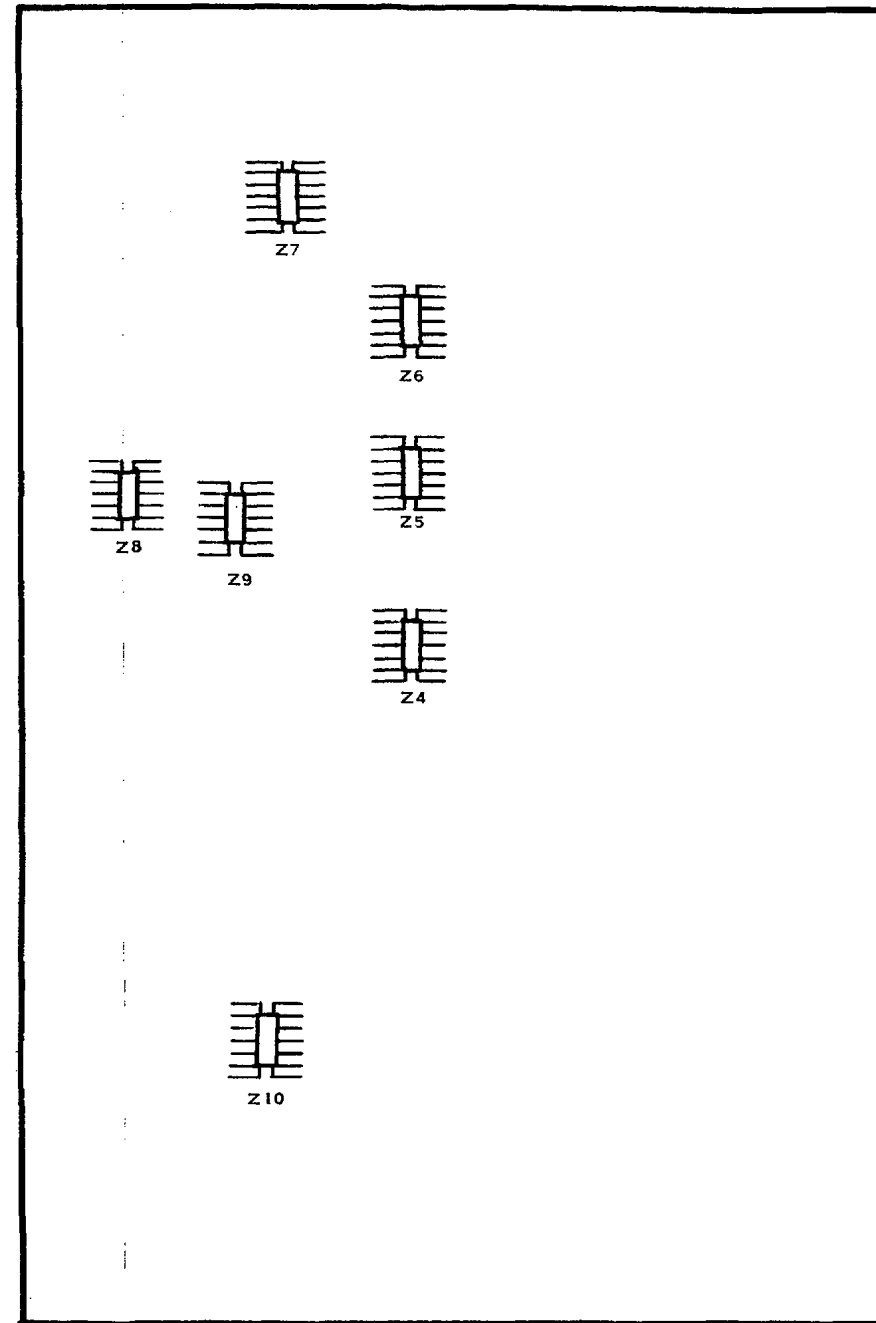


EL5850-241-34P-TM-62(2)

Figure 62 (2). Magazine, film MA-26/AAS-24 (sheet 2 of 3).



A. FRONT



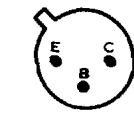
B. REAR

DESIG ITEM DESIG ITEM DESIG ITEM DESIG ITEM

C1	1	J1	10	Q24	18	R27	33
C2	2	J2	11	Q25	19	R28	33
C3	3	J3	12	Q26	19	R29	33
C4	1	J4	13	R1	20	R30	33
C5	1	L1	14	R2	21	R31	33
C6	4	P1	15	R3	22	R32	33
C7	2	Q1	16	R4	23	R33	33
C8	3	Q2	17	R5	24	R34	33
C9	1	Q3	16	R6	25	R35	33
C10	1	Q4	17	R7	25	R36	33
C11	5	Q5	16	R8	26	R37	33
C12	6	Q6	17	R9	27	R38	33
CR1	7	Q7	16	R10	28	R39	33
CR2	8	Q8	17	R11	29	R40	33
CR3	8	Q9	16	R12	23	R41	33
CR4	8	Q10	17	R13	24	R42	33
CR5	8	Q11	16	R14	30	R43	33
CR6	9	Q12	17	R15	31	R44	25
CR7	9	Q13	16	R16	27	R45	34
CR8	9	Q14	17	R17	23	Z1	35
CR9	9	Q15	16	R18	32	Z2	35
CR10	9	Q16	17	R19	27	Z3	36
CR11	9	Q17	16	R20	33	Z4	37
CR12	9	Q18	17	R21	33	Z5	37
CR13	9	Q19	16	R22	33	Z6	37
CR14	9	Q20	17	R23	33	Z7	37
CR15	9	Q21	16	R24	33	Z8	37
CR16	9	Q22	18	R25	33	Z9	37
CR17	9	Q23	19	R26	33	Z10	38

LEGEND

BASING DIAGRAMS ARE SHOWN FROM THE TOP AS ON THE PART LOCATION DIAGRAM.



TRANSISTOR (Q)



OPERATIONAL AMPLIFIER (Z)

NOTE: UNLESS OTHERWISE SPECIFIED

1. LIGHT SHADING INDICATES ETCHED SIDE CIRCUIT PATTERN-DARK SHADING INDICATES COMPONENT SIDE PATTERN.
2. FOR COMPLETE REFERENCE DESIGNATION PREFIX WITH 7A11 (2A1A8)

Figure 89. Generator, write vertical sweep

By Order of the Secretary of the Army:

Official:  
VERNE L. BOWERS  
*Major General, United States Army,  
The Adjutant General*

FRED C. WEYAND  
*General, United States Army,  
Chief of Staff.*

Distribution:

To be distributed in accordance with DA Form 12-36, (qty rqr block No. 8). Direct and General Support Maintenance requirements for AN/AAS-24.

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



**SOMETHING WRONG WITH PUBLICATION**

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

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.

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

