

**TECHNICAL MANUAL**

**ILLUSTRATED PARTS BREAKDOWN**

**AN/ GSC-24(V) MULTIPLEXER SET  
61860000**

**This copy is a reprint which includes current  
pages from changes 1 and 2.**

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**1 JANUARY 1976**

**TABLE OF CONTENTS**

<b>Section</b>	<b>Page</b>	<b>Section</b>	<b>Page</b>
LIST OF TABLES .....	i		
I. INTRODUCTION.....	1-1	Timing and Overhead Enable Generator Circuit Card Assembly .....	2-52
II. MAINTENANCE PARTS LIST.....	2-1	Gated Clock/Data Mux Circuit Card Assembly .....	2-54
Multiplexer Assembly AN/GSC-24(V).....	2-2	Sequencer Circuit Card Assembly .....	2-56
Multiplexer Case Assembly.....	2-10	Display Circuit Card Assembly .....	2-58
Main Frame Wiring Assembly.....	2-12	Frame Sync Circuit Card Assembly.....	2-60
Power Supply Assembly.....	2-14	Error Rate Detector and Remote Alarms Circuit Card Assembly .....	2-62
Power Supply Chassis Assembly.....	2-16	Reference Timer Circuit Card Assembly .....	2-66
Power Supply Frame Assembly.....	2-24	Rate Comparison Buffer Circuit Card Assembly .....	2-70
Motherboard Circuit Card Assembly.....	2-28	Transition Encoder and Timing Recovery Circuit Card Assembly .....	2-74
+12V Regulator Circuit Card Assembly .....	2-30	Voice Encoder Circuit Card Assembly .....	2-78
+5V Regulator Circuit Card Assembly.....	2-34	Smoothing Buffer Circuit Card Assembly .....	2-82
+12V Driver Circuit Card Assembly.....	2-36	Transition Decoder Circuit Card Assembly .....	2-88
+5V Driver Circuit Card Assembly.....	2-37	Voice Decoder Circuit Card Assembly .....	2-94
Front Panel Assembly .....	2-38	Narrow Band Smoothing Buffer Circuit Card Assembly.....	2-98
Front Panel Circuit Card Assembly.....	2-40	III. NUMERICAL INDEX .....	3-1
Tubeaxial Fan Assembly .....	2-42	IV. REFERENCE DESIGNATION INDEX.	4-1
Connector Panel Assembly .....	2-44		
Power Supply Cover Assembly.....	2-46		
Front Cover Assembly.....	2-47		
Card File Assembly .....	2-48		
Electrical Power Cable Assembly.....	2-50		

**LIST OF TABLES**

<b>Number</b>	<b>Page</b>	<b>Number</b>	<b>Page</b>
1-1 Letter Prefixes used in Reference Designation Index .....	1-9	1-2 List of Symbols and Abbreviations .....	1-10

## SECTION I INTRODUCTION

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### 1-1. GENERAL

**1-2.** This Illustrated Parts Breakdown lists, illustrates, and describes the parts for Multiplexer AN/GSC-24(V), part number 61860000. The Illustrated Parts Breakdown is intended to be used when requisitioning, storing, issuing, and identifying parts and illustrate disassembly relationships.

**1-3.** This Illustrated Parts Breakdown consists of four sections which are as follows:

Section I	Introduction
Section II	Maintenance Parts List
Section III	Numerical Index
Section IV	Reference Designation Index

### 1-4. MAINTENANCE PARTS LIST

**1-5. GENERAL.** Section II, Maintenance Parts List, consists of a breakdown of the complete equipment into assemblies, subassemblies, detailed parts, and attaching parts. Each assembly is listed in its order of disassembly, and is followed immediately by its component parts properly indented below it to show their relationship to the assembly. Attaching parts are listed immediately following the parts which they attach. Items which are obtained from bulk stock, such as sealing compound, cement, wire, etc., are not included in the Maintenance Parts List.

### 1-6. FIGURE AND INDEX NUMBER COLUMN.

In this column, the first number refers to the figure in the Maintenance Parts List on which the assembly or part is illustrated and the second number is the index number of

the assembly or part. Parts shown for reference purposes only are not given index numbers. The index numbers are numerically arranged in the listing and are to key the assemblies and parts to the figure. The index numbers are also used to locate a part in the Maintenance Parts List after it has been found in the Numerical Index.

**1-7. PART NUMBER COLUMN.** This column lists either the prime manufacturer's part numbers which are the same as drawing numbers, AN (Air Force-Navy) standard part numbers, MS (Military Standards) part numbers, NAS (Naval Aircraft Standards) standard part numbers, or part number of vendors other than prime manufacturer. If the part has an AN, MS or an NAS part number, this part number is listed in the PART NUMBER Column. If a part is purchased from a vendor other than the prime manufacturer, the vendor's part number is listed in the PART NUMBER column. When a vendor's part number is listed, the prime manufacturer's Federal Supply Code and part number (See paragraph 1-9) is found in the DESCRIPTION column enclosed in parentheses. If no Federal Supply Code appears in the DESCRIPTION column, the part number is the prime manufacturer's number. Part numbers are used exclusively to identify parts.

**1-8. FEDERAL SUPPLY CODE FOR MANUFACTURER (FSCM) COLUMN.** This column lists the Federal Supply Codes for Manufacturer's and were obtained from Cataloging Handbooks H4-1, H4-2, and H4-3, Federal Supply Code for Manufacturers. Refer to paragraph 1-25 for code to name listing. When a FSCM is not published in the current issues of the Cataloging Handbooks, the word "NONE" shall be entered in the FSCM column.

**1-9. DESCRIPTION COLUMN.** This column lists the name of each assembly, its attaching parts (AP), and the

components of the assembly, properly indented to show their relationship to the assembly and to show the relationship of the assembly to the next higher assembly (NHA). Main assemblies of the equipment shown in the overall equipment illustrations at the beginning of the Maintenance Parts List are shown and indexed as a complete assembly. The assembly is then broken down into individual parts in another illustration and in a separate listing in the parts list. The first listing of such assemblies is followed by the statement "(See Fig. 00)". Parts purchased from vendors other than the prime manufacturer are so indicated by the prime manufacturer's Federal Supply Code and part number in the DESCRIPTION column (See paragraph 1-7).

**1-10. UNITS PER ASSEMBLY COLUMN.** This column lists the quantity of assemblies or parts required in the immediately preceding assembly of which the given assembly or part is a component. The quantities specified, therefore, are not necessarily the total used per equipment.

Subsequent appearances of an item will be shown as a reference (REF). Also, the word "REF" in this column refers to an assembly which is completely assembled on a preceding illustration, and is now exploded on the illustration on which it is referenced. In this case, the DESCRIPTION column has a notation which refers to the illustration on which the assembly is shown completely assembled and indexed. The abbreviation "AR" indicates that the quantity of the part is "AS Required" due to special considerations of assembly fit or tolerance, and/or applications peculiar to a particular using units configuration.

**1-11. USABLE ON CODE COLUMN.** When breakdowns of similar models are combined in the same Illustrated Parts Breakdown, part variations within the models are indicated by a letter symbol in the USABLE ON CODE column. Where USABLE ON CODE column has been left blank, parts listed apply to all models covered by this breakdown.

**1-12. SOURCE, MAINTENANCE AND RECOVERABILITY (SMR) CODE COLUMN.** This column lists the assigned SMR codes. This illustrated Parts Breakdown contains Joint Military Services Uniform SMR codes only. Definitions of these SMR codes are available in T.O. 00-25-195.

### 1-13. NUMERICAL INDEX

**1-14. GENERAL.** Section III, Numerical Index, is compiled in accordance with the alpha-numerical listing system described below.

1. The order of precedence beginning at the extreme left-hand position in part number arrangement is as follows:

Letters A through N, and P through Z

Numerals 0 through 9

Note

Alphabetic O's are considered as numeric zeros.

2. The order of precedence in continuing the part number arrangement in the second and succeeding positions of the part number, from left to right, is as follows:

Diagonal (slant) /

Point (Period)

Dash (-)

Letters A through N and P through Z

Numerals 0 through 9

**Note**

**Alphabetic O's are considered as numeric zeros.**

**1-15. PART NUMBER COLUMN.** This column lists the part numbers of all parts that comprise the equipment covered by this illustrated Parts Breakdown.

**1-16. NATIONAL STOCK NUMBER COLUMN (FOR ARMY USE ONLY).** This column is for Army use only and indicates the National Stock Number which is used for requisitioning purposes.

**1-17. FIGURE AND INDEX NUMBER COLUMN.** In this column, the first number refers to the figure in the Maintenance Parts List on which the assemblies and parts are illustrated and the second number is the index number of the part or assembly. This column is used as a cross-reference to the Maintenance Parts List.

**1-18. QUANTITY PER END ITEM COLUMN.** This column lists the total quantity of assemblies or parts required per end item of equipment. This first appearance of these items will reflect the total quantity per end item and in subsequent appearance, quantities will not be shown. "As Required" items will reflect "AR" (See paragraph 1-10).

**1-19. REFERENCE DESIGNATION INDEX.**

**1-20. GENERAL.** Section IV, Reference Designation Index, contains an alphanumerical list of reference designations which have been assigned in accordance with USAS Y32-16. These designations may be marked on the equipment near the component and may also appear on the schematic diagrams. There are optional circuit cards used with the AN/GSC-24(V) Multiplexer that have no reference designation assigned. These cards are listed at the end of the Reference Designation Index by part number with their respective components reference designation shown. The letter prefixes used in the reference designations are defined in table 1-1.

**1-21. REFERENCE DESIGNATION COLUMN.** This column lists the reference designation symbols which have been assigned to pertinent assemblies and parts.

**1-22. FIGURE AND INDEX NUMBER COLUMN.** In this column, the first number refers to the figure in the Maintenance Parts List on which the assemblies and parts are illustrated and the second number is the index number of the assembly or part.

**1-23. HOW TO USE THIS ILLUSTRATED PART BREAKDOWN.** Refer to pages 1-7 and 1-8 for a detailed description of how to use this Illustrated Breakdown.

**1-24. SYMBOLS AND ABBREVIATIONS.** The symbols and abbreviations used in this Illustrated Parts Breakdown are in accordance with Military Standards MILSTD-12. Refer to table 1-2 for an explanation of the symbols and abbreviations used.

**1-25. FEDERAL SUPPLY CODE FOR MANUFACTURER.** The Federal Supply Code for Manufacturer listed in the FSCM column of the Maintenance Parts List are listed in a code to name/name to code cross-reference format as follows:

1. Code to name in numerical order

<u>Code</u>	<u>Manufacturer</u>
00779	Amp Inc. P.O. Box 3608 Harrisburg, PA 17105
03550	Vanguard Electronics Div. Wyle Laboratories 930 W. Hyde Park Blvd. Inglewood, CA 90302

<u>Code</u>	<u>Manufacturer</u>	<u>Code</u>	<u>Manufacturer</u>
04939	Martin Marietta Corp. P.O. Box 5837 Orlando, FL 32805		Engineering Inc. 340 Martin Ave. Santa Clara, CA 95050
06413	American Heochst Corp. Tri-Point Industries Div. 1 Trilon Way Commack, NY 11725	26430	Trio Metal Products Inc. Falls and Clearview Rd. Baltimore, MD 21209
06540	Amatron Electronics Hardware Div. of Mite Corp. 446 Blake St. New Haven, CT. 06515	29567	Bunker Ramo Corp. Amphenol Industrial Div. 1830 S. 54th St. Chicago, IL 60650
06773	Timber Top Inc. 199 N. Main St. Freeport, NY 11520	59730	The Thomas and Betts Co. 36 Butler St. Elizabeth, NJ 07207
08530	Reliance Mica Co. 342 39th St. Brooklyn, NY 11232	71468	ITT Cannon Electric 666 E. Dyer Rd. Santa Ana, CA 92702
12294	Erie Technological Products of Canada LTD Trenton, Ontario Canada	75378	CTS Knights Inc. 222 Reimann Ave. Sandwich, IL 60548
13103	Thermolloy Co. 2021 W. Valley View Lane Dallas, TX 75234	75915	Little Fuse Inc. 800 E. Northwest Hwy Des Plaines, IL 60016
18915	Birtcher Corp, Industrial Div. 4371 Valley Blvd. Los Angeles, CA 90032	76005	Lord Manufacturing Co. Erie, PA 16512
21811	Dektronics Inc. 231 S. Lake Howell Rd. Casselberry, FL 32707	79089	RCA Corp Electronic Components Receiving Tube Div. 415 S. 5th St. Harrison, NJ 07029
23481	Zero Manufacturing Co. Zero-South Div. St. Petersburg-Clearwater International Airport St. Petersburg, FL 33732	80205	National Aerospace Standards Committee Aerospace Industries Association of America Inc., 1725 De Sales N.W., Washington, D.C.
23880	Stanford Applied	81348	Federal Specification Promulgated by General Services Administration Washington, D.C.

<u>Code</u>	<u>Manufacturer</u>	<u>Manufacturer</u>	<u>Code</u>
81349	Military Specification Promulgated by Military Depart/Agencies under authority of Defense Standardization Manual 4120 3M	2. Name to code in alphabetical order.	
		<u>Manufacturer</u>	<u>Code</u>
82877	Rotron Inc. 7-9 Hasbrouk Lane Woodstock, NY 13498	Amatom Electronics Hardware Div of Mite Corp. New Haven, CT.	06540  06515
88044	Aeronautical Standards Group Dept of Navy and Air Force Silver Springs, MD	Amp Inc. P.O. Box 3608 Harrisburg, PA 17105	00779
88245	Litton Systems Inc. USECO Div. 13536 Saticoy St. Van Nuys, CA 91409	Aeronautical Standards Dept of Navy and Air Force Silver Springs, MD	88044
91506	Augat Inc. 33 Perry Ave. Attleboro, MA 02703	American Heochst Corp Tri-point Industries Div. 1 Trilon Way Commack, NY 11725	06413
94222	Southco, Inc. Lester, PA 19113	Augat Inc. 33 Perry Ave Attleboro, MA 02703	91506
95712	Bendix Corp., Electrical Components Div. Microwave Devices Plant Hurricane Rd. Franklin, IN 46131	Bendix Corp, Electrical Components Div. Microwave Devices Plant Hurricane Rd Franklin, IN 461313	95712
96906	Military Standards Promulgated by Military Departments under authority of Defense Standardization Manual 4120 3M	Birtcher Crop, Industrial Div. 4371 Valley Blvd Los Angeles CA 90032	18915
98291	Sealeco Corp. 225 Hoyt Mamaroneck, NY 10544	Bunker Rams Corp. Amphenol Industrial Div. 1830 S. 54th Ave. Chicago, IL 60650	29587
		Cambridge Thermonic Corp 445 Concord Ave Cambridge, MA 02138	71279

<u>Manufacturer</u>	<u>Code</u>	<u>Manufacturer</u>	<u>Code</u>
CTS Knights Inc. 222 Reimann Ave Sandwich, IL 60548	75378	Military Specification Promulgated by Military Dept/Agencies under authority of Defense Standardization Manual 4120 3M	81349
Dektronics Inc. 231 S. Lake Howell Rd. Casselberry, FL 32707	21811	Military Standards Promulgated by Military Departments under authority of Defense Standardization Manual 4120 3M	96906
Erie Technological Products of Canada LTD Trenton, Ontario Canada	12294	National Aerospace Standards Committee Aerospace Industries Association of America Inc., 1725 De Sales N.W. Washington, D.C. 20036	80205
Federal Specification Promulgated by General Services Administration Washington, D.C.	81348	RCA Corp Electronic Components Receiving Tube Div. 415 S. 5th St. Harrison, NJ 07029	79089
ITT Cannon Electric 666 E. Dyer Rd. Santa Ana, CA 92702	71468	Reliance Mica Co. 342 39th Ct. Brooklyn, NY 11232	08530
Kulka Electric Corp. 633-643 S. Fulton Ave. Mt. Vernon, NY 10550	75382	Rotron Inc. 7-9 Hasbrouk Lane Woodstock, NY 12498	82877
Littlefuse Inc, 800 E. Northwest Hwy Des Plaines IL 60016	75916	Sealecto Corp 225 Hoyt Mamaroneck, NY 10544	98291
Litton Systems Inc. USECO Div. 13536 Saticoy St. Van Nuys, CA 91409	88245	Southco Inc. Lester, PA 19113	94222
Lord Manufacturing Co. Erie, PA 16512	76005	Stanford Applied Engineering Inc. 340 Martin Ave. Santa Clara, CA 95050	23880
Martin Marietta Corp Orlando Div P.O. Box 5837 Orlando, FL 32805	04939		

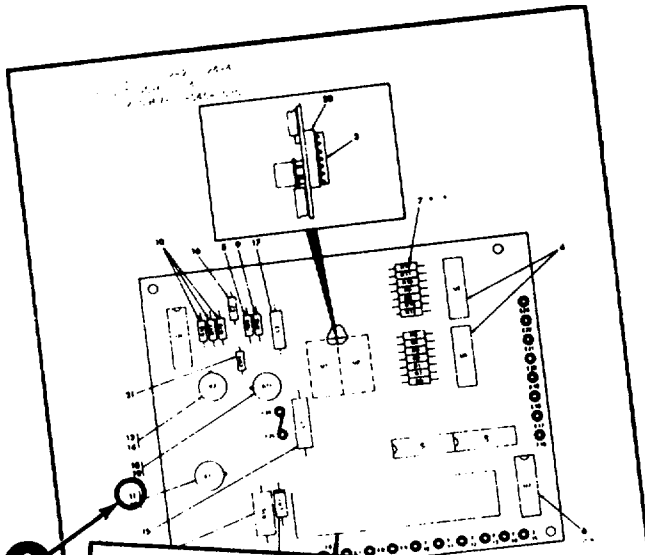


<u>Manufacturer</u>	<u>Code</u>	<u>Manufacturer</u>	<u>Code</u>
The Thomas and Betts Co. 36 Butler St. Elizabeth, NJ 07207	59730	Trio Metal Products Inc. Falls and Clearview Rd. Baltimore, MD 21209	26430
Thermolloy Co. 2021 W. Valley View Lane Dallas, TX 75234	13103	Vanguard Electronics Div. Wyle Laboratories 930 W. Hyde Park Blvd Inglewood, CA 90302	03550
Timber Top Inc. 199 N. Main St. Freeport, NY 11520	06773	Zero Manufacturing Co. Zero-South Div. St. Petersburg-Clearwater International Airport St. Petersburg, FL 33732	23481

**Change 2 1-6.1/(1-6.2 blank)**



HOW TO USE THIS ILLUSTRATED PARTS BREAKDOWN



AIR FORCE T.O. 31W2-2GSC24-4  
 ARMY TM 11-5805-688-14-3  
 NAVY NAVELEX 0967-LP-545-3030

**MAINTENANCE PARTS LIST**

Part Number	Part Name	Figure and Index Number	Description	Unit	Ordering	Remarks
0000	CONTROL CARD ASSEMBLY, Print panel etc.	21-10	CONTROL CARD ASSEMBLY, Print panel etc.			
0000	FIG. 2 (Army Only)	21-11	FIG. 2 (Army Only)			
0000	FIG. 3 (Army Only)	21-12	FIG. 3 (Army Only)			
0000	FIG. 4 (Army Only)	21-13	FIG. 4 (Army Only)			
0000	FIG. 5 (Army Only)	21-14	FIG. 5 (Army Only)			
0000	FIG. 6 (Army Only)	21-15	FIG. 6 (Army Only)			
0000	FIG. 7 (Army Only)	21-16	FIG. 7 (Army Only)			
0000	FIG. 8 (Army Only)	21-17	FIG. 8 (Army Only)			
0000	FIG. 9 (Army Only)	21-18	FIG. 9 (Army Only)			
0000	FIG. 10 (Army Only)	21-19	FIG. 10 (Army Only)			
0000	FIG. 11 (Army Only)	21-20	FIG. 11 (Army Only)			
0000	FIG. 12 (Army Only)	21-21	FIG. 12 (Army Only)			
0000	FIG. 13 (Army Only)	21-22	FIG. 13 (Army Only)			
0000	FIG. 14 (Army Only)	21-23	FIG. 14 (Army Only)			
0000	FIG. 15 (Army Only)	21-24	FIG. 15 (Army Only)			
0000	FIG. 16 (Army Only)	21-25	FIG. 16 (Army Only)			
0000	FIG. 17 (Army Only)	21-26	FIG. 17 (Army Only)			
0000	FIG. 18 (Army Only)	21-27	FIG. 18 (Army Only)			
0000	FIG. 19 (Army Only)	21-28	FIG. 19 (Army Only)			
0000	FIG. 20 (Army Only)	21-29	FIG. 20 (Army Only)			
0000	FIG. 21 (Army Only)	21-30	FIG. 21 (Army Only)			
0000	FIG. 22 (Army Only)	21-31	FIG. 22 (Army Only)			
0000	FIG. 23 (Army Only)	21-32	FIG. 23 (Army Only)			
0000	FIG. 24 (Army Only)	21-33	FIG. 24 (Army Only)			
0000	FIG. 25 (Army Only)	21-34	FIG. 25 (Army Only)			
0000	FIG. 26 (Army Only)	21-35	FIG. 26 (Army Only)			
0000	FIG. 27 (Army Only)	21-36	FIG. 27 (Army Only)			
0000	FIG. 28 (Army Only)	21-37	FIG. 28 (Army Only)			
0000	FIG. 29 (Army Only)	21-38	FIG. 29 (Army Only)			
0000	FIG. 30 (Army Only)	21-39	FIG. 30 (Army Only)			
0000	FIG. 31 (Army Only)	21-40	FIG. 31 (Army Only)			
0000	FIG. 32 (Army Only)	21-41	FIG. 32 (Army Only)			
0000	FIG. 33 (Army Only)	21-42	FIG. 33 (Army Only)			
0000	FIG. 34 (Army Only)	21-43	FIG. 34 (Army Only)			
0000	FIG. 35 (Army Only)	21-44	FIG. 35 (Army Only)			
0000	FIG. 36 (Army Only)	21-45	FIG. 36 (Army Only)			
0000	FIG. 37 (Army Only)	21-46	FIG. 37 (Army Only)			
0000	FIG. 38 (Army Only)	21-47	FIG. 38 (Army Only)			
0000	FIG. 39 (Army Only)	21-48	FIG. 39 (Army Only)			
0000	FIG. 40 (Army Only)	21-49	FIG. 40 (Army Only)			
0000	FIG. 41 (Army Only)	21-50	FIG. 41 (Army Only)			
0000	FIG. 42 (Army Only)	21-51	FIG. 42 (Army Only)			
0000	FIG. 43 (Army Only)	21-52	FIG. 43 (Army Only)			
0000	FIG. 44 (Army Only)	21-53	FIG. 44 (Army Only)			
0000	FIG. 45 (Army Only)	21-54	FIG. 45 (Army Only)			
0000	FIG. 46 (Army Only)	21-55	FIG. 46 (Army Only)			
0000	FIG. 47 (Army Only)	21-56	FIG. 47 (Army Only)			
0000	FIG. 48 (Army Only)	21-57	FIG. 48 (Army Only)			
0000	FIG. 49 (Army Only)	21-58	FIG. 49 (Army Only)			
0000	FIG. 50 (Army Only)	21-59	FIG. 50 (Army Only)			
0000	FIG. 51 (Army Only)	21-60	FIG. 51 (Army Only)			
0000	FIG. 52 (Army Only)	21-61	FIG. 52 (Army Only)			
0000	FIG. 53 (Army Only)	21-62	FIG. 53 (Army Only)			
0000	FIG. 54 (Army Only)	21-63	FIG. 54 (Army Only)			
0000	FIG. 55 (Army Only)	21-64	FIG. 55 (Army Only)			
0000	FIG. 56 (Army Only)	21-65	FIG. 56 (Army Only)			
0000	FIG. 57 (Army Only)	21-66	FIG. 57 (Army Only)			
0000	FIG. 58 (Army Only)	21-67	FIG. 58 (Army Only)			
0000	FIG. 59 (Army Only)	21-68	FIG. 59 (Army Only)			
0000	FIG. 60 (Army Only)	21-69	FIG. 60 (Army Only)			
0000	FIG. 61 (Army Only)	21-70	FIG. 61 (Army Only)			
0000	FIG. 62 (Army Only)	21-71	FIG. 62 (Army Only)			
0000	FIG. 63 (Army Only)	21-72	FIG. 63 (Army Only)			
0000	FIG. 64 (Army Only)	21-73	FIG. 64 (Army Only)			
0000	FIG. 65 (Army Only)	21-74	FIG. 65 (Army Only)			
0000	FIG. 66 (Army Only)	21-75	FIG. 66 (Army Only)			
0000	FIG. 67 (Army Only)	21-76	FIG. 67 (Army Only)			
0000	FIG. 68 (Army Only)	21-77	FIG. 68 (Army Only)			
0000	FIG. 69 (Army Only)	21-78	FIG. 69 (Army Only)			
0000	FIG. 70 (Army Only)	21-79	FIG. 70 (Army Only)			
0000	FIG. 71 (Army Only)	21-80	FIG. 71 (Army Only)			
0000	FIG. 72 (Army Only)	21-81	FIG. 72 (Army Only)			
0000	FIG. 73 (Army Only)	21-82	FIG. 73 (Army Only)			
0000	FIG. 74 (Army Only)	21-83	FIG. 74 (Army Only)			
0000	FIG. 75 (Army Only)	21-84	FIG. 75 (Army Only)			
0000	FIG. 76 (Army Only)	21-85	FIG. 76 (Army Only)			
0000	FIG. 77 (Army Only)	21-86	FIG. 77 (Army Only)			
0000	FIG. 78 (Army Only)	21-87	FIG. 78 (Army Only)			
0000	FIG. 79 (Army Only)	21-88	FIG. 79 (Army Only)			
0000	FIG. 80 (Army Only)	21-89	FIG. 80 (Army Only)			
0000	FIG. 81 (Army Only)	21-90	FIG. 81 (Army Only)			
0000	FIG. 82 (Army Only)	21-91	FIG. 82 (Army Only)			
0000	FIG. 83 (Army Only)	21-92	FIG. 83 (Army Only)			
0000	FIG. 84 (Army Only)	21-93	FIG. 84 (Army Only)			
0000	FIG. 85 (Army Only)	21-94	FIG. 85 (Army Only)			
0000	FIG. 86 (Army Only)	21-95	FIG. 86 (Army Only)			
0000	FIG. 87 (Army Only)	21-96	FIG. 87 (Army Only)			
0000	FIG. 88 (Army Only)	21-97	FIG. 88 (Army Only)			
0000	FIG. 89 (Army Only)	21-98	FIG. 89 (Army Only)			
0000	FIG. 90 (Army Only)	21-99	FIG. 90 (Army Only)			
0000	FIG. 91 (Army Only)	21-100	FIG. 91 (Army Only)			

AIR FORCE T.O. 31W2-2GSC24-4  
 ARMY TM 11-5805-688-14-3  
 NAVY NAVELEX 0967-LP-545-3030

**NUMERICAL INDEX**

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per Item
000000 00 1383	...	4-7-70	AM	000000 18 06	...	22-18	
000000 02 1385	...	20-1-11		000000 22 06	...	22-19	
000000 02 1387	...	9-7-66	AM	000000 25 79	...	26-7-62	
000000 02 1389	...	30-1-17		000000 27 16	...	27-16	
000000 02 1390	...	8-7-69	AM	000000 29-1-21	...	29-1-21	
000000 02 1391	...	30-1-13		000000 30-1-21	...	30-1-21	
000000 02 1391	...	11-2-36		000000 31-2-1	...	31-2-1	
000000 02 1391	...	11-2-35		000000 32-2-55	...	32-2-55	
000000 02 1391	...	9-7-74	AM	000000 33-1-16	...	33-1-16	
000000 02 1391	...	10-9		000000 34-1-20	...	34-1-20	
000000 02 1391	...	11-6		000000 35-1-4	...	35-1-4	
000000 02 1391	...	11-16		000000 36-1-24	...	36-1-24	
000000 02 1391	...	24-15		000000 37-2-83	...	37-2-83	
000000 02 1391	...	25-7-75		000000 38-1-1	...	38-1-1	
000000 02 1391	...	26-1-4		000000 39-1-1	...	39-1-1	
000000 02 1391	...	27-7-30		000000 40-1-110P	...	40-1-110	
000000 02 1391	...	28-2-75		000000 41-1-110P	...	41-1-110	
000000 02 1391	...	29-7-28		000000 42-1-110P	...	42-1-110	
000000 02 1391	...	30-1-16		000000 43-1-110P	...	43-1-110	
000000 02 1391	...	31-1-10		000000 44-1-110P	...	44-1-110	
000000 02 1391	...	32-1-10		000000 45-1-110P	...	45-1-110	
000000 02 1391	...	33-1-10		000000 46-1-110P	...	46-1-110	
000000 02 1391	...	34-1-10		000000 47-1-110P	...	47-1-110	
000000 02 1391	...	35-1-10		000000 48-1-110P	...	48-1-110	
000000 02 1391	...	36-1-10		000000 49-1-110P	...	49-1-110	
000000 02 1391	...	37-1-10		000000 50-1-110P	...	50-1-110	
000000 02 1391	...	38-1-10		000000 51-1-110P	...	51-1-110	
000000 02 1391	...	39-1-10		000000 52-1-110P	...	52-1-110	
000000 02 1391	...	40-1-10		000000 53-1-110P	...	53-1-110	
000000 02 1391	...	41-1-10		000000 54-1-110P	...	54-1-110	
000000 02 1391	...	42-1-10		000000 55-1-110P	...	55-1-110	
000000 02 1391	...	43-1-10		000000 56-1-110P	...	56-1-110	
000000 02 1391	...	44-1-10		000000 57-1-110P	...	57-1-110	
000000 02 1391	...	45-1-10		000000 58-1-110P	...	58-1-110	
000000 02 1391	...	46-1-10		000000 59-1-110P	...	59-1-110	
000000 02 1391	...	47-1-10		000000 60-1-110P	...	60-1-110	
000000 02 1391	...	48-1-10		000000 61-1-110P	...	61-1-110	
000000 02 1391	...	49-1-10		000000 62-1-110P	...	62-1-110	
000000 02 1391	...	50-1-10		000000 63-1-110P	...	63-1-110	
000000 02 1391	...	51-1-10		000000 64-1-110P	...	64-1-110	
000000 02 1391	...	52-1-10		000000 65-1-110P	...	65-1-110	
000000 02 1391	...	53-1-10		000000 66-1-110P	...	66-1-110	
000000 02 1391	...	54-1-10		000000 67-1-110P	...	67-1-110	
000000 02 1391	...	55-1-10		000000 68-1-110P	...	68-1-110	
000000 02 1391	...	56-1-10		000000 69-1-110P	...	69-1-110	
000000 02 1391	...	57-1-10		000000 70-1-110P	...	70-1-110	
000000 02 1391	...	58-1-10		000000 71-1-110P	...	71-1-110	
000000 02 1391	...	59-1-10		000000 72-1-110P	...	72-1-110	
000000 02 1391	...	60-1-10		000000 73-1-110P	...	73-1-110	
000000 02 1391	...	61-1-10		000000 74-1-110P	...	74-1-110	
000000 02 1391	...	62-1-10		000000 75-1-110P	...	75-1-110	
000000 02 1391	...	63-1-10		000000 76-1-110P	...	76-1-110	
000000 02 1391	...	64-1-10		000000 77-1-110P	...	77-1-110	
000000 02 1391	...	65-1-10		000000 78-1-110P	...	78-1-110	
000000 02 1391	...	66-1-					

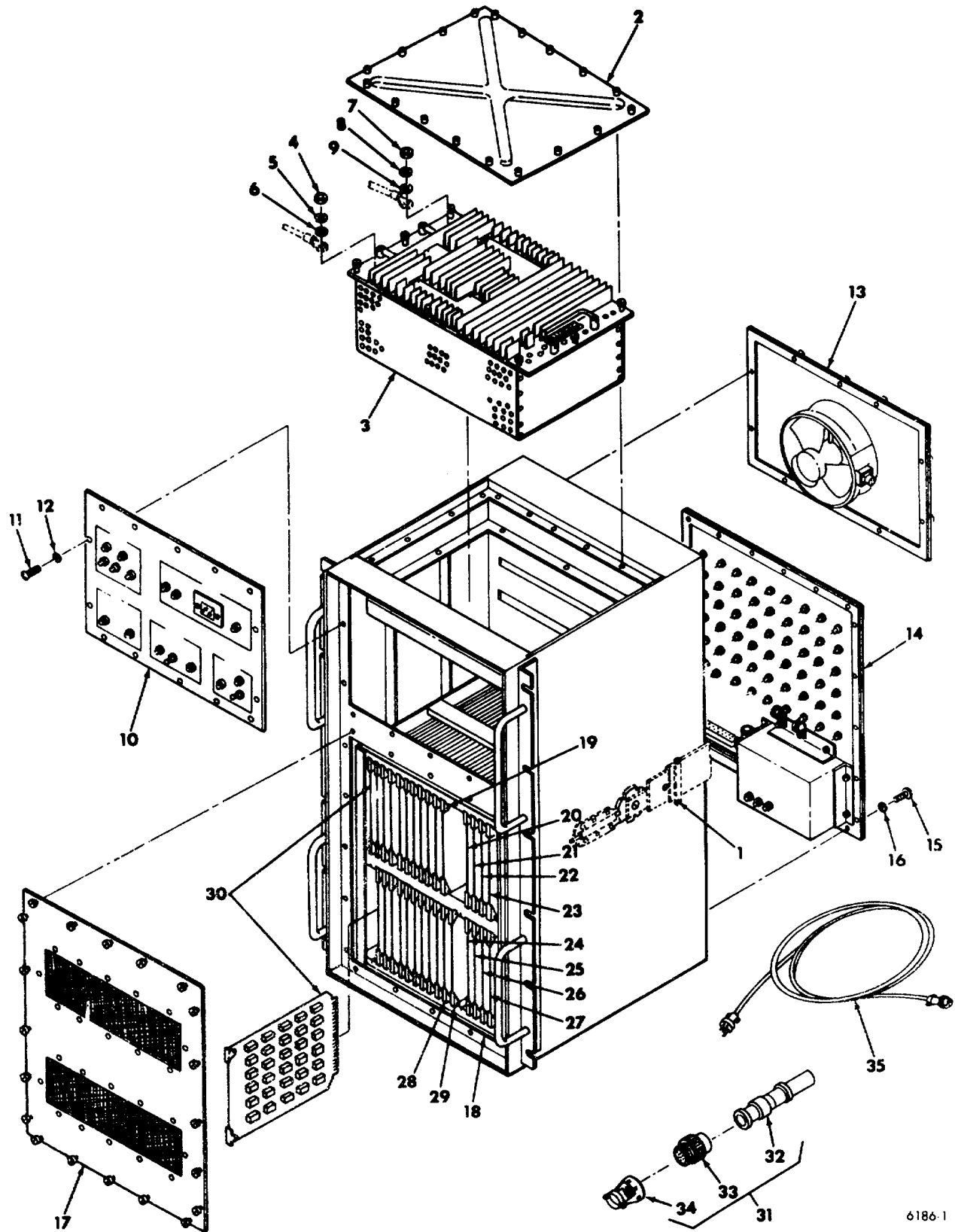
Table 1-1. Letter Prefixes used in Reference Designation Index.

<u>Prefix</u>	<u>Component</u>	<u>Prefix</u>	<u>Component</u>
A	Assembly	P	Connector, Plug
AT	Semiconductor (Optical Isolator)	Q	Transistor
B	Fan, Tubeaxial	R	Resistor
C	Capacitor	S	Switch
CB	Circuit Breaker	T	Transformer
CR	Semiconductor	TB	Terminal Board
DS	Lamp, Cartridge	TP	Connector, Electrical
F	Terminal	U	Microcircuit
F	Fuse	VR	Semiconductor, (Diode)
FL	Filter	W	Cable Assembly/Wiring Harness
J	Connector, Receptacle	XA	Receptacle for Assembly
K	Relay	XDS	Housing, Indicator Light
L	Coil	Y	Oscillator

*Table 1-2. List of Symbols and Abbreviations*

<u>Symbols/ Abbreviation</u>	<u>Explanation/ Word</u>	<u>Symbols/ Abbreviation</u>	<u>Explanation/ word</u>
	Air Force	dwg	Drawing
	Requisition this marking in accordance with the requirements of AFR 6-4	FIG.	Figure
	Army and Navy	FSCM	Federal Supply Code for Manufacturer
	Requisition this marking in accordance with standard requisitioning procedures	NHA	Next Higher Assembly
		NSN	National Stock Number
(AP)	Attaching Parts	REF	Reference
AR	As Required	SMR	Source, Maintenance and Recoverability Code
Cont	Control	spec	Specification

**SECTION II**  
**MAINTENANCE PARTS LIST**



6186-1

Figure 1. Multiplexer Assembly AN/GSC-24(V) (Sheet 1 of 4)

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
			1 2 3 4 5 6 7			
1/1-	61860000-009	04939	MULTIPLEXER ASSEMBLY, AN/GSC-24(V) .....	1		PAOOLS
-1	MS35650-302	96906	NUT (AP) .....	8		PAOZZN
	MS35307-263	96906	SCREW (AP) .....	8		PAOZZN
	MS353-339	96906	WASHER (AP) .....	8		PAOZZN
-2	61860009-009	04939	. COVER ASSEMBLY, Power supply (See FIG. 16).....	1		PBOZZN
-3	61863000-009	04939	. POWER SUPPLY ASSEMBLY (See FIG. 4) .....	1		PAODLT
-4	AN3154R	88044	. NUT (AP) .....	1		PAOZZN
-5	MS35338-101	96906	. WASHER (AP) .....	1		PAOZZN
-6	AN960416	88044	. WASHER (AP) .....	1		PAOZZN
-7	AN315-5R	88044	. NUT (AP) .....	1		PAOZZN
-8	MS35338-102	96906	. WASHER (AP) .....	1		PAOZZN
-9	AN960-516	88044	. WASHER (AP) .....	1		PAOZZN
-10	61861000-009	04939	. PANEL ASSEMBLY, Front (See FIG. 12) .....	1		XB
-11	MS35206-228	96906	. SCREW (AP) .....	14		PAOZZN
-12	AN960-6L	88044	. WASHER (AP) .....	14		PAOZZN
-13	61861550-009	04939	. FAN ASSEMBLY, Tubeaxial (See FIG. 14) .....	1		XB
-14	61861500-009	04939	. CONNECTOR PANEL ASSEMBLY (See FIG. 15) .....	1		XB
-15	MS35206-231	96906	. SCREW (AP).....	22		PAOZZN
-16	AN960-6L	88044	. WASHER (AP) .....	22		PAOZZN
-17	61860002-009	04939	. COVER ASSEMBLY, Front (See FIG. 17) .....	1		AOODT
-18	61862000-009	04939	. CARD FILE ASSEMBLY (See FIG. 18).....	1		XB
-19	61864150-009	04939	. CIRCUIT CARD ASSEMBLY, Reference timer (See .....	1		PAODLT
			FIG. 26)			
-20	61864020-009	04939	. CIRCUIT CARD ASSEMBLY, Timing and overhead enable	1		PAODLT
			generator (See FIG. 20)			
-21	61864030-009	04939	. CIRCUIT CARD ASSEMBLY, Gated clock/data mux ....	1		PAODLT
			(See FIG. 21)			
-22	61864040-009	04939	. CIRCUIT CARD ASSEMBLY, Sequencer (See FIG. 22)	1		PAODLT
-23	61864050409	04939	. CIRCUIT CARD ASSEMBLY, Display (See FIG. 23)....	1		PAODLT
-24	61864020-009	04939	. CIRCUIT CARD ASSEMBLY, Timing and overhead enable	1		PAODLT
			generator (See FIG. 20)			
-25	61864030-009	04939	. CIRCUIT CARD ASSEMBLY, Gated clock/data mux ....	1		PAODLT
			(See FIG. 21)			
-26	61864040-009	04939	. CIRCUIT CARD ASSEMBLY, Sequencer (See FIG. 22)	1		PAODLT
-27	61864080-009	04939	. CIRCUIT CARD ASSEMBLY, card extender .....	1		PAOZZN
-28	61864110-009	04939	. CIRCUIT CARD ASSEMBLY, Frame sync (See FIG. 24)	1		PAODLT
-29	61864120-009	04939	. CIRCUIT CARD ASSEMBLY, Error rate detector and ...	1		PAODLT
			remote alarms (See FIG. 25)			
-30	61860021-009	04939	. CARD COMPLEMENT AND CONNECTOR KIT LISTING	1		XC
	618640104009	04939	. . CIRCUIT CARD ASSEMBLY, Rate comparison .....	AR		PAODLT
			buffer (See FIG. 27)			
	61864060-009	04939	. . CIRCUIT CARD ASSEMBLY, Transition encoder ....	AR		PAODLT
			and timing recovery (See FIG. 28)			
	61864070-009	04939	. . CIRCUIT CARD ASSEMBLY, Voice encoder .....	AR		PAODLT
			(See FIG. 29)			
	61864090-009	04939	. . CIRCUIT CARD ASSEMBLY, Smoothing .....	AR		PAODLT
			buffer (See FIG. 30)			
	61864130009	04939	. . CIRCUIT CARD ASSEMBLY, Transition decoder ....	AR		PAODLT
			(See FIG. 31)			
	61864140-009	04939	. . CIRCUIT CARD ASSEMBLY, Voice decoder .....	AR		PAODLT
			(See FIG. 32)			
	61864160409	04939	. . CIRCUIT CARD ASSEMBLY, Narrow band .....	AR		PAODLT
			smoothing buffer (See FIG. 33)			
-31	61867000-009	04939	. . CONNECTOR KIT ASSEMBLY .....	AR		XB
	61867000-019	04939	. . CONNECTOR KIT ASSEMBLY .....	AR		XB
-32	33449-1	95712	. . . CONNECTOR, Plug (04939 spec cont .....	AR		PAOZZN
			dwg 61814264-001)			
-33	MS476E14-19S	96906	. . . CONNECTOR .....	AR		PAOZZN
-34	M83723-15S-14	96906	. . . BACKSHELL .....	AR		PAOZZN
-35	61861700-009	04939	. CABLE ASSEMBLY, Power, electrical (See FIG. 19) ..	1		AOOOO

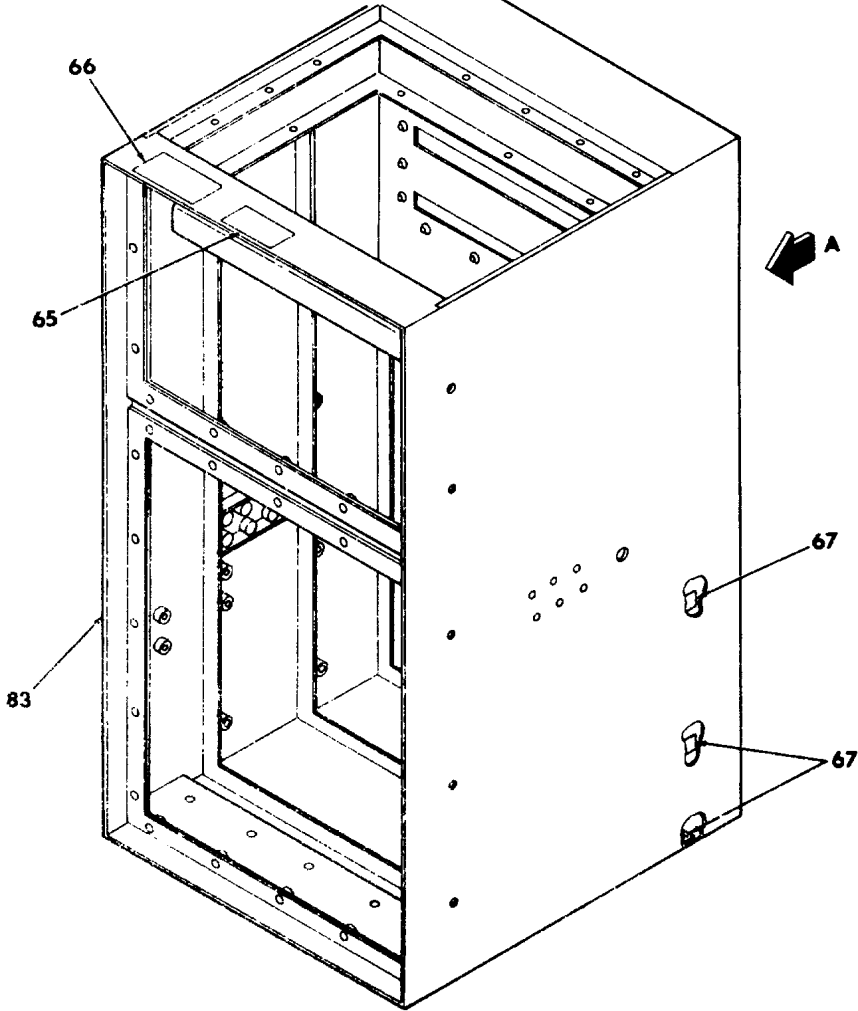
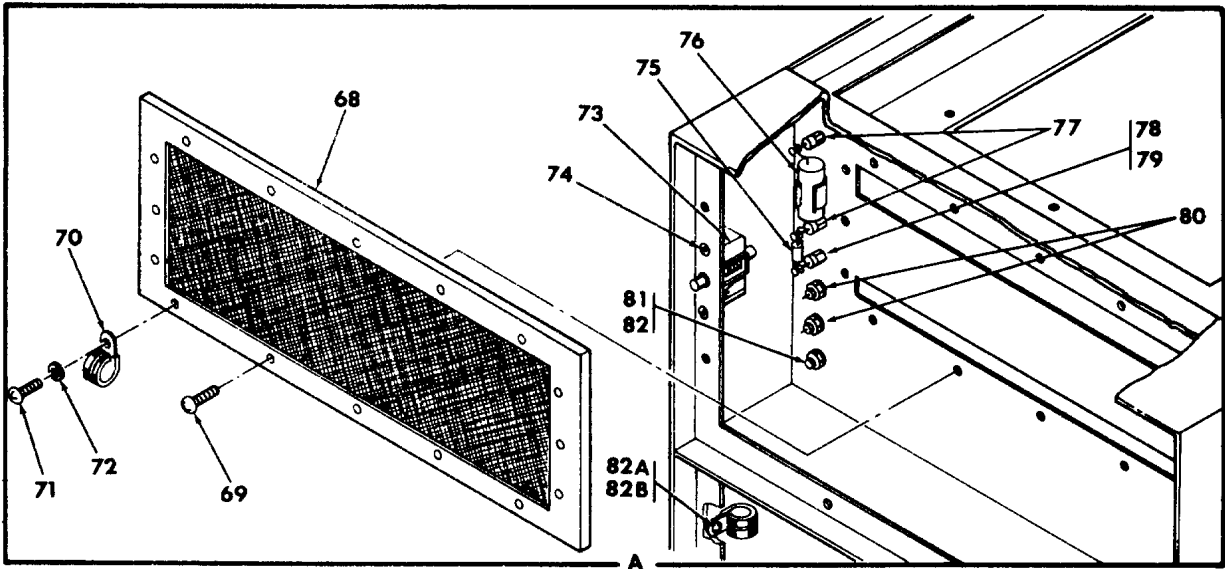
**Change 2 2-3**





**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR
				PER ASSY	ON CODE	CODE
1/2-	61860000-009	04939	MULTIPLEXER ASSEMBLY, AN/GSC-24(V) .....	REF		
-36	61862000-009	04939	. CARD FILE ASSEMBLY (See FIG. 18) .....	REF		AFF FDP
-37	MS35206-227	96906	. SCREW (AP).....	4		PAOZZN
-38	AN960-6L	88044	. WASHER (AP) .....	4		PAOZZN
-39	MS35206-242	96906	. SCREW (AP) .....	10		PAOZZN
-40	AN960-8L	88044	. WASHER (AP) .....	10		PAOZZN
-41	MS35206-230	96906	. SCREW (AP) .....	4		PAOZZN
-42	AN960-6L	88044	. WASHER (AP) .....	4		PAOZZN
-43	61860008-001	04939	. SHIELDING GASKET, Electronic .....	1		XB
-44	61861002-001	04939	. SHIELDING GASKET, Electronic .....	1		XB
-45	MS39087-1	96906	. HANDLE .....	4		PADZZN
-46	MS24693S273	96906	. SCREW (AP) .....	8		PADZZN
-47	61860014-002	04939	. BRACKET, Angle .....	2		XB
-48	MS35206-262	96906	. SCREW (AP) .....	12		PAOZZN
-49	CTHRD 220	23481	. SLIDE, Drawer extension (04939 spec cont dwg .....	1		PBOZZN
			61814273-001)			
-50	SH637	23481	. SCREW, Pivot (04939 spec cont .....	2		PAOZZN
			dwg 61814273-001).....			
-51	MS35650-302	96906	. NUT (AP) .....	4		PAOZZN
	MS35307-261	96906	. SCREW (AP) .....	12		PAOZZN
	MS35333-39	96906	. WASHER (AP) .....	12		PAOZZN
-52	MS21919DG7	96906	. CLAMP .....	4		PAOZZN
-53	MS35207-261	96906	. SCREW (AP) .....	4		PAOZZN
	AN960-10L	88044	. WASHER (AP) .....	4		PAOZZN
-54	61860011-009	04939	. BRACKET ASSEMBLY, Card file .....	1		XB
-55	MS35206-227	96906	. SCREW (AP).....	2		PAOZZN
	AN960-6L	88044	. WASHER (AP) .....	2		PAOZZN
-56	MF7200-06	15653	. . NUT, Clinch (04939 spec cont dwg. ....	4		PAOZZN
			61814208-001)			
-57	61860011-001	04939	. . ANGLE.....	1		XB
-58	MS21919DG7	96906	. CLAMP .....	1		PAOZZN
-59	MS35206-228	96906	. SCREW (AP) .....	1		PAOZZN
	AN960-6L	88044	. WASHER (AP) .....	1		PAOZZN
-60	MS21919DG7	96906	. CLAMP .....	1		PAOZZN
-61	MS35206-228	96906	. SCREW (AP) .....	1		PAOZZN
	AN960-6L	88044	. WASHER (AP) .....	1		PAOZZN
-62	MS25080-4	96906	. TERMINAL .....	1		PADZZN
-63	MS25082C4	96906	. NUT (AP) .....	2		PADZZN
-64	MS35333-74	96906	. WASHER (AP) .....	2		PADZZN
-64A	AN960-416	88044	. WASHER (AP) .....	3		PAOZZN



6186-3A

Figure 1. Multiplexer Assembly AN/GSC-24(V) (Sheet 3 of 4)

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR
				PER ASSY	ON CODE	CODE
1/3-	61860000-009	04939	MULTIPLEXER ASSEMBLY, AN/GSC-24(V) .....	REF		
-65	61860013-001*	04939	. PLATE, Identification .....	1		XB
-66	61860019-001*	04939	. PLATE, Instruction lifting label.....	1		XB
-67	61814325-001	04939	. PLATE, Mounting .....	3		XB
-68	61861050-001	04939	. FILTER, Air-rear exhaust .....	1		PBOZZN
-69	MS35206-235	96906	. SCREW (AP) .....	15		PAOZZN
-70	MS21919DG2	96906	. CLAMP .....	1		PAOZZN
-71	MS35206-235	96906	. SCREW (AP).....	1		PAOZZN
-72	AN960-6L	88044	. WASHER (AP) .....	1		PAOZZN
-73	MS16106-5	96906	. SWITCH.....	1		PADZZN
-74	MS24693S24	96906	. SCREW (AP) .....	2		PADZZN
-75	RCR20G104JS	81349	. RESISTOR .....	1		PADZZN
-76	M14157-2-4094M	81349	. CAPACITOR .....	1		PADZZN
-77	SE099E05	81349	. TERMINAL .....	2		PADZZN
-78	MS17172-11	96906	. TERMINAL.....	1		PADZZN
-79	NAS6714	80205	. NUT (AP).....	1		PADZZN
	MS35333-36	96906	. WASHER (AP) .....	1		PADZZN
-80	9001-100-1018	12294	. FILTER, Radio frequency interference..... (04939 spec ceont dwg 61814254-001)	2		PADZZN
-81	MS25080-3	96906	. TERMINAL.....	1		PADZZN
-82	MS25082C3	96906	. NUT (AP) .....	1		PADZZN
	MS35333-73	96906	. WASHER (AP) .....	1		PADZZN
	AN960-1OL	88044	. WASHER (AP) .....	1		PAOZZN
-82A	MS21919DG7	96906	. CLAMP.....	1		PAOZZN
-82B	NAS671-8	80205	. NUT (AP).....	1		PAOZZN
	MS35338-100	96906	. WASHER (AP) .....	1		PAOZZN
	AN960-8L	88044	. WASHER (AP) .....	1		PAOZZN
	MS35206-245	96906	. SCREW (AP) .....	1		PAOZZN
-83	61860001-009	04939	. CASE, Multiplexer (See FIG. 2).....	1		XB

\*See Table 1-2.

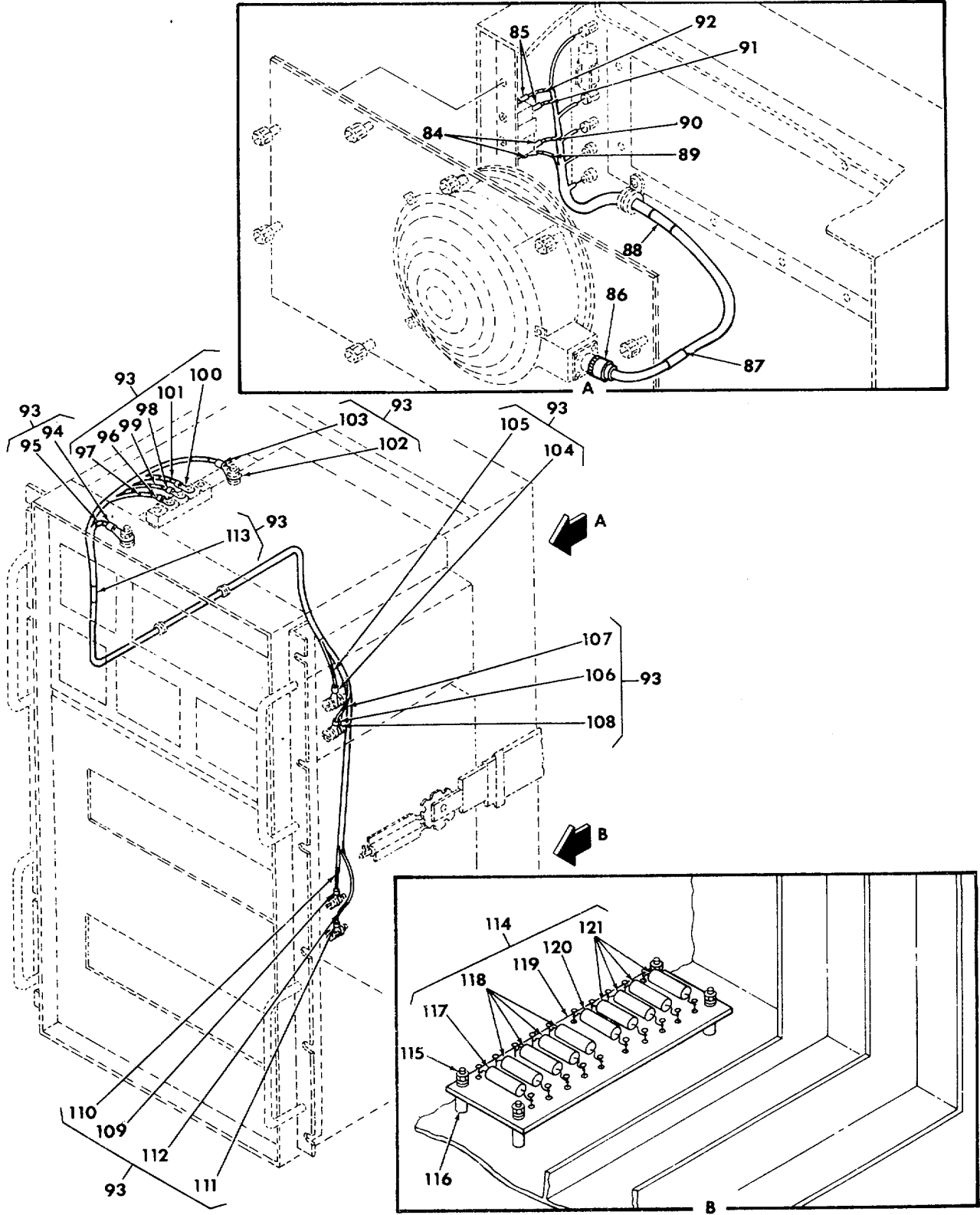
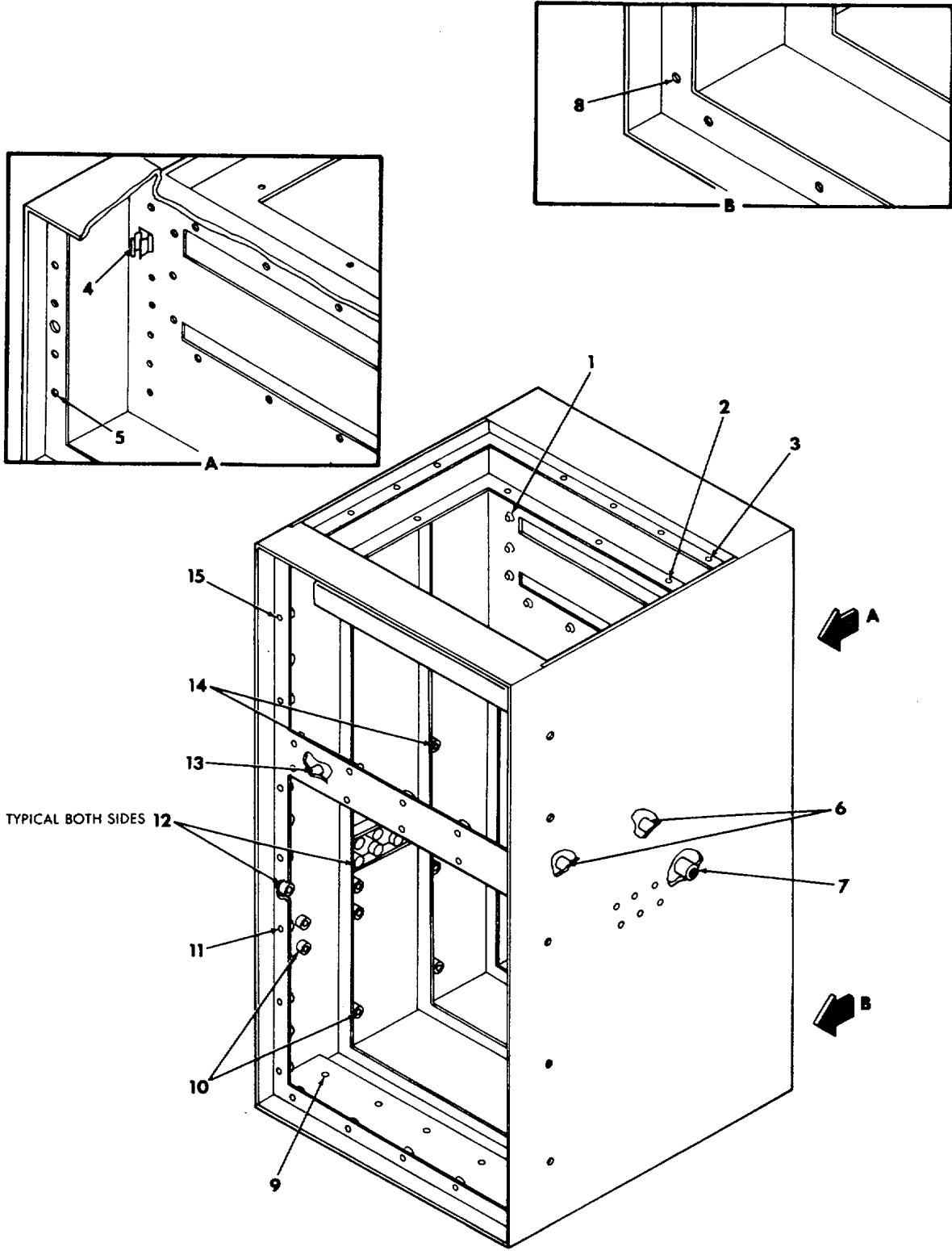


Figure 1. Multiplexer Assembly AN/GSC-24(V) (Sheet 4 of 4)

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
			1 2 3 4 5 6 7			
1/4-	61860000-009	04939	MULTIPLEXER ASSEMBLY, AN/GSC..... -24(V)	REF		
-84	MS25036-148	96906	. TERMINAL .....	2		PADZZN
-85	MS25036-148	96906	. TERMINAL .....	2		PADZZN
-86	MS3116F8-4S	96906	. CONNECTOR .....	1		PADZZN
-87	61860017-011	04939	. SLEEVE, Cable marker .....	1		XB
-88	61860017-012	04939	. SLEEVE, Cable marker .....	1		XB
-89	61860017-033	04939	. SLEEVE, Cable marker .....	1		XB
-90	61860017-034	04939	. SLEEVE, Cable marker .....	1		XB
-91	61860017-035	04939	. SLEEVE, Cable marker .....	1		XB
-92	61860017-036	04939	. SLEEVE, Cable marker .....	1		XB
-93	61861300-009	04939	. WIRING HARNESS, Branched-dc power .....	1		ADDDDT
-94	MS25036-123	96906	. . TERMINAL .....	2		PADZZN
-95	61860017-002	04939	. . SLEEVE, Cable marker .....	1		XB
-96	MS25036-107	96906	. . TERMINAL .....	4		PAOZZN
-97	61860017-005	04939	. . SLEEVE, Cable marker .....	1		XB
-98	MS25036-107	96906	. . TERMINAL .....	1		PAOZZN
-99	61860017-004	04939	. . SLEEVE, Cable marker .....	1		XB
-100	MS25036-107	96906	. . TERMINAL .....	1		PAOZZN
-101	61860017-003	04939	. . SLEEVE, Cable marker .....	1		XB
-102	MS25036-124	96906	. . TERMINAL .....	1		PADZZN
-103	61860017-001	04939	. . SLEEVE, Cable marker .....	1		XB
-104	MS25036-123	96906	. . TERMINAL .....	1		PADZZN
-105	61860017-006	04939	. . SLEEVE, Cable marker .....	1		XB
-106	MS25036-109	96906	. . TERMINAL .....	1		PADZZN
-107	61860017-007	04939	. . SLEEVE, Cable marker .....	1		XB
-108	MS25036-124	96906	. . TERMINAL .....	1		PADZZN
-109	MS25036-153	96906	. . TERMINAL .....	1		PAOZZN
-110	61860017-008	04939	. . SLEEVE, Cable marker .....	1		XB
-111	MS25036-153	96906	. . TERMINAL .....	1		PAOZZN
-112	61860017-018	04939	. . SLEEVE, Cable marker .....	1		XB
-113	61860017-010	04939	. . SLEEVE, Cable marker .....	1		XB
-114	61860025-009	04939	. CAPACITOR ASSEMBLY .....	1		PADZZN
-115	NAS671-4	80205	. NUT (AP) .....	4		PADZZN
	MS24693S8	96906	. SCREW (AP).....	4		PADZZN
	MS35338-97	96906	. WASHER (AP) .....	4		PAOZZN
	NAS620-4	80205	. WASHER (AP) .....	4		PADZZN
-116	NAS43DDO-16	80205	. SPACER (AP) .....	4		PAOZZN
-117	M39003-01-2265	81349	. . CAPACITOR .....	1		PADZZN
-118	M39003-01-2301	81349	. . CAPACITOR .....	4		PADZZN
-119	1100B-2SECTION	88245	. . TERMINAL BOARD (04939 spec cont..... dwg 61814329-001)	1		PADZZN
-120	M39003-01-2265	81349	. . CAPACITOR .....	1		PADZZN
-121	M39003-01-2301	81349	. . CAPACITOR .....	4		PADZZN



6186-5

Figure 2. Multiplexer Case Assembly

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	SMR CODE
2- -1	61860001-009 MF7200-06	04939 15653	CASE ASSEMBLY, Multiplexer (See FIG. 1 for NHA)REF . NUT SELF-LOCKING, Clinch (04939 spec cont ..... dwg 61814208-001)	16		PAOZZN
-2	MF7200-3	15653	. NUT SELF-LOCKING, Clinch (04939 spec cont ..... dwg 61814208-003)	8		PAOZZN
-3	MF7200-06	15653	. NUT SELF-LOCKING, Clinch (04939 spec cont ..... dwg 61814208-001)	18		PAOZZN
-4	MS17160-28	96906	. CLIP .....	1		PAOZZN
-5	MF7200-06	15653	. NUT SELF-LOCKING, Clinch (04939 spec cont ..... dwg 61814208-001)	10		PAOZZN
-6	MS21209F1-15	96906	. INSERT .....	2		PAOZZN
-7	MS21209F5-15	96906	. INSERT .....	2		PAOZZN
-8	MF7200-06	15653	. NUT SELF-LOCKING, Clinch (04939 spec cont ..... dwg 61814208-001)	22		PAOZZN
-9	MS21209C0615	96906	. INSERT .....	1		PAOZZN
-10	MS21209C0815	96906	. INSERT .....	10		PAOZZN
-11	MS21209C0615	96906	. INSERT .....	20		PAOZZN
-12	MS21209F1-15	96906	. INSERT .....	22		PAOZZN
-13	MS21209C0615	96906	. INSERT .....	4		PAOZZN
-14	MS21209F1-15	96906	. INSERT .....	2		PAOZZN
-15	MS21209C0615	96906	. INSERT .....	14		PAOZZN



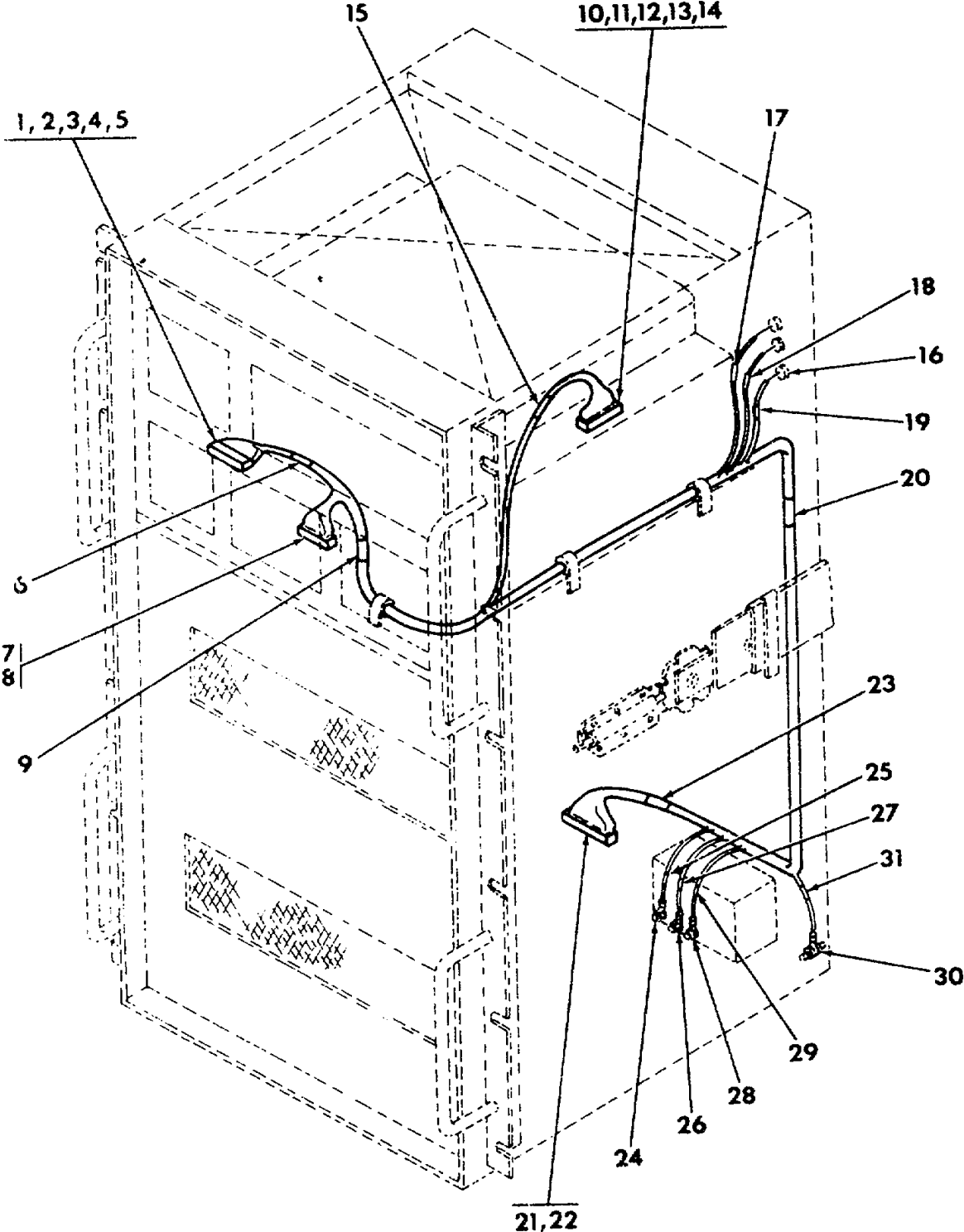
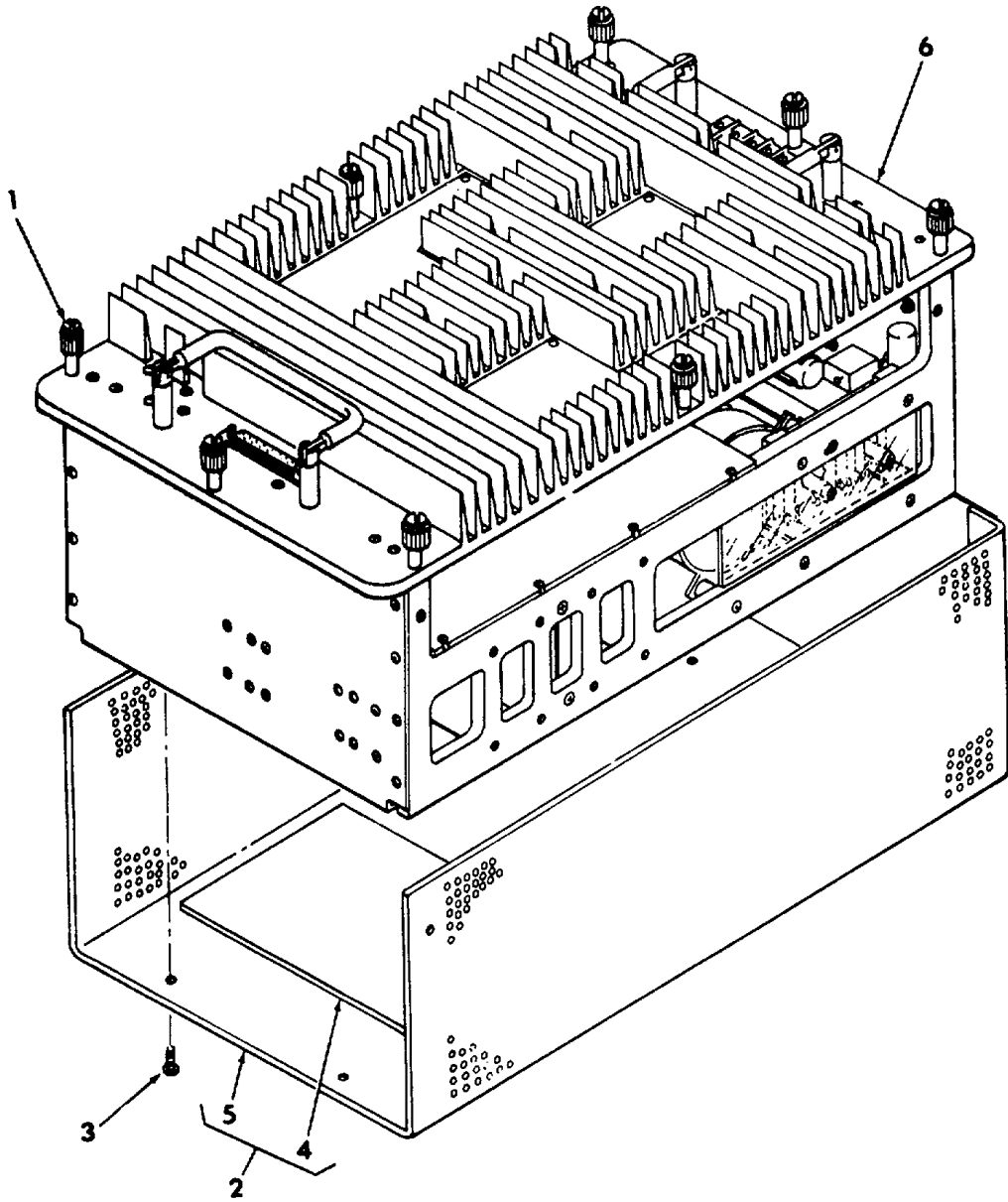


Figure 3. Main Frame Wiring Harness

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
3-	61860018-009	04939	WIRING HARNESS, Main frame .....	1		ADDDD
-1	DBMM9W4S	71468	. CONNECTOR, Receptacle, electrical (04939 spec ..... cont dwg 61814298-001)	1		PADZZN
-2	D20419	71468	. FASTENER, Screwlock, male (AP) (04939 spec ..... cont dwg 61814269-001)	1		PADZZN
-3	MS18281-1	96906	. . CONTACT .....	5		PADZZN
-4	DM53744-24	71468	. CONTACT, Electrical, socket-power (04939 spec ..... cont dwg 61814302-001)	4		PADZZN
-5	34138	00779	. SPLICE, Conductor (04939 spec cont dwg..... 61814321-002)	1		PADZZN
-6	61860017-013	04939	. SLEEVE, Cable marker .....	1		XB
-7	M24308-2-5	81349	. CONNECTOR .....	1		PADZZN
-8	D20420	71468	. FASTENER, Screwlock, male (AP) (04939 spec ..... cont dwg 61814269-002)	2		PADZZN
-9	61860017-014	04939	. SLEEVE, Cable marker .....	1		XB
-10	DBMAM13W3S	71468	. CONNECTOR, Receptacle, electrical (04939 spec ..... cont dwg 61814296-001)	1		PADZZN
-11	D53018-5	71468	. SLIDING LOCK POST (AP) (04939 spec ..... cont dwg. 61814218-001)	2		PADZZN
-12	M24308-10-1	81349	. . CONTACT .....	10		PADZZN
-13	DMA44353-1	71468	. CONTACT, Electrical, socket-power (04939 spec ..... cont dwg 61814300-001)	3		PADZZN
-14	34137	00779	. SPLICE, Conductor (04939 spec cont dwg..... 61814321-001)	1		PADZZN
-15	61860017-015	04939	. SLEEVE, Cable marker .....	1		XB
-16	MS25036-103	96906	. TERMINAL .....	1		PADZZN
-17	61860017-020	04939	. SLEEVE, Cable marker .....	1		XB
-18	61860017-021	04939	. SLEEVE, Cable marker .....	1		XB
-19	61860017-025	04939	. SLEEVE, Cable marker .....	1		XB
-20	61860017-028	04939	. SLEEVE, Cable marker .....	1		XB
-21	M24308-2-5	81349	. CONNECTOR .....	1		PADZZN
-22	D20420	71468	. FASTENER, Screwlock, male (AP) (04939 spec ..... cont dwg 61814269-002)	2		PADZZN
-23	61860017-027	04939	. SLEEVE, Cable marker .....	1		XB
-24	MS25036-108	96906	. TERMINAL .....	1		PADZZN
-25	61860017-022	04939	. SLEEVE, Cable marker .....	1		XB
-26	MS25036-108	96906	. TERMINAL .....	2		PADZZN
-27	61860017-023	04939	. SLEEVE, Cable marker .....	1		XB
-28	MS25036-103	96906	. TERMINAL .....	1		PADZZN
-29	61860017-024	04939	. SLEEVE, Cable marker .....	1		XB
-30	MS25036-154	96906	. TERMINAL .....	1		PADZZN
-31	61860017-026	04939	. SLEEVE, Cable marker .....	1		XB

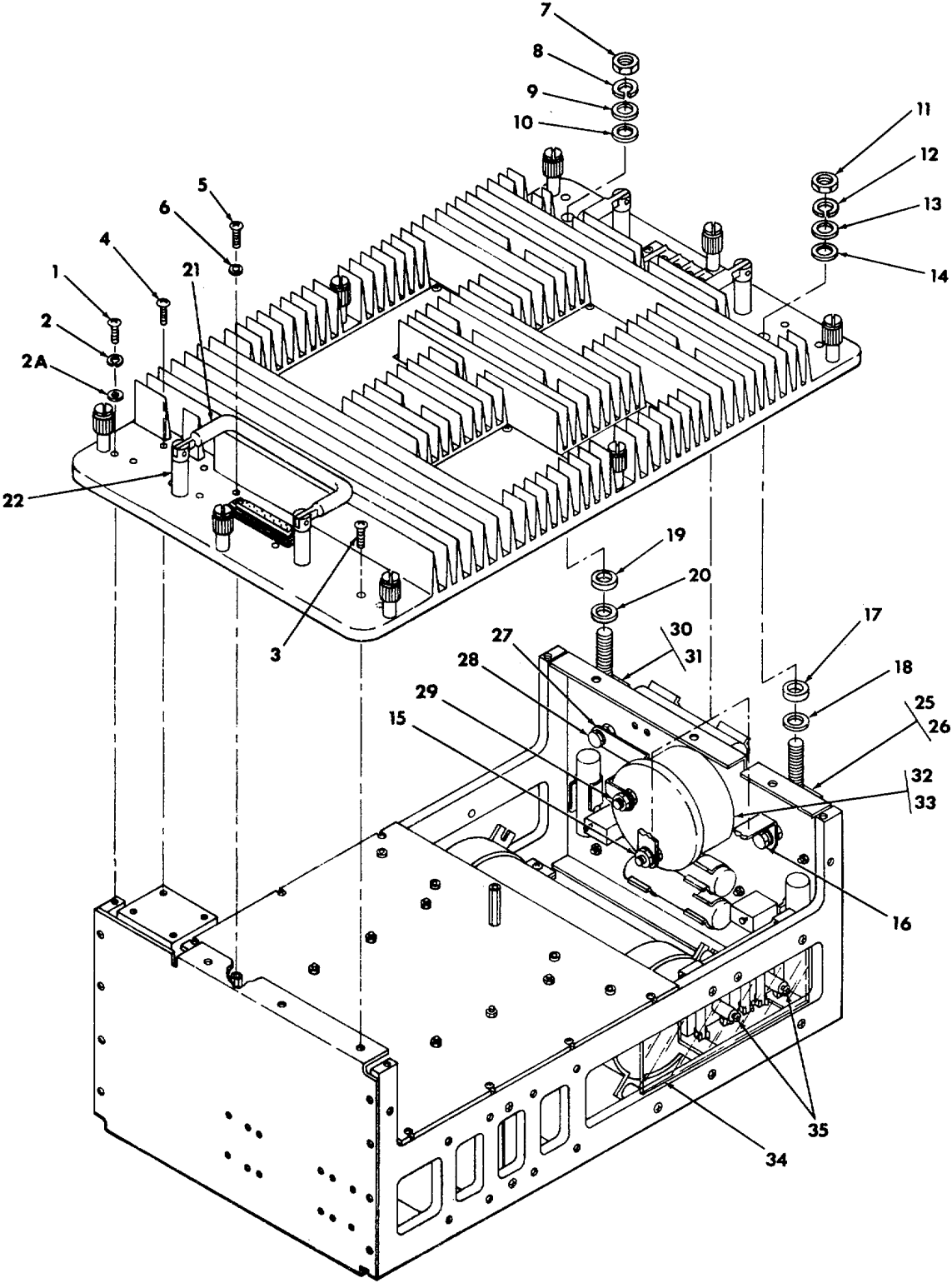


6186-7

Figure 4. Power Supply Assembly

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR
				PER ASSY	ON CODE	CODE
4-	61363000-009	04939	POWER SUPPLY ASSEMBLY (See FIG. 1 for NHA) .....	REF		
-1	DRB7500-10D5	08524	SCREW, Captive (AP) (04939 spec cont ..... dwg 61814280-001)	8		PAOZZN
-2	61863200-009	04939	. COVER ASSEMBLY, Power supply .....	1		XB
-3	MS24693S26	96906	. SCREW (AP) .....	8		PADZZN
-4	61863201-001	04939	. . CUSHION, Rubber .....	1		MD
-5	618632004)01	04939	. . COVER .....	1		XB
-6	61863100-009	04939	. CHASSIS ASSEMBLY, Power supply (See FIG. 5) .....	1		ADDDLT



6186-88

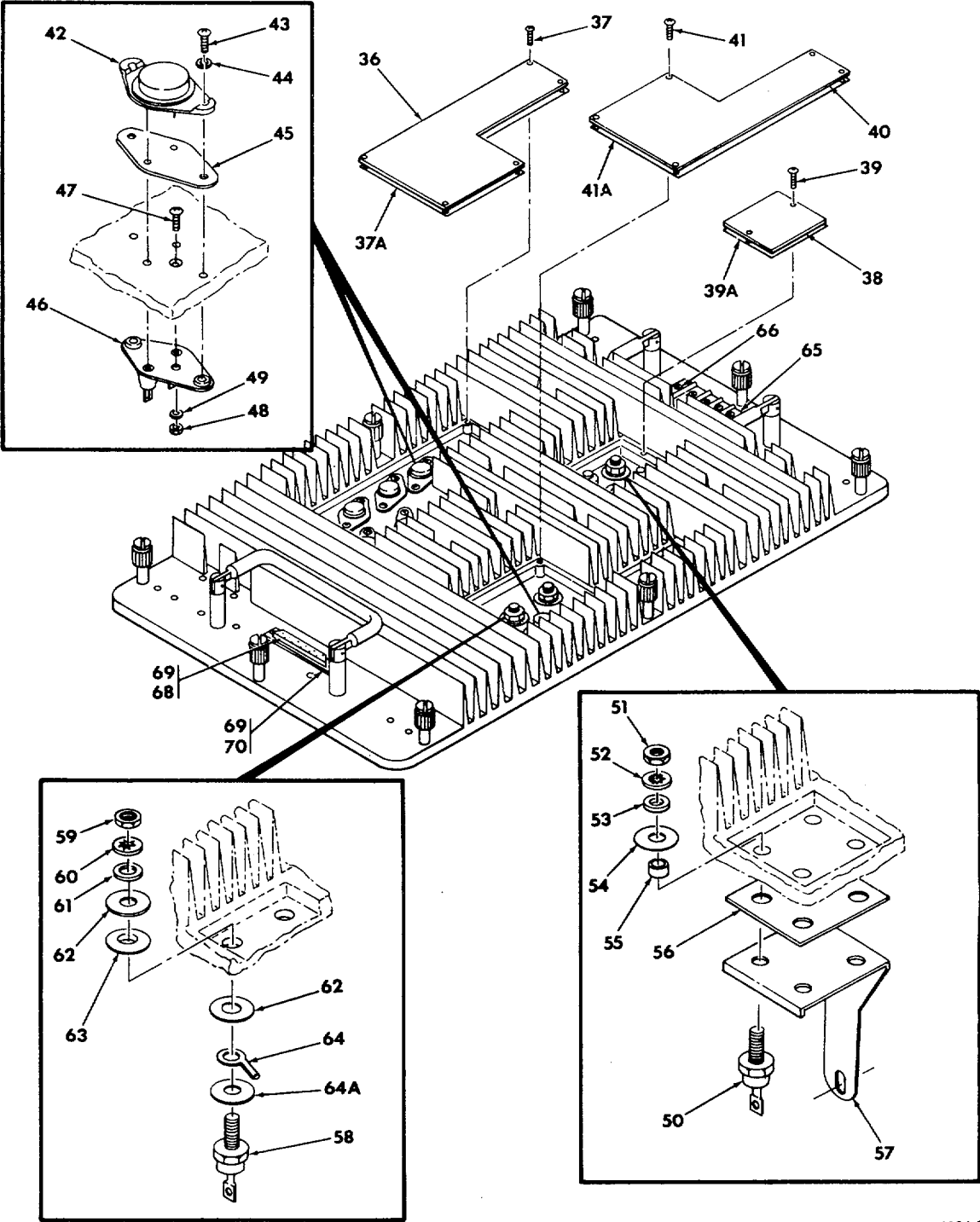
Figure 5. Power Supply Chassis Assembly (Sheet 1 of 4)

Change 2 2-16

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
5/1-	61863100-009	04939	CHASSIS ASSEMBLY, Power supply (See FIG. 4 for NHA)	REF		
-1	MS35206-246	96906	SCREW (AP) .....	4		PADZZN
-2	MS35338-99	96906	WASHER (AP) .....	4		PADZZN
-2A	AN960C8L	88044	WASHER (AP) .....	4		PADZZN
-3	MS35206-246	96906	SCREW (AP) .....	6		PADZZN
-4	MS35206-246	96906	SCREW (AP) .....	4		PADZZN
-5	MS35206-230	96906	SCREW (AP) .....	2		PAOZZN
-6	MS35338-98	96906	WASHER (AP) .....	2		PADZZN
-7	AN315-4R	88044	NUT (AP) .....	1		PAOZZN
-8	MS35338-101	96906	WASHER (AP) .....	1		PAOZZN
-9	AN960-416	88044	WASHER (AP) .....	1		PAOZZN
-10	21F24	06413	INSULATOR, Bushing (AP) (04939 spec cont..... dwg 61814216-002)	1		XB
-11	AN315-5R	88044	NUT (AP) .....	1		PAOZZN
-12	MS35338-102	96906	WASHER (AP) .....	1		PAOZZN
-13	AN960-516	88044	WASHER (AP) .....	1		PAOZZN
-14	21F2-5	06413	INSULATOR, Bushing (AP) (04939 spec cont ..... dwg 61814216-003)	1		XB
-15	MS25082-4	96906	. NUT .....	1		PADZZN
	MS35338-101	96906	. WASHER .....	1		PAOZZN
	AN3154R	88044	. NUT .....	1		PAOZZN
	AN960-416	88044	. WASHER .....	2		PAOZZN
-16	AN4-6A	88044	. SCREW (AP).....	1		PADZZN
	MS35338-101	96906	. WASHER (AP) .....	1		PAOZZN
	AN960416	88044	. WASHER (AP) .....	2		PAOZZN
	NAS549G416	80205	. WASHER (AP) .....	1		PADZZN
	24A5-428-050	06413	. INSULATOR, Washer (AP) (04939 spec cont ..... dwg 61814214-001)	1		XB
-17	21F2-5	06413	INSULATOR, Bushing (AP) (04939 spec cont ..... dwg 61814216-003)	1		XB
-18	AN960-516	88044	WASHER (AP) .....	1		PAOZZN
-19	21F2-4	06413	INSULATOR, Bushing (AP) (04939 spec cont ..... dwg 61814216-002)	1		XB
-20	AN960416	88044	WASHER (AP) .....	1		PAOZZN
-21	2720-1	71279	. HANDLE, Folding (04939 spec cont dwg..... 61814231-001)	2		PADZZN
-22	61863310-001	04939	. SPACER, Handle (AP) .....	4		XB
	MS24693S273	96906	. SCREW (AP) .....	4		PADZZN
-23			DELETED			
-24			DELETED			
-25	61863103-002	04939	. TERMINAL, Stud.....	1		PADZZN
-26	61863303-002	04939	. INSULATOR, Plate .....	1		XB
-27	61863109-001	04939	. BRACKET, Choke bus .....	1		XB
-28	AN4-6A	88044	. SCREW (AP).....	1		PADZZN
	MS35338-101	96906	. WASHER (AP) .....	1		PAOZZN
	AN960-416	88044	. WASHER (AP) .....	2		PAOZZN
	NAS549G416	80205	. WASHER (AP) .....	1		PADZZN
	24A5-428-050	06413	. INSULATOR, Washer (AP) (04939 spec cont ..... dwg 61814214-001)	1		XB
-29	MS250824	96906	. NUT (AP) .....	1		PADZZN
	MS35338-101	96906	. WASHER (AP) .....	1		PAOZZN
	AN315-4R	88044	. NUT (AP) .....	1		PAOZZN
	AN960-416	88044	. WASHER (AP) .....	2		PAOZZN
-30	61863103-001	04939	. TERMINAL, Stud .....	1		PADZZN
-31	61863303-001	04939	. INSULATOR, Plate (AP) .....	1		XB
-32	78H429	21811	. REACTOR, Power (04939 spec cont dwg ..... 618141824001)	1		PADZZN
-33	MS35206-264	96906	. SCREW (AP).....	1		PADZZN
	AN960-10	88044	. WASHER (AP) .....	1		PADZZN
	MS35338-100	96906	. WASHER (AP) .....	1		PAOZZN
-34	61863317-001	04939	. COVER, Access .....	1		PADZZN
-35	MS24693S25	96906	. SCREW (AP).....	2		PADZZN

Change 2 2-17



6186-9A

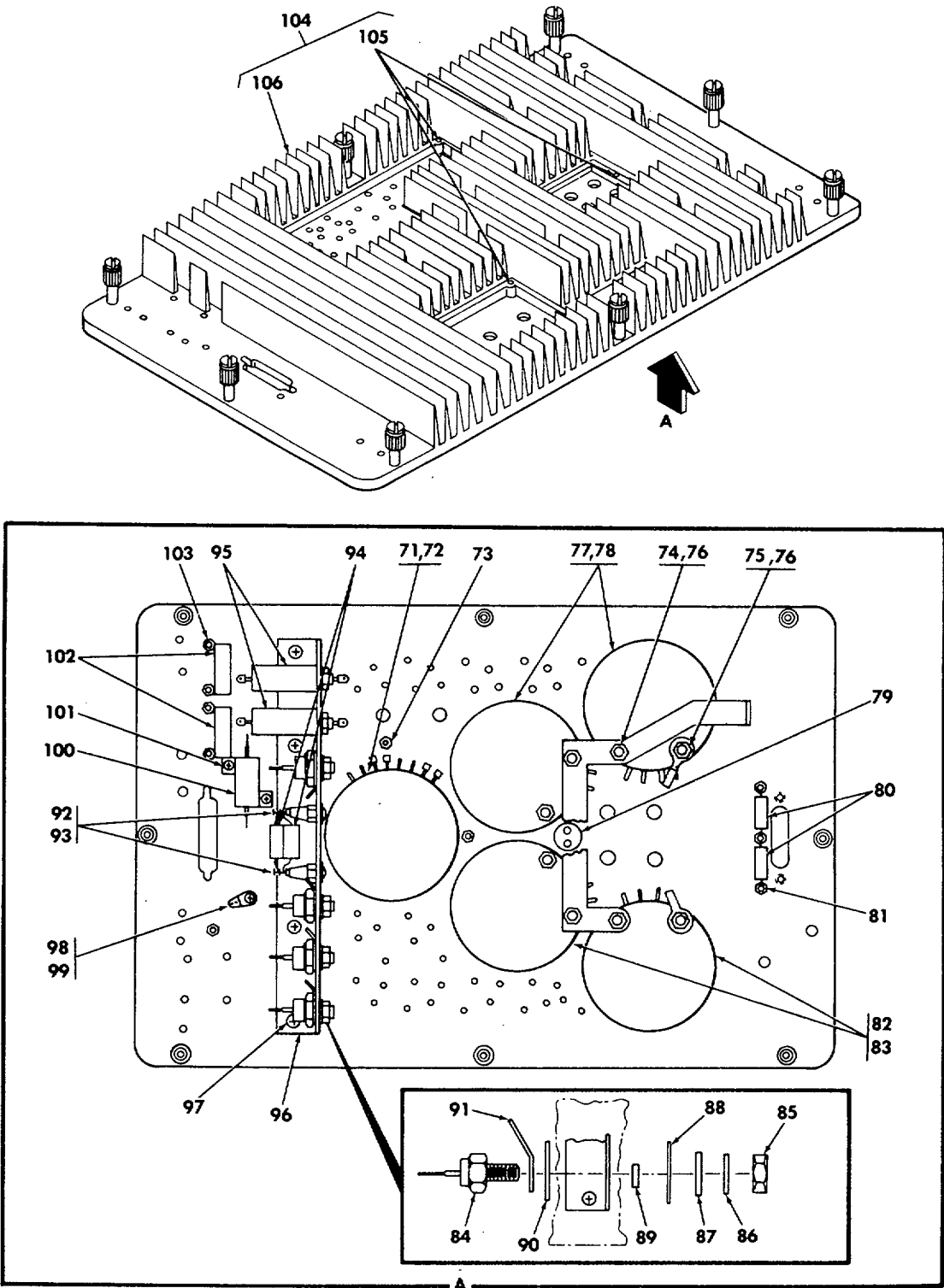
Figure 5. Power Supply Chassis Assembly (Sheet 2 of 4)

Change 1 2-18

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
			1 2 3 4 5 6 7			
5/2-	61863100-009	04939	CHASSIS ASSEMBLY, Power supply (See FIG. 4..... for NHA)	REF		
-36	61863104-001	04939	. COVER, Transistor .....	1		XB
-37	MS35206-228	96906	. SCREW (AP) .....	5		PAOZZN
-37A	61863321-001	04939	. GASKET, Transistor cover .....	1		PADZZN
-38	61863108-001	04939	. COVER, Diode .....	1		XB
-39	MS35206-228	96906	. SCREW (AP) .....	2		PAOZZN
-39A	61863322-001	04939	. GASKET, Diode cover .....	1		PADZZN
-40	61863104-002	04939	. COVER, Transistor .....	1		XB
-41	MS35206-228	96906	. SCREW (AP) .....	5		PAOZZN
-41A	61863321-001	04939	. GASKET, Transistor cover .....	1		PADZZN
-42	61814070-001	04939	. TRANSISTOR, NPN, silicon, power, high voltage .....	10		PADZZN
-43	MS35206-232	96906	. SCREW (AP) .....	20		PADZZN
-44	MS35338-98	96906	. WASHER (AP) .....	20		PADZZN
-45	495320	79089	. INSULATOR, Plate (AP) (04939 spec cont .....	10		PADZZN
			dwg 61814331-001)			
-46	MD3452G	06776	. SOCKET, Plug-in, electronic component (04939 spec ..	10		PADZZN
			cont dwg 61814188-001)			
-47	MS24693S8	96906	. SCREW (AP) .....	10		PADZZN
-48	MS21042-04	96906	. NUT (AP) .....	10		PAOZZN
-49	NAS620-C4	80205	. WASHER (AP) .....	10		PADZZN
-50	JANTX1N3909	81349	. DIODE .....	4		PADZZN
-51	MS25082-C4	96906	. NUT (AP) .....	4		PADZZN
-52	MS35333-74	96906	. WASHER (AP) .....	4		PADZZN
-53	MS27183-10	96906	. WASHER (AP) .....	4		PADZZN
-54	.75X.25	08530	. INSULATOR, Washer (AP) (04939 spec .....	4		PADZZN
			cont dwg 61814330-001)			
-55	61863309-001	04939	. INSULATOR, Bushing .....	4		XB
-56	61863302-001	04939	. INSULATOR, Plate.....	1		XB
-57	61863106-001	04939	. BRACKET, Diode bus .....	1		XB
-58	JANTXIN3910	81349	. DIODE .....	2		PADZZN
-59	MS25082-C4	96906	. NUT (AP) .....	2		PADZZN
-60	MS35333-74	96906	. WASHER (AP) .....	2		PADZZN
-61	AN960C416L	88044	. WASHER (AP) .....	2		PADZZN
-62	24A5-428-050	06413	. INSULATOR, Washer (AP) (04939 spec .....	4		XB
			cont dwg 61814214-001)			
-63	21F2-4	06413	. INSULATOR, Bushing (AP) (04939 spec .....	2		XB
			cont dwg 61814216-002)			
-64	20214	06540	. TERMINAL (04939 spec ..... cont dwg 61814233-001)	2		PADZZN
-64A	.875X.281	08530	. INSULATOR, Washer (AP) (04939 spec .....	2		PADZZN
			cont dwg 61814330-002)			
-65	1696-3	75382	. TERMINAL BOARD (04939 spec cont dwg.....	1		XB
			61814279-001)			
-66	MS35206-247	96906	. SCREW (AP) .....	2		PAOZZN
	MS35338-99	96906	. WASHER (AP) .....	2		PADZZN
-67	DBMAM13W3P	71468	. CONNECTOR, Plug, electrical (04939 spec cont .....	1		PADZZN'
			dwg 61814275-001)			
-68	DMA44350-1	71468	. CONTACT, Electrical, pin-power, solder, removable .....	3		PADZZN
			(AP) (04939 spec ..... cont dwg 61814299-001)			
-69	DB51221-1	71468	. RETAINER, Electrical connector (04939 spec cont .....	1		PADZZN
			dwg 61814219-001)			
-70	MS25206-215	96906	. SCREW (AP).....	2		PAOZZN
	MS35338-40	96906	. WASHER (AP) .....	2		PADZZN
	NAS671-4	80205	. NUT (AP) .....	2		PADZZN
	NAS620C4L	80205	. WASHER (AP) .....	2		PADZZN





6186-10A

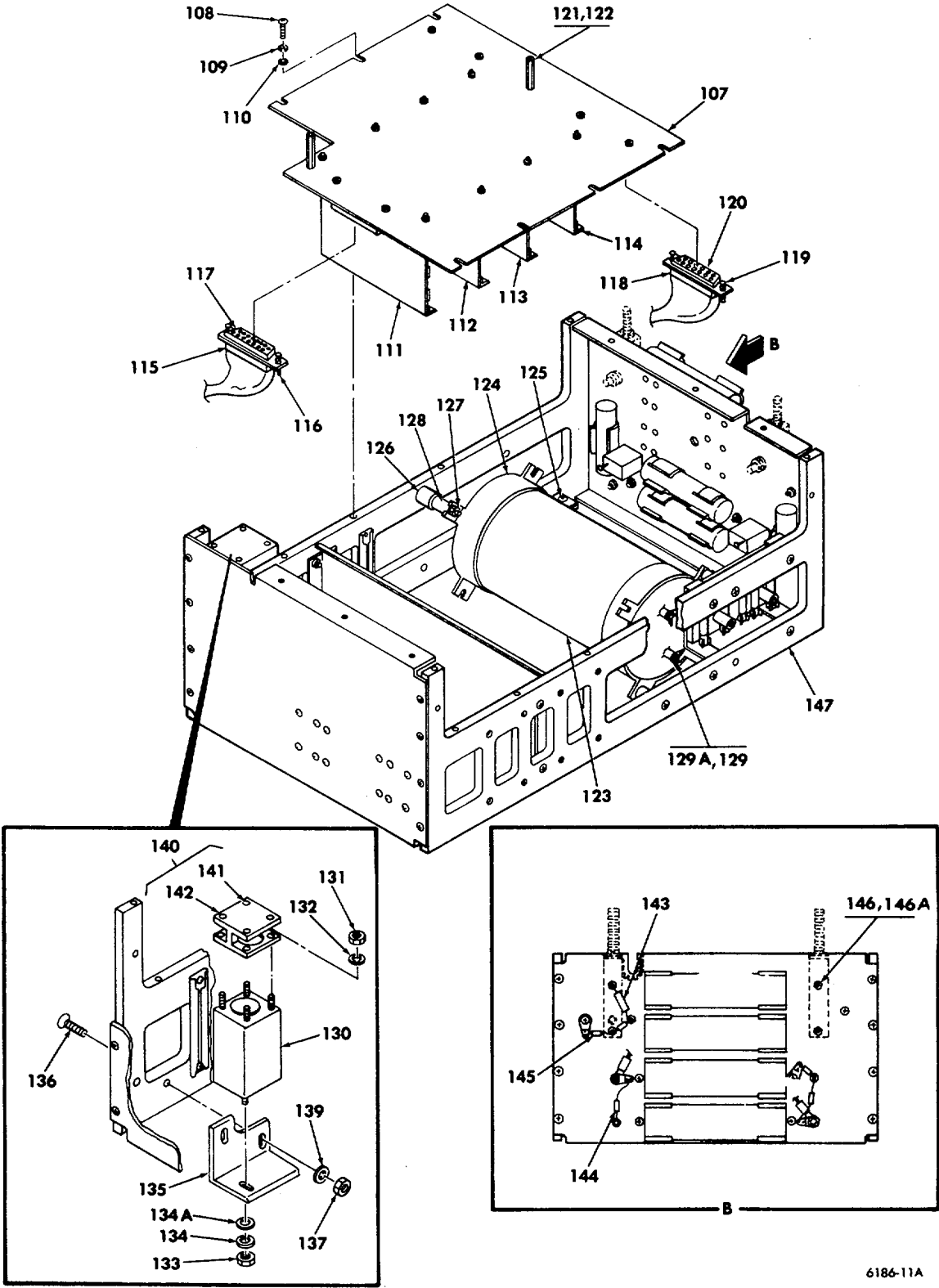
Figure 5. Power Supply Chassis Assembly (Sheet 3 of 4)

Change 1 2-20

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	SMR CODE
5/3-	61863100-009	04939	. CHASSIS ASSEMBLY, Power supply (See FIG. 4 REF for NHA)			
-71	78H433	21811	. TRANSFORMER, Power step-down (04939 spec cont. dwg 61814183-002)	1		PADZZN
-72	MS35207-264	96906	. SCREW (AP).....	1		PADZZN
	MS35338-100	96906	. WASHER (AP) .....	1		PAOZZN
-73	SE219E03	81349	. TERMINAL .....	1		PADZZN
-74	61863323-001	04939	. BRACKET, Transformer bus .....	1		XB
-75	MS25036-153	96906	. TERMINAL .....	4		PAOZZN
-76	MS25082-2	96906	. NUT (AP) .....	12		PADZZN
	AN960-8L	88044	. WASHER (AP) .....	18		PADZZN
	MS35338-99	96906	. WASHER (AP) .....	12		PADZZN
-77	78H432	21811	. TRANSFORMER, Power step-down (04939 spec cont. dwg 61814183-001)	2		PADZZN
-78	MS35207-264	96906	. SCREW (AP) .....	2		PADZZN
	MS35338-100	96906	. WASHER (AP) .....	2		PAOZZN
-79	M24236-1-0884	81349	. SWITCH .....	1		PADZZN
-80	M39003-01-2306	81349	. CAPACITOR .....	2		PADZZN
-81	SE219E03	81349	. TERMINAL .....	3		PADZZN
-82	78H-432	21811	. TRANSFORMER, Power stepdown (04939 spec cont .. dwg 61814183-001)	2		PADZZN
-83	MS35207-264	96906	. SCREW (AP) .....	2		PADZZN
	MS35338-100	96906	. WASHER (AP) .....	2		PAOZZN
-84	JANTX1N1188	81349	. DIODE .....	4		PADZZN
-85	MS25082C4	96906	. NUT (AP) .....	4		PADZZN
-86	MS35333-74	96906	. WASHER (AP) .....	4		PADZZN
-87	MS27183-10	96906	. WASHER (AP) .....	4		PADZZN
-88	.875X.281	08530	. INSULATOR, Washer (04939 spec cont dwg .. 61814330-002)	4		PADZZN
-89	24A5-428-050	06413	. INSULATOR, Washer (04939 spec cont dwg .. 61814214-001)	4		XB
-90	.875X.281	08530	. INSULATOR, Washer (04939 spec cont dwg .. 61814330-002)	4		PADZZN
-91	20214	06540	. TERMINAL (04939 spec cont ..... dwg 61814233-001)	4		PADZZN
-92	SE20XD02	81349	. TERMINAL .....	2		PADZZN
-93	MS35206-214	96906	. SCREW (AP).....	2		PADZZN
	MS35333-36	96906	. WASHER (AP) .....	2		PADZZN
-94	RCR42G333JS	81349	. RESISTOR .....	2		PADZZN
-95	LP42C2D564K	01884	. CAPACITOR, Fixed, plastic dielectric (04939..... spec cont dwg 61814311-001)	2		PADZZN
-96	61863102-001	04939	. BRACKET, Diode .....	1		XB
-97	MS35206-245	96906	. SCREW (AP) .....	5		PAOZZN
	MS35338-99	96906	. WASHER (AP) .....	5		PADZZN
-98	MS77068-2	96906	. TERMINAL .....	1		PADZZN
-99	MS35206-228	96906	. SCREW (AP).....	1		PAOZZN
	MS35338-98	96906	. WASHER (AP) .....	1		PADZZN
-100	RER70FR100P	81349	. RESISTOR .....	1		PADZZN
-101	MS35206-205	96906	. SCREW (AP) .....	2		PADZZN
	MS35338-96	96906	. WASHER (AP) .....	2		PADZZN
-102	C1213	29525	. REACTOR (04939 spec cont ..... dwg 61814308-001).	2		PADZZN
-103	SE219E03	81349	. TERMINAL .....	4		PADZZN
-104	61863101-009	04939	. HEAT SINK, Electrical-electronic component .....	1		XB
-105	MS21209C0615	96906	. . INSERT .....	12		PAOZZN
-106	61863101-001	04939	. . HEAT SINK, Casting .....	1		XB

**Change 2 2-21**



6186-11A

Figure 5. Power Supply Chassis Assembly (Sheet 4 of 4)

Change 1 2-22

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	SMR CODE
5/4-	61863100-009	04939	CHASSIS ASSEMBLY, Power supply (See FIG. 4..... for NHA)	REF		
-107	61863120-009	04939	. CIRCUIT CARD ASSEMBLY, Motherboard (See FIG.7)	1		PADDDT
-108	MS35206-228	96906	. SCREW (AP) .....	7		PAOZZN
-109	MS35338-98	96906	. WASHER (AP) .....	7		PADZZN
-110	NAS620C6	80205	. WASHER (AP) .....	7		PADZZN
-111	61863130-009	04939	. CIRCUIT CARD ASSEMBLY, ±12V Regulator (See..... FIG. 8)	1		PADDLT
-112	61863140-009	04939	. CIRCUIT CARD ASSEMBLY, +5V Regulator (See..... FIG. 9)	1		PADDLT
-113	61863160-009	04939	. CIRCUIT CARD ASSEMBLY, ±12V Driver (See FIG. 10)	1		PADDLT
-114	61863150-009	04939	. CIRCUIT CARD ASSEMBLY, +5V Driver (See FIG. 11)	1		PADDLT
-115	M24308-4-3	81349	. CONNECTOR .....	1		PADZZN
-116	D53018-5	71468	. SLIDING LOCK POST (AP) (04939 spec cont dwg ..... 61814218-001)	2		PADZZN
-117	M24308-22-3	81349	. SHELL.....	1		PADZZN
-118	M243084-3	81349	. CONNECTOR .....	2		PADZZN
-119	D53018-5	71468	. SLIDING LOCK POST (AP) (04939 spec cont dwg ..... 61814218-001)	4		PADZZN
-120	M24308-19-3	81349	. SHELL.....	2		PADZZN
-121	61863308-001	04939	. POST, Electrical-electronic component .....	2		XB
-122	MS35206-230	96906	. SCREW (AP) .....	2		PAOZZN
	MS35338-98	96906	. WASHER (AP) .....	2		PADZZN
	NAS620C6	80205	. WASHER (AP) .....	2		PADZZN
-123	M39018-04-0077	81349	. CAPACITOR .....	1		PADZZN
-124	61863305-001	04939	. RETAINER, Capacitor .....	2		XB
-125	MS35206-246	96906	. SCREW (AP) .....	2		PADZZN
	NAS671-8	80205	. NUT (AP) .....	2		PAOZZN
	MS35338-99	96906	. WASHER (AP) .....	2		PADZZN
-126	J6984-36	76005	. MOUNT, Resilient (04939 spec cont dwg 61814326-001)	4		PADZZN
-127	MS24693S50	96906	. SCREW (AP) .....	4		PADZZN
	AN960C8L	88044	. WASHER (AP) .....	4		PADZZN
	MS35338-99	96906	. WASHER (AP) .....	4		PADZZN
	NAS671-8	80205	. NUT (AP) .....	4		PAOZZN
-128	61863319-001	04939	. NUT .....	4		PADZZN
-129	MS770684	96906	. TERMINAL .....	4		PADZZN
-129A	MS35207-261	96906	. SCREW (AP) .....	2		PAOZZN
	MS35338-100	96906	. WASHER (AP) .....	2		PAOZZN
	AN960C10	88044	. WASHER (AP) .....	2		PADZZN
-130	APS367	80223	. TRANSFORMER, Power, step-down (04939 spec cont. dwg 61814179-001)	1		PADZZN
-131	NAS671-6	80205	. NUT (AP) .....	4		PADZZN
-132	MS35338-98	96906	. WASHER (AP) .....	4		PADZZN
-133	MS35649-202	96906	. NUT (AP) .....	1		PADZZN
-134	MS35338-100	96906	. WASHER (AP) .....	1		PAOZZN
-134A	AN960C10	88044	. WASHER (AP) .....	1		PADZZN
-135	61863318-001	04939	. BRACKET, Angle .....	1		PADZZN
-136	MS24693S52	96906	. SCREW (AP) .....	2		PADZZN
-137	MS21042-08	80205	. NUT (AP) .....	2		PAOZZN
-138			(DELETED)			
-139	AN960C8L	88044	. WASHER (AP) .....	2		PADZZN
-140	61863105-009	04939	. BRACKET ASSEMBLY, Transformer .....	1		XB
-141	MS21209C0820	96906	. . INSERT .....	4		PADZZN
-142	61863105-001	04939	. . BRACKET .....	1		XB
-143	M39014-02-1378	81349	. CAPACITOR .....	1		PADZZN
-144	M39003-01-2271	81349	. CAPACITOR .....	1		PADZZN
-145	RCR07G561JS	81349	. RESISTOR.....	1		PADZZN
-146	MS17172-8	96906	. TERMINAL.....	4		PADZZN
-146A	MS35333-36	96906	. WASHER .....	4		PADZZN
-147	61863110-009	04939	. FRAME ASSEMBLY, Power supply (See FIG. 6) .....	1		ADDDL

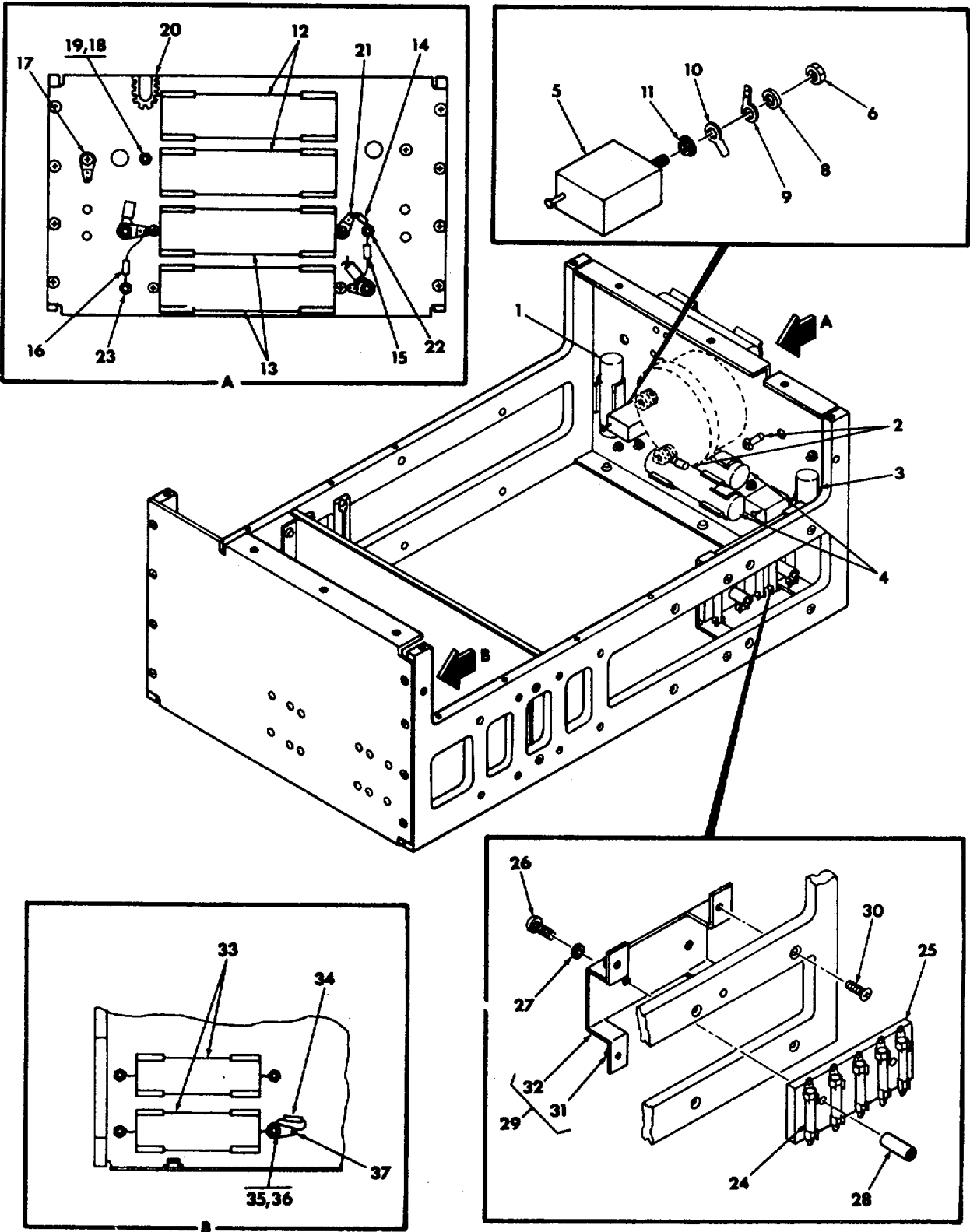


Figure 6. Power Supply Frame Assembly (Sheet 1 of 2)

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
6/1-	61863110-009	04939	FRAME ASSEMBLY, Power supply (See FIG. 5 ..... for NHA)	REF		
-1	M39018-03-0720	81349	. CAPACITOR .....	1		PADZZN
-2	MS25036-154	96906	. TERMINAL .....	2		PADZZN
-3	M39018-03-0720	81349	. CAPACITOR .....	1		PADZZN
-4	M39018-03-0722	81349	. CAPACITOR .....	2		PADZZN
-5	78H428	21811	. REACTOR, Power (04939 spee cont dwg 61814181-001	2		PADZZN
-6	MS21042-06	96906	. NUT (AP) .....	2		PAOZZN
-7			(DELETED)			
-8	AN9606	88044	. WASHER (AP) .....	2		PADZZN
-9	MS77068-2	96906	. TERMINAL .....	2		PADZZN
-10	MS25036-106	96906	. TERMINAL .....	2		PADZZN
-11	21F2-06	06413	. INSULATOR, Bushing (04939 spec cont dwg..... 61814216-005)	2		PAOZZN
-12	M39018-03-0709	81349	. CAPACITOR .....	2		PADZZN
-13	M39018-03-0725	81349	. CAPACITOR .....	2		PADZZN
-14	M39014-02-1378	81349	. CAPACITOR .....	1		PADZZN
-15	RCR07G152JS	81349	. RESISTOR .....	1		PADZZN
-16	RCR07G152JS	81349	. RESISTOR .....	1		PADZZN
-17	MS77068-2	96906	. TERMINAL .....	1		PADZZN
-18	SE109D02	81349	. TERMINAL .....	7		PADZZN
-19	MS35206-226	96906	. SCREW (AP).....	7		PADZZN
	MS35338-98	96906	. WASHER (AP) .....	5		PADZZN
	AN960-6	88044	. WASHER (AP) .....	7		PADZZN
-20	MS21266-2N	96906	. GROMMET .....	1		PAOZZN
-21	MS77068-2	96906	. TERMINAL .....	1		PADZZN
-22	021-2003-00-0-479	98291	. TERMINAL, Feed thru, insulated (04939 spec cont..... dwg 61814228001)	1		PADZZN
-23	021-2003-00-0-479	98291	. TERMINAL, Feed thru, insulated (04939 spec cont ..... dwg 61814228-001)	1		PADZZN
-24	FM03-250-2A	81349	. FUSE .....	5		PADZZN
-25	X6963	75915	. FUSEHOLDER, Block (04939 spec cont dwg ..... 61814276-001)	1		PADZZN
-26	MS35206-230	96906	. SCREW (AP) .....	2		PAOZZN
-27	MS35338-98	96906	. WASHER (AP) .....	2		PADZZN
-28	NAS1786B06-5	80205	. SPACER (AP) .....	2		PADZZN
-29	61863118-009	04939	. BRACKET ASSEMBLY, Fuse block .....	1		XB
-30	MS24693S28	96906	. SCREW (AP) .....	4		PAOZZN
-31	M45938-3-5L	81349	. NUT.....	4		PADZZN
-32	61863118-001	04939	. BRACKET .....	1		XB
-33	M39018-03-0732	81349	. CAPACITOR .....	2		PADZZN
-34	M39014-02-1378	81349	. CAPACITOR .....	1		PADZZN
-35	SE109D02	81349	. TERMINAL .....	4		PADZZN
-36	MS24693S24	96906	. SCREW (AP).....	4		PADZZN
	MS35338-98	96906	. WASHER (AP) .....	4		PADZZN
-37	MS77068-2	96906	. TERMINAL .....	1		PADZZN

Change 2 2-25



**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
6/2-	61863110-009	04939	FRAME ASSEMBLY, Power supply (See FIG. 5 ..... for NHA)	REF		
-38	61863115-009	04939	. BRACKET ASSEMBLY, Power supply, rear.....	1		XB
-39	MS35206-226	96906	. SCREW (AP) .....	8		PADZZN
-40	F12NC4284-2-82	72962	. . NUT, Self-locking, clinch (04939 spec cont ..... dwg 61814223-002)	3		PADZZN
-41	6016-14A	91506	. . CLIP, Spring tension (04939 spec cont ..... dwg 61814277-003)	2		PADZZN
-42	MS20470AD3-4	96906	. . RIVET (AP) .....	4		PADZZN
-43	F12NC4284-2-62	72962	. . NUT, Self-locking, clinch (04939 spec ..... cont dwg 61814223-001)	2		PADZZN
-44	6018-63A	91506	. . CLIP, Spring tension (04939 spec cont ..... dwg 61814277-002)	4		PADZZN
-45	MS20470AD34	96906	. . RIVET (AP) .....	8		PADZZN
-46	6020-43A	91506	. . CLIP, Spring tension (04939 spec cont ..... dwg 61814277-001)	8		PADZZN
-47	MS20470AD4-4	96906	. . RIVET (AP) .....	16		PADZZN
-48	61863115-001	04939	. . BRACKET, Rear .....	1		XB
-49	61863114-009	04939	. BRACKET ASSEMBLY, Power supply, front.....	1		XB
-50	MS24693S2	96906	. SCREW (AP) .....	8		PADZZN
-51	F12NC4284-2-82	72962	. . NUT, Self-locking, clinch (04939 spec ..... cont dwg 61814223-002)	3		PADZZN
-52	M24066-4-106	81349	. . CLIP .....	4		PADZZN
-53	MS20426AD4-3	96906	. . RIVET (AP) .....	8		PADZZN
-54	F12NC4284-2-62	72962	. . NUT, Self-locking, clinch (04939 spec ..... cont dwg 61814223-001)	2		PADZZN
-55	61863114-001	04939	. . BRACKET, Front .....	1		XB
-56	61863117-009	04939	. PLATE ASSEMBLY, Electrical shield .....	1		XB
-57	MS24693S28	96906	. SCREW (AP) .....	4		PAOZZN
-58	F12NC4284-2-62	72962	. . NUT, Self-locking, clinch (04939 spec ..... cont dwg 61814223-001)	4		PADZZN
-59	61863117-001	04939	. . PLATE .....	1		XB
-60	61863116-019	04939	. SIDE PLATE ASSEMBLY, Power supply .....	1		XB
-61	MS21209C0415	96906	. . INSERT .....	4		PADZZN
-62	MS21209C0615	96906	. . INSERT .....	9		PAOZZN
-63	15B6-3	18915	. . RETAINER, Circuit card (04939 spec cont ..... dwg 61814225-001)	4		PBDZZN
-64	MS16535-69N	96906	. . RIVET (AP) .....	8		PADZZN
-65	61863116-002	04939	. . SIDE PLATE .....	1		XB
-66	61863116-009	04939	. SIDE PLATE ASSEMBLY, Power supply . .....	1		XB
-67	MS21209C0415	96906	. . INSERT .....	4		PADZZN
-68	MS21209C0615	96906	. . INSERT .....	10		PAOZZN
-69	15B6-3	18915	. . RETAINER, Circuit card (04939 spec cont ..... ..... dwg 61814225-001)	4		PBDZZN
-70	MS16535-69N	96906	. . RIVET (AP) .....	8		PADZZN
-71	61863116-001	04939	. . SIDE PLATE .....	1		XB



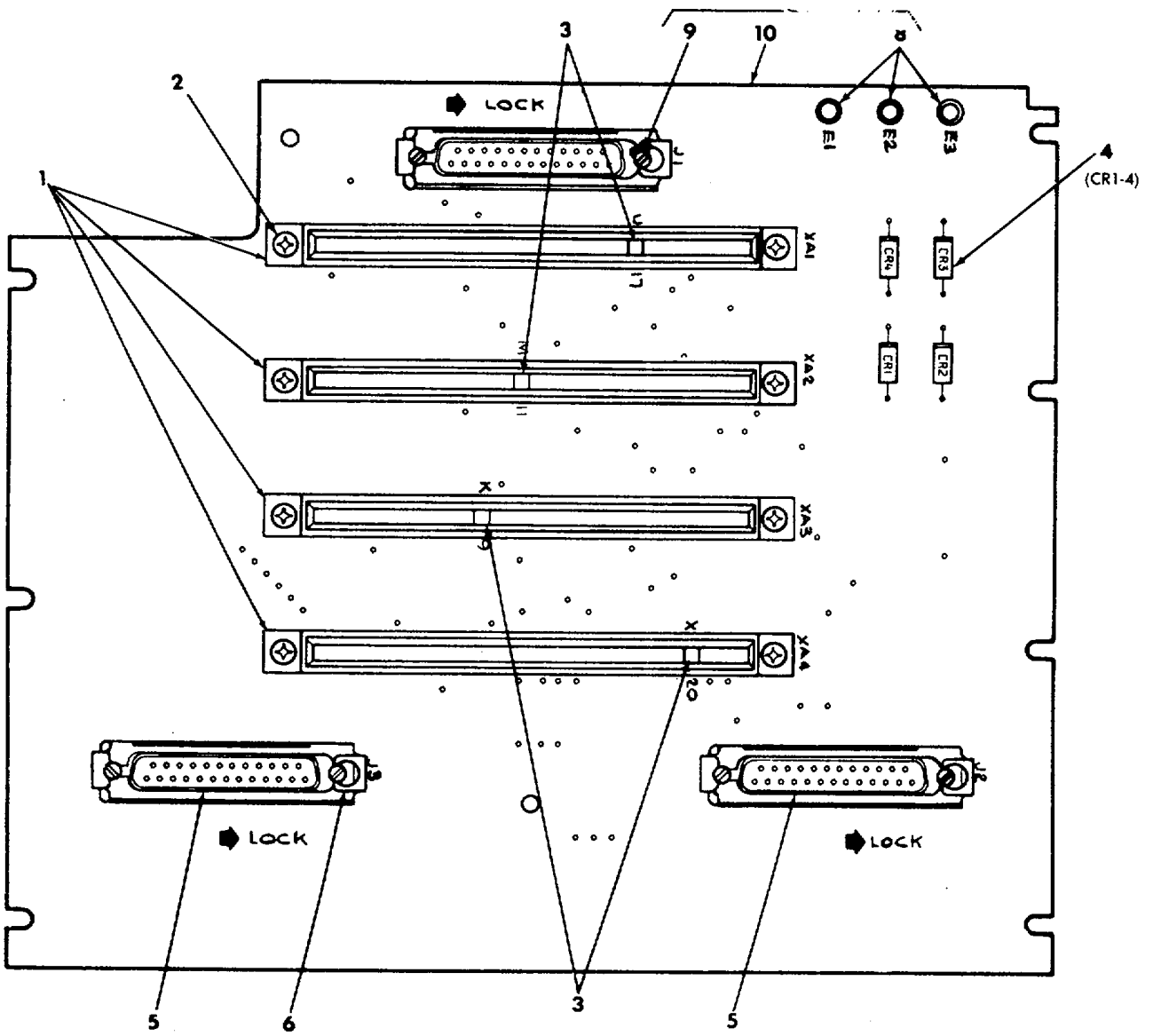


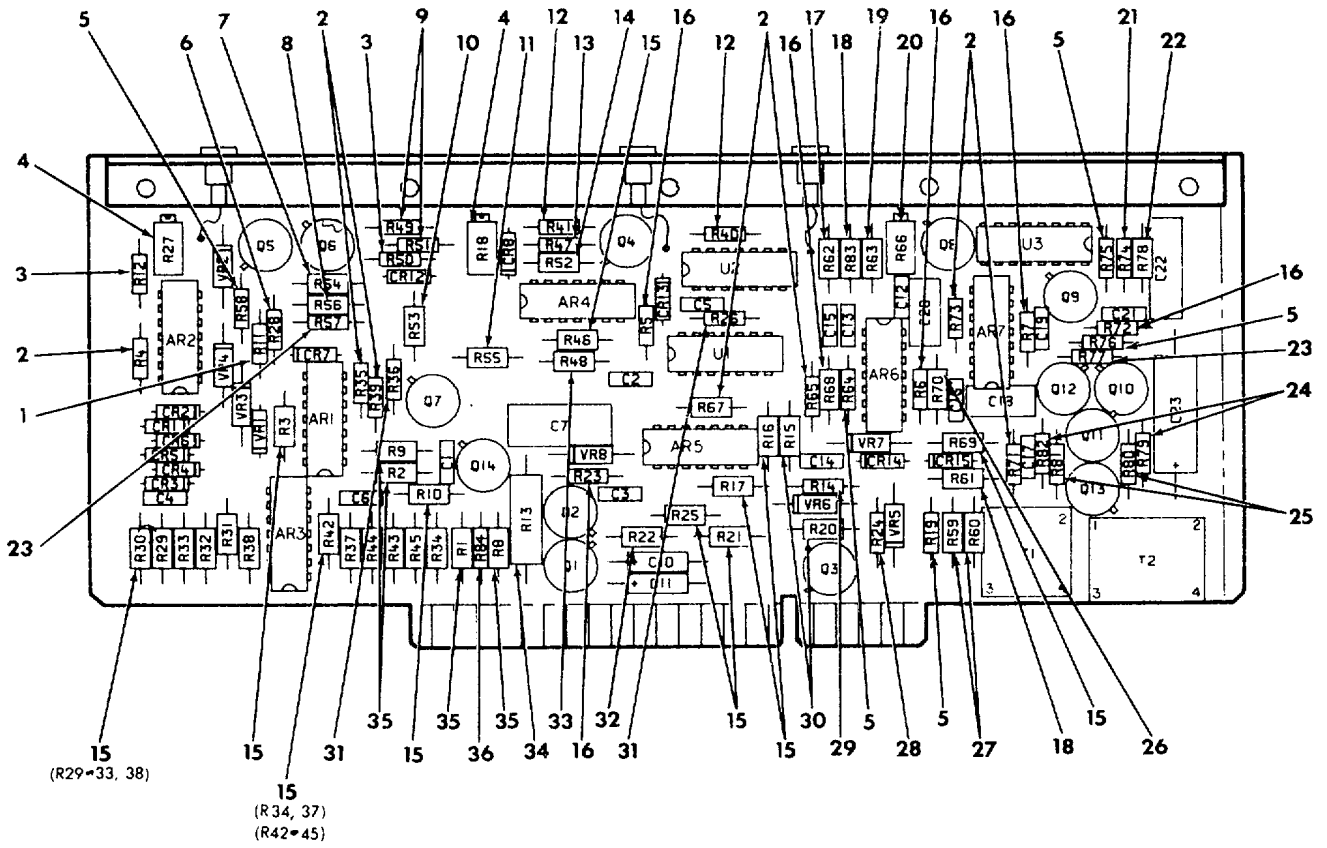
Figure 7. Motherboard Circuit Card Assembly

6186-14

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR
				PER ASSY	ON CODE	CODE
7-	61863120-009	04939	CIRCUIT CARD ASSEMBLY, Motherboard (See ..... FIG. 5 for NHA)	REF		
-1	M21097-21-172	81349	. CONNECTOR .....	4		PADZZN
-2	MS35206-217	96906	. SCREW (AP).....	8		PAOZZN
	MS21042-04	96906	. NUT (AP) .....	8		PAOZZN
-3	225-559	29587	. KEY, Polarizing (04939 spec cont dwg..... 61814327-001)	4		PADZZN
-4	JANTXIN4247	81349	. SEMICONDUCTOR .....	4		PADZZN
-5	M24308-23-3	81349	. CONNECTOR .....	3		PADZZN
-6	DB51221-1	71468	. RETAINER, Electrical connector (AP) (04939 ..... spec cont dwg 61814219-001)	3		PADZZN
-7	61863123-009	04939	. PRINTED WIRING BOARD ASSEMBLY, Motherboard.	1		XA
-8	SE12XC08	81349	. . TERMINAL .....	3		PADZZN
-9	350-3927-11-07	71279	. . NUT, Plain, clinch (04939 spec cont dwg ..... 61814310-001)	6		PAOZZN
-10	61863123-001	04939	. . BOARD .....	1		XA

Change 2 2-29

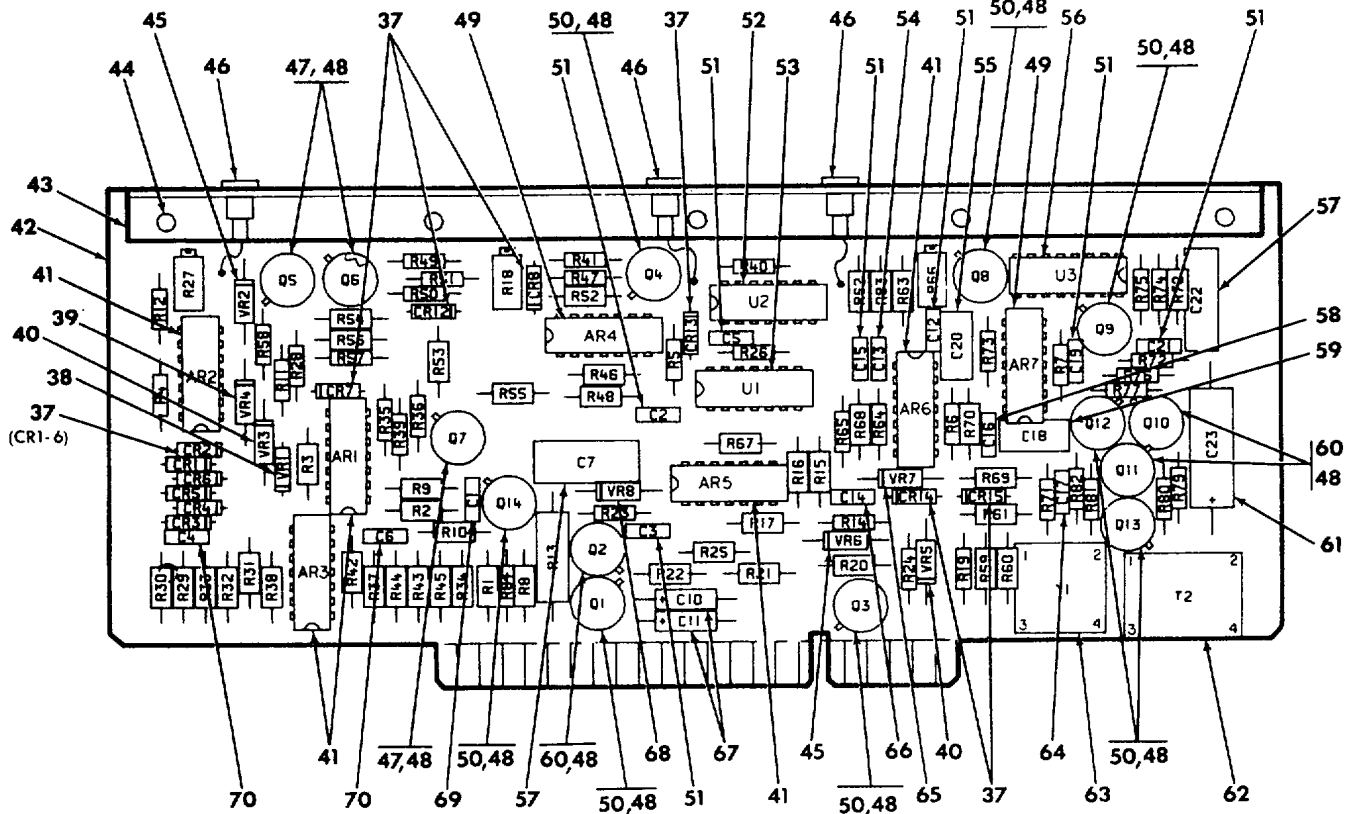


6186-15

Figure 8.  $\pm 12V$  Regulator Circuit Card Assembly (Sheet 1 of 2)

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
8/1-	61863130-009	04939	CIRCUIT CARD ASSEMBLY, ±12V Regulator ..... (See FIG. 5 for NHA)	REF		
-1	RCR07G471JS	81349	. RESISTOR .....	1		PADZZN
-2	RCR07G103JS	81349	. RESISTOR .....	7		PADZZN
-3	RCR07G681JS	81349	. RESISTOR .....	2		PADZZN
-4	RJ24FX502	81349	. RESISTOR .....	2		PADZZN
-5	RCR07G102JS	81349	. RESISTOR .....	5		PADZZN
-6	RNC55H5901FS	81349	. RESISTOR .....	1		PADZZN
-7	RNC55H5621FS	81349	. RESISTOR .....	1		PADZZN
-8	RNC55H1001FS	81349	. RESISTOR .....	1		PADZZN
-9	RCR07G270JS	81349	. RESISTOR .....	2		PADZZN
-10	RNC55H2871FS	81349	. RESISTOR .....	1		PADZZN
-11	RNC55H5111FS	81349	. RESISTOR .....	1		PADZZN
-12	RCR07G222JS	81349	. RESISTOR .....	2		PADZZN
-13	RCR07G223JS	81349	. RESISTOR .....	1		PADZZN
-14	RNC55H1332FS	81349	. RESISTOR .....	1		PADZZN
-15	RNC55H1002FS	81349	. RESISTOR .....	20		PADZZN
-16	RCR07G101JS	81349	. RESISTOR .....	6		PADZZN
-17	RNC55H6810FS	81349	. RESISTOR .....	1		PADZZN
-18	RNC55H9091FS	81349	. RESISTOR .....	2		PADZZN
-19	RNC55H6811FS	81349	. RESISTOR .....	1		PADZZN
-20	RJ24FX103	81349	. RESISTOR .....	1		PADZZN
-21	RCR07G272JS	81349	. RESISTOR .....	1		PADZZN
-22	RNC55H2872FS	81349	. RESISTOR .....	1		PADZZN
-23	RCR07G682JS	81349	. RESISTOR .....	2		PADZZN
-24	RCR07G152JS	81349	. RESISTOR .....	2		PADZZN
-25	RCR07G562JS	81349	. RESISTOR .....	2		PADZZN
-26	RNC55H1211FS	81349	. RESISTOR .....	1		PADZZN
-27	RNC55H4222FS	81349	. RESISTOR .....	2		PADZZN
-28	RCR07G271JS	81349	. RESISTOR .....	1		PADZZN
-29	RCR07G821JS	81349	. RESISTOR .....	1		PADZZN
-30	RNC55H5110FS	81349	. RESISTOR .....	2		PADZZN
-31	RCR07G472JS	81349	. RESISTOR .....	2		PADZZN
-32	RNC55H2491FS	81349	. RESISTOR .....	1		PADZZN
-33	RNC55H2611FS	81349	. RESISTOR .....	1		PADZZN
-34	RW79U56R2F	81349	. RESISTOR .....	1		PADZZN
-35	RNC55H4221FS	81349	. RESISTOR .....	4		PADZZN
-36	RCR07G393JS	81349	. RESISTOR .....	1		PADZZN



6186-16A

Figure 8. 12V Regulator Circuit Card Assembly (Sheet 2 of 2)

Change 2 2-32

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
8/2-	61863130-009	04939	CIRCUIT CARD ASSEMBLY,±12V Regulator .....	REF		
			(See FIG. 5 for NHA)			
-37	JANTX1N4153	81349	. SEMICONDUCTOR .....	12		PADZZN
-38	JANTX1N4570A	81349	. SEMICONDUCTOR .....	1		PADZZN
-39	JANTX1N750A	81349	. SEMICONDUCTOR .....	1		PADZZN
-40	JANTX1N746A	81349	. SEMICONDUCTOR .....	2		PADZZN
-41	M38510-10102BCB	81349	. MICROCIRCUIT .....	5		PADZZN
-42	61863133-001	04939	. PRINTED WIRING BOARD .....	1		XA
-43	61863301-001	04939	. BRACKET, Angle .....	1		XB
-44	MR46	23730	. EYELET, Metallic (04939 spec cont dwg..... 61814258-002)	5		PADZZN
-45	JANTX1N823	81349	. SEMICONDUCTOR .....	2		PADZZN
-46	M39024-12-01	81349	. CONNECTOR .....	8		PADZZN
-47	JANTX2N3019	81349	. TRANSISTOR .....	3		PADZZN
-48	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic component..... (04939 spec cont dwg 61814255-001)	14		PADZZN
-49	61814206-001	04939	. MICROCIRCUIT .....	2		PADZZN
-50	JANTX2N2222A	81349	. TRANSISTOR .....	8		PADZZN
-51	M39014-021378	81349	. CAPACITOR .....	7		PADZZN
-52	M38510-00104BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-53	M38510-02105BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-54	M39014-02-1397	81349	. CAPACITOR .....	1		PADZZN
-55	CMR05C050D0DL	81349	. CAPACITOR .....	1		PADZZN
-56	61814185-001	04939	. MICROCIRCUIT .....	1		PADZZN
-57	CMR06F472G0DL	81349	. CAPACITOR .....	2		PADZZN
-58	M39014-01-1397	81349	. CAPACITOR .....	1		PADZZN
-59	CMR05C100D0DL	81349	. CAPACITOR .....	1		PADZZN
-60	JANTX2N2907A	81349	. TRANSISTOR .....	1		PADZZN
-61	M39003-01-2312	81349	. CAPACITOR .....	1		PADZZN
-62	78H402	21811	. TRANSFORMER, Pulse (04939 spec cont .....	1		PADZZN
			dwg 61814177-001)			
-63	VE70100	03550	. TRANSFORMER, Pulse (04939 spec cont .....	1		PADZZN
			dwg 61814180-001)			
-64	M39014-01-1388	81349	. CAPACITOR .....	1		PADZZN
-65	JANTXIN754A	81349	. SEMICONDUCTOR .....	1		PADZZN
-66	M39014-02-1385	81349	. CAPACITOR .....	1		PADZZN
-67	M39003-01-2356	81349	. CAPACITOR .....	2		PADZZN
-68	JANTX1N752A	81349	. SEMICONDUCTOR .....	1		PADZZN
-69	M39014-02-1387	81349	. CAPACITOR .....	1		PADZZN
-70	M39014-02-1383	81349	. CAPACITOR .....	2		PADZZN

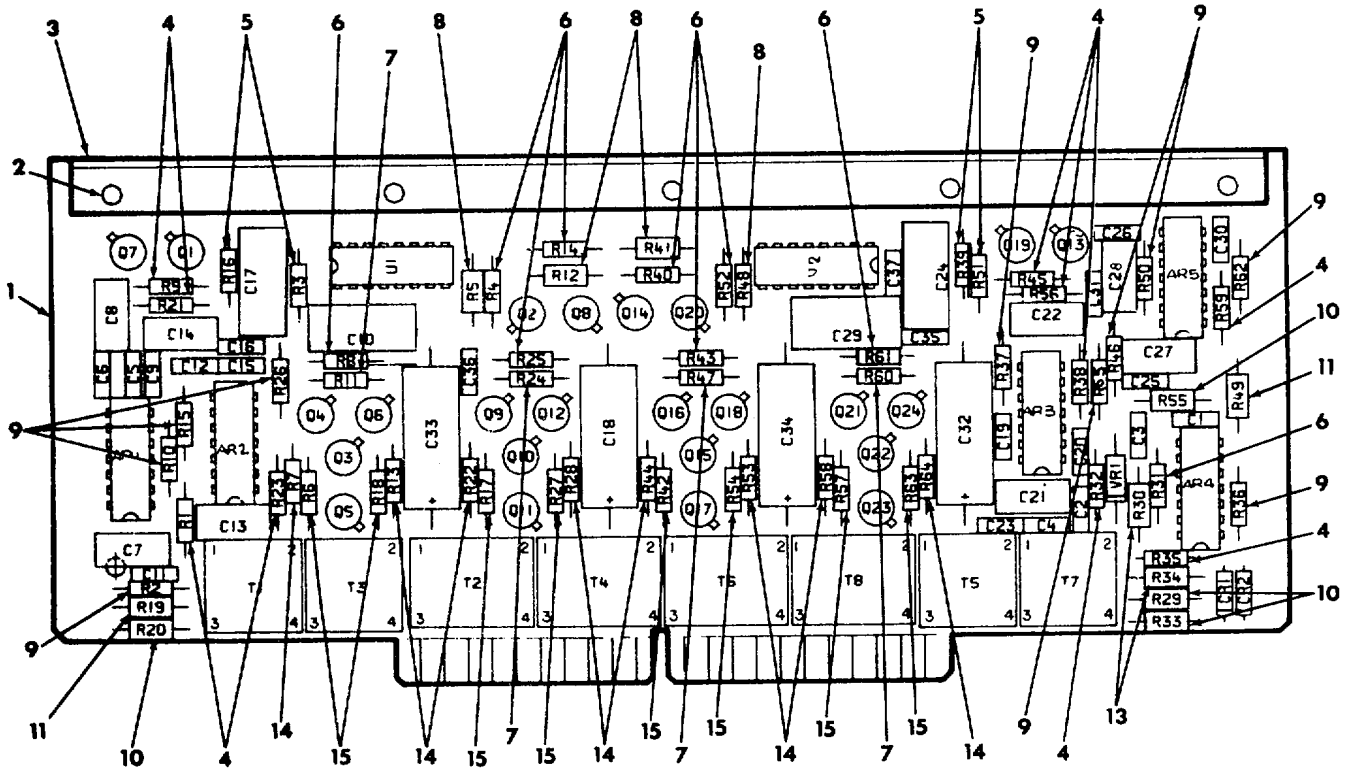
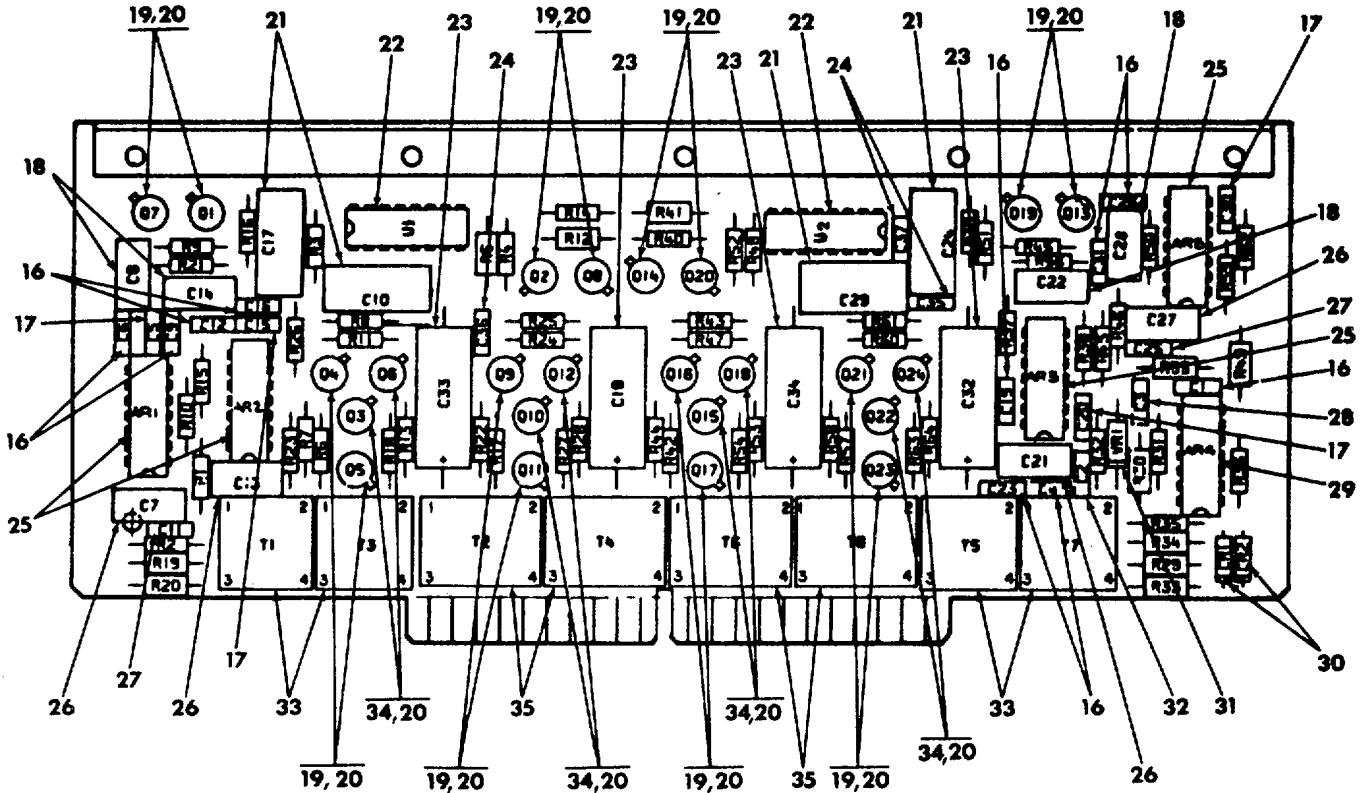


Figure 9. +5V Regulator Circuit Card Assembly (Sheet 1 of 2)

6186-17A

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
			1 2 3 4 5 6 7			
9/1-	61863140-009	04939	CIRCUIT CARD ASSEMBLY, +5V Regulator .....	REF		
	(See FIG. 5 for NHA)					
-1	61863143-001	04939	. PRINTED WIRING BOARD .....	1		XA
-2	MR46	23730	. EYELET, Metallic (04939 spec cont dwg .....	5		PADZZN
			61814253-02)			
-3	61863301-002	04939	. BRACKET, Angle .....	1		XB
-4	RCR07G103JS	81349	. RESISTOR .....	10		PADZZN
-5	RCR07G272JS	81349	. RESISTOR .....	4		PADZZN
-6	RCR07G102JS	81349	. RESISTOR .....	9		PADZZN
-7	RCR07G682JS	81349	. RESISTOR .....	4		PADZZN
-8	RNC55H2872FS	81349	. RESISTOR .....	4		PADZZN
-9	RCR07G101JS	81349	. RESISTOR .....	10		PADZZN
-10	RNC55H1002FS	81349	. RESISTOR .....	4		PADZZN
-11	RNC55H9530FS	81349	. RESISTOR .....	2		PADZZN
-12			(DELETED)			
-13	RNC55H9091FS	81349	. RESISTOR .....	2		PADZZN
-14	RCR07G152JS	81349	. RESISTOR .....	8		PADZZN
-15	RCR07G562JS	81349	. RESISTOR .....	8		PADZZN



6186-18

Figure 9. +5V Regulator Circuit Card Assembly (Sheet 2 of 2)

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
9/2-	61863140-009	04939	CIRCUIT CARD ASSEMBLY, +5V Regulator ..... (See FIG. 5 for NHA)	REF		
-16	M39014-02-1378	81349	. CAPACITOR .....	10		PADZZN
-17	M39014-01-1388	81349	. CAPACITOR .....	4		PADZZN
-18	CMR05C050D0DL	81349	. CAPACITOR .....	4		PADZZN
-19	JANTX2N2222A	81349	. TRANSISTOR .....	16		PADZZN
-20	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic component ..... (04939 spec cont dwg 61814255-001)	24		PADZZN
-21	CMR06F472G0DL	81349	. CAPACITOR .....	4		PADZZN
-22	61814185-001	04939	. MICROCIRCUIT .....	2		PADZZN
-23	M39003-01-2312	81349	. CAPACITOR .....	4		PADZZN
-24	M39014-02-1391	81349	. CAPACITOR .....	3		PADZZN
-25	61814206-001	04939	. MICROCIRCUIT.....	4		PADZZN
-26	CMR05C190D0DL	81349	. CAPACITOR .....	4		PADZZN
-27	M39014-01-1397	81349	. CAPACITOR .....	2		PADZZN
-28	M39014-02-1397	81349	. CAPACITOR .....	1		PADZZN
-29	M38510-10102BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-30	JANTXIN4153	81349	. SEMICONDUCTOR .....	2		PADZZN
-31	JANTX1N754A	81349	. SEMICONDUCTOR .....	1		PADZZN
-32	M39014-02-1385	81349	. CAPACITOR .....	1		PADZZN
-33	VE70100	03550	. TRANSFORMER, Pulse (04939 spec cont dwg. .... 61814180-001)	4		PADZZN
-34	JANTX2N2907A	81349	TRANSISTOR .....	8		PADZZN
-35	78H402	2181R	TRANSFORMER, Pulse (04939 spec cont dwg ..... 61814177-001)	4		PADZZN



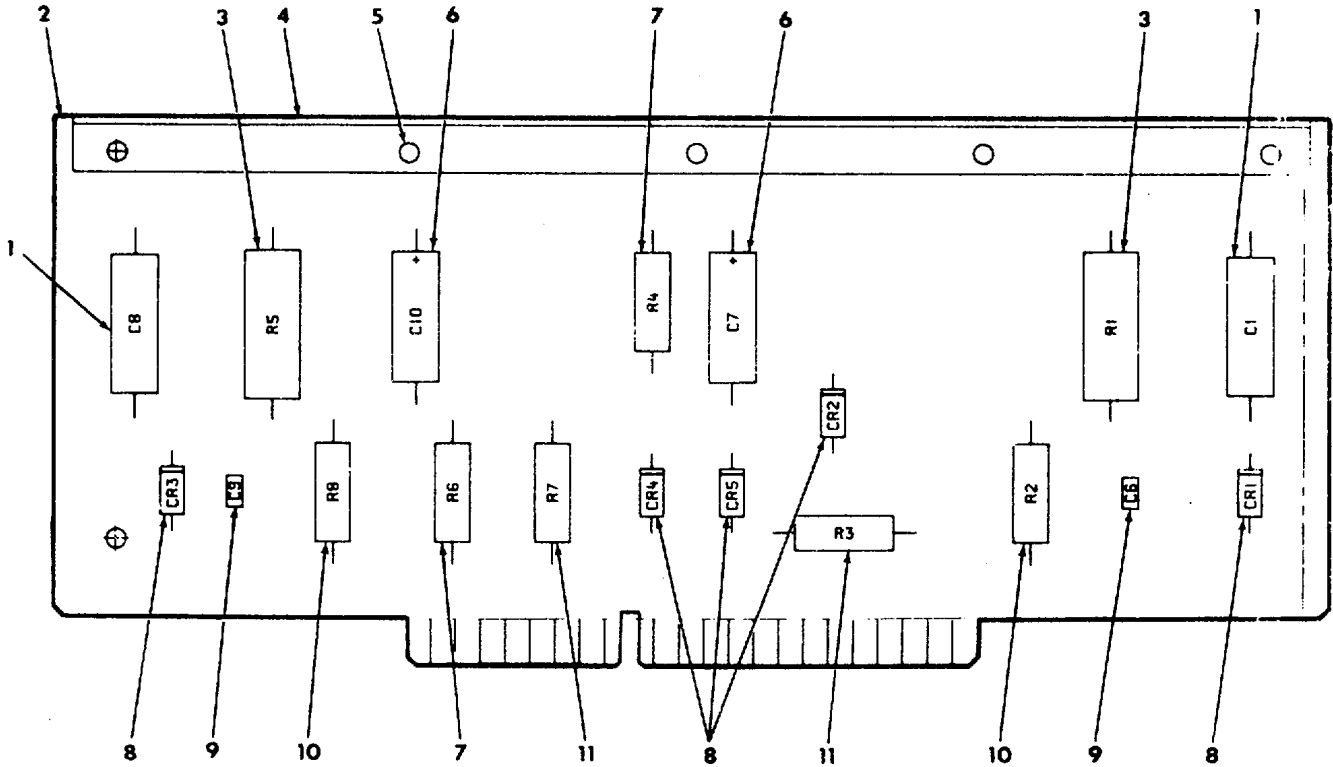
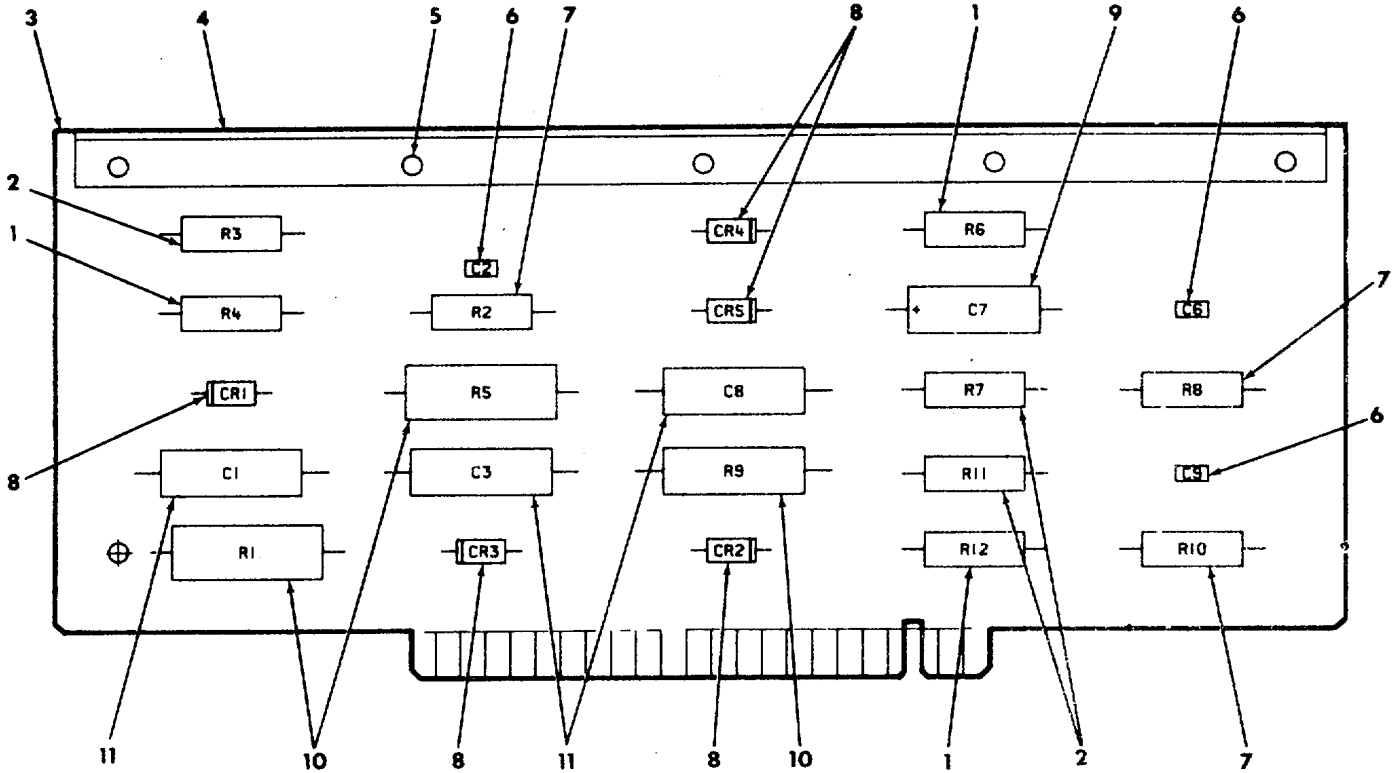


Figure 10. ±12V Driver Circuit Card Assembly

6106-19

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	SMR CODE
			1 2 3 4 5 6 7			
10-	61863160-009	04939	CIRCUIT CARD ASSEMBLY, ±12V Driver (See ..... REF FIG. 5 for NHA)			
-1	CP04A1KE333K3	81349	. CAPACITOR .....	2		PADZZN
-2	61863163-001	04939	. PRINTED WIRING BOARD .....	1		XA
-3	RW74U5111F	81349	. RESISTOR .....	2		PADZZN
-4	61863301-001	04939	. BRACKET, Angle .....	1		XB
-5	MR46	23730	. EYELET, Metallic (04939 spec cont dwg ..... 61814253-002)	5		PADZZN
-6	M39003-01-2306	81349	. CAPACITOR .....	2		PADZZN
-7	RW79UR100F	81349	. RESISTOR .....	2		PADZZN
-8	.ANTX1N4946	81349	. SEMICONDUCTOR .....	5		PADZZN
-9	M39014-02-1391	81349	. CAPACITOR .....	2		PADZZN
-10	RW79U2150F	81349	. RESISTOR .....	2		PADZZN
-11	RW79U10R0F	81349	. RESISTOR .....	2		PADZZN



6186-20

Figure 11. +5V Driver Circuit Card Assembly

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	SMR CODE
11-	61863150-009	04939	CIRCUIT CARD ASSEMBLY, +5V Driver (See ..... FIG. 5 for NHA)	REP		
-1	RW79UR100F	81349	. RESISTOR .....	3		PADZZN
-2	RW79UO1R0F	81349	. RESISTOR .....	3		PADZZN
-3	61863153-001	04939	. PRINTED WIRING BOARD.....	1		XA
-4	61863301-002	04939	. BRACKET, Angle .....	1		XB
-5	MR46	23730	. EYELET, Metallic (04939 spec cont dwg ..... 61814253-002)	5		PADZZN
-6	M39014-02-1391	81349	. CAPACITOR .....	3		PADZZN
-7	RW79U2150F	81349	. RESISTOR .....	3		PADZZN
-8	JANTXIN4946	81349	. SEMICONDUCTOR .....	5		PADZZN
-9	M39003-01-2306	81349	. CAPACITOR .....	1		PADZZN
-10	RW74U5111F'	81349	. RESISTOR .....	3		PADZZN
-11	CP04A1KE333K3	81349	. CAPACITOR .....	3		PADZZN

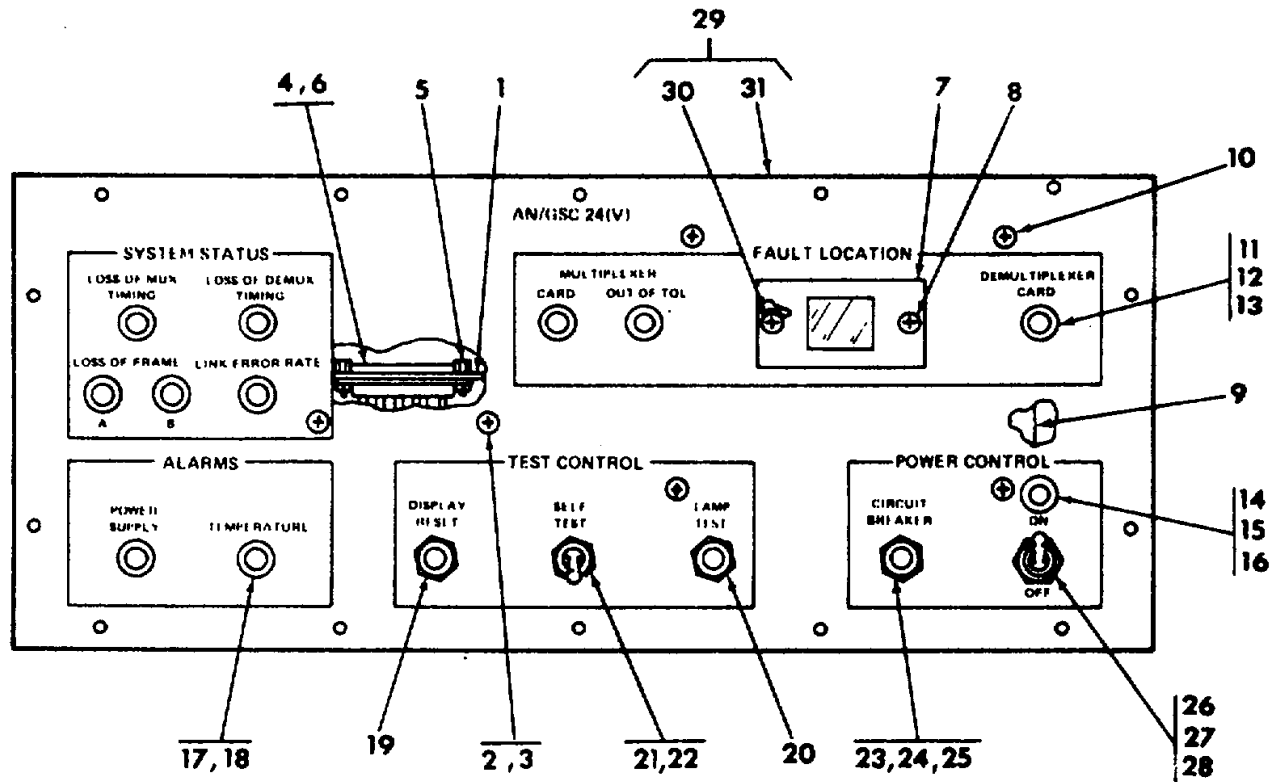


Figure 12. Front Panel Assembly

6186-21

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	SMR CODE
12-	61861000-009	04939	PANEL ASSEMBLY, Front (See FIG. 1 for NHA) .....	REF		
-1	61861003-001	04939	. BRACKET, Electrical connector .....	1		XB
-2	MS21042-06	96906	. NUT (AP) .....	2		PAOZZN
	MS24693S27	96906	. SCREW (AP) .....	2		PAOZZN
-3	MS25036-102	96906	. TERMINAL .....	1		PAOZZN
-4	DBMM9W4P	71468	. CONNECTOR, Plug, electrical (04939 spec cont ..... dwg 61814297-001)	1		PAOZZN
-5	D20418-2	71468	. FASTENER, Screw lock, female (AP) (04939 spec ..... cont dwg 61814268-001)	2		PAOZZN
-6	DM53745-25	71468	. CONTACT, Electrical, pin-power, solder, removable .... (04939 spec cont dwg 61814301-001)	4		PAFZZN
-7	61861004-009	04939	. WINDOW, Shielded, front panel .....	1		PBOZZN
-8	MS24693S28	96906	. SCREW (AP) .....	2		PAOZZN
-9	61861028-009	04939	. CIRCUIT CARD ASSEMBLY, Front panel (See FIG.13).	1		PAODDT
-10	MS21042-06	96906	. NUT (AP).....	4		PAOZZN
	MS24693S30	96906	. SCREW (AP) .....	4		PAOZZN
	NAS43HT1-20	80205	. SPACER (AP) .....	4		PAOZZN
	NAS620-6L	80205	. WASHER (AP) .....	4		PAOZZN
-11	CF03RCS680	03797	. LAMP, Cartridge, plug-in, incandescent..... (04939 spec cont dwg 61814307-001)	9		PAOZZN
-12	MS24367-680	96906	. . LAMP .....	9		PAOZZN
-13	LH90-1	81349	. HOUSING .....	9		PAFZZN
-14	CF03CCS680	03797	. LAMP, Cartridge, plug-in, incandescent (04939..... spec cont dwg 61814307-002)	1		PAOZZN
-15	MS24367-680	96906	. . LAMP .....	1		PAOZZN
-16	LH90-1	81349	. HOUSING .....	1		PAFZZN
-17	MS18237-1RN	96906	. LAMP .....	1		PAOZZN
-18	LH90-1	81349	. HOUSING .....	1		PAFZZN
-19	M8805-23-001	81349	. SWITCH .....	1		PAFZZN
-20	M8805-23-001	81349	. SWITCH .....	1		PAFZZN
-21	MS25306-232	96906	. SWITCH .....	1		PAFZZN
-22	MS25036-102	96906	. TERMINAL.....	4		PAOZZN
-23	MS22073-10	96906	. CIRCUIT BREAKER .....	1		PAFZZN
-24	MS25036-149	96906	. TERMINAL .....	1		PAOZZN
-25	MS25036-153	96906	. TERMINAL.....	2		PAOZZN
-26	MS25307-222	96906	. SWITCH .....	1		PAOZZN
-27	MS25036-102	96906	. TERMINAL.....	3		PAOZZN
-28	MS25036-107	96906	. TERMINAL.....	1		PAOZZN
-29	61861001-009	04939	. PANEL ASSEMBLY, Front .....	1		XB
-30	MF7200-06	15653	. . NUT, Self-locking, clinch (0939 spec ..... cont dwg 618142081001)	2		PAOZZN
-31	61861001-001	04939	. . PANEL, Front .....	1		XB

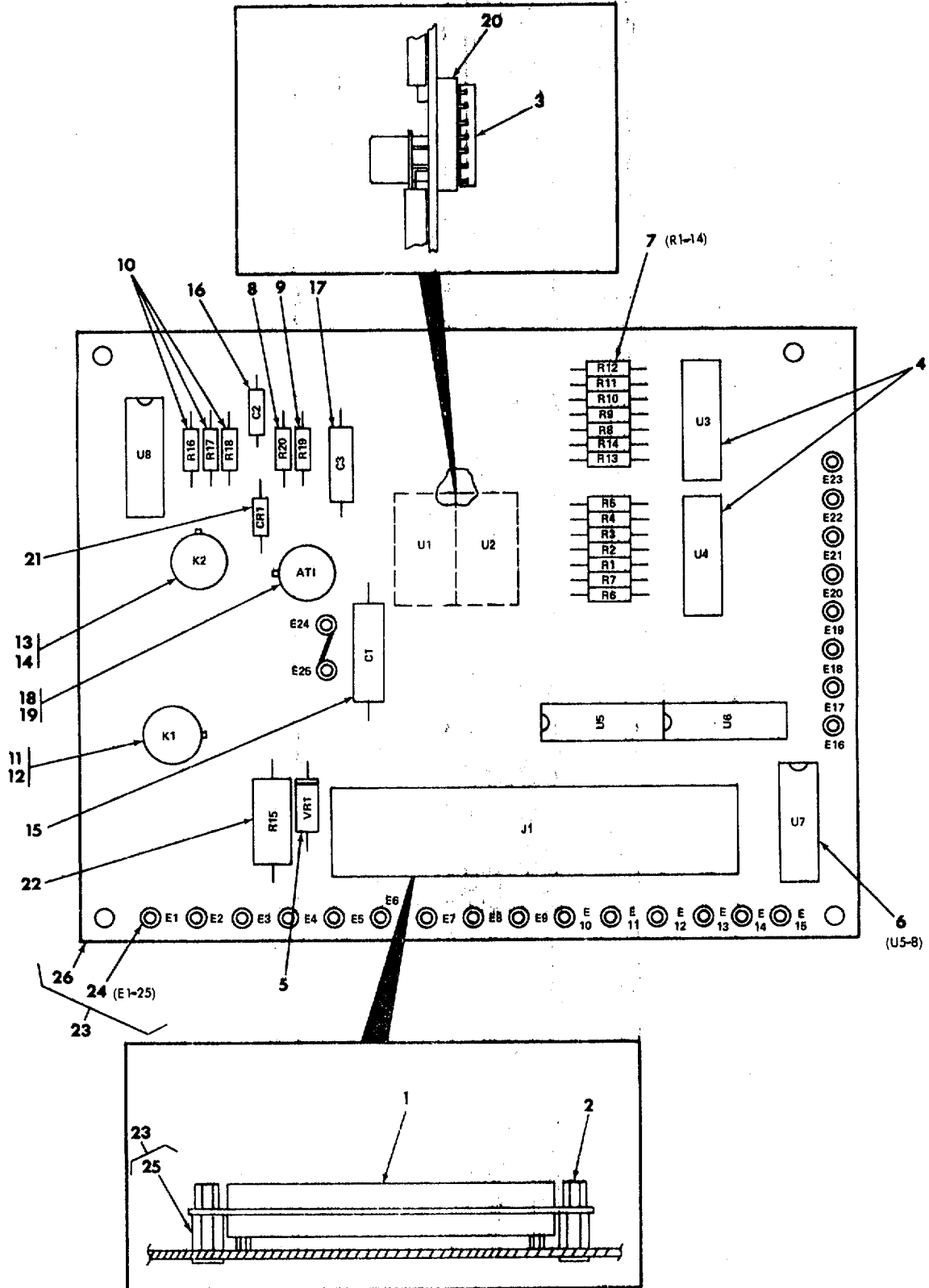


Figure 13. Front Panel Circuit Card Assembly

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
13-	61861028-009	04939	CIRCUIT CARD ASSEMBLY, Front panel (See ..... FIG. 12 for NHA)	REF		
-1	M24308-24-5	81349	. CONNECTOR .....	1		PAOZZN
-2	D20418-2	71468	. FASTENER, Screw lock, female (AP) (04939 spec ..... cont dwg 61814268-001)	2		PAOZZN
-3	61814120-001	04939	. SEMICONDUCTOR DEVICE, Optoelectronic display- .. seven segment	2		PAOZZN
-4	M38510-01006BEB	81349	. MICROCIRCUIT .....	2		PADZZN
-5	JANTX1N752A	81349	. SEMICONDUCTOR .....	1		PADZZN
-6	M38510-00801BCB	81349	. MICROCIRCUIT .....	4		PADZZN
-7	RCR07G221JS	81349	. RESISTOR .....	14		PADZZN
-8	RCR07G391JS	81349	. RESISTOR .....	1		PADZZN
-9	RCR07G821JS	81349	. RESISTOR .....	1		PADZZN
-10	RCR07G222JS	81349	. RESISTOR .....	3		PADZZN
-11	M39016-23-01L	81349	. RELAY .....	1		PADZZN
-12	M38527-1-14B1	81349	. PAD .....	1		PADZZN
-13	M39016-29-016L	81349	. RELAY .....	1		PADZZN
-14	7717-30DAP	13103	. PAD, Mounting (04939 spec cont dwg..... 61814304-001)	1		PADZZN
-15	M39003-01-2257	81349	. CAPACITOR .....	1		PADZZN
-16	M39014-02-1391	81349	. CAPACITOR .....	1		PADZZN
-17	M39003-01-2283	81349	. CAPACITOR .....	1		PADZZN
-18	JANTX4N22	81349	. SEMICONDUCTOR .....	1		PADZZN
-19	7717-107DAP	13103	. PAD, Mounting (04939 spec cont dwg ..... 61814251-001)	1		PADZZN
-20	ME2-14STB	18677	. SOCKET, Plug-in, electronic components (04939 ..... spec cont dwg 61814261-001)	2		PADZZN
-21	JANTX1N4153	81349	. SEMICONDUCTOR .....	1		PADZZN
-22	RCR32G121JS	81349	. RESISTOR .....	1		PADZZN
-23	61861029-009	04939	. PRINTED WIRING BOARD, Front panel .....	1		XA
-24	M55155-29-6	81349	. . TERMINAL .....	25		PADZZN
-25	350-3927-11-07	71279	. . NUT, Plain, clinch (04939 spec cont dwg ..... 61814310-001)	2		PAOZZN
-26	61861029-001	04939	. . BOARD .....	1		XA

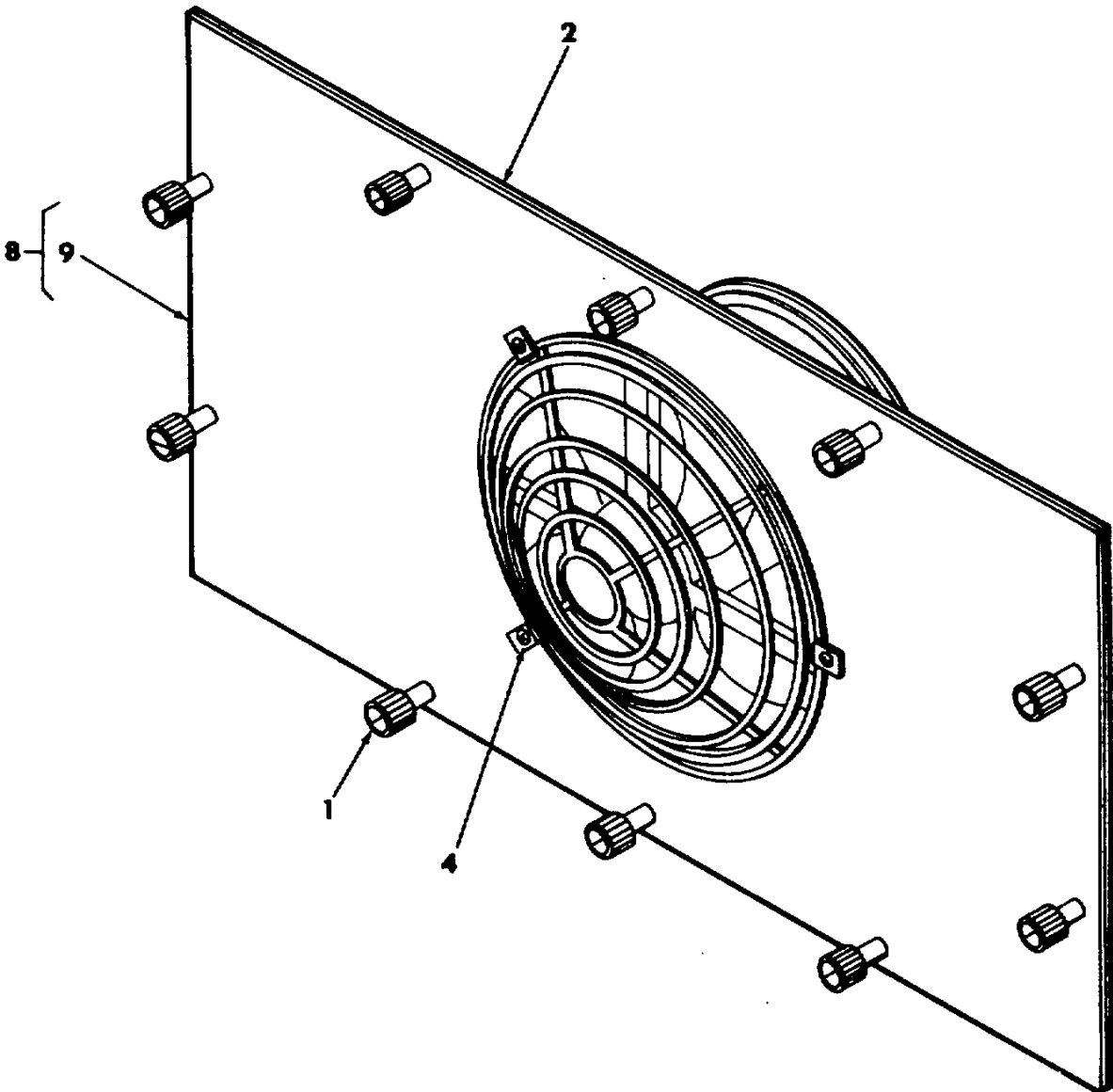


Figure 14. Tubeaxial Fan Assembly

6186-23A

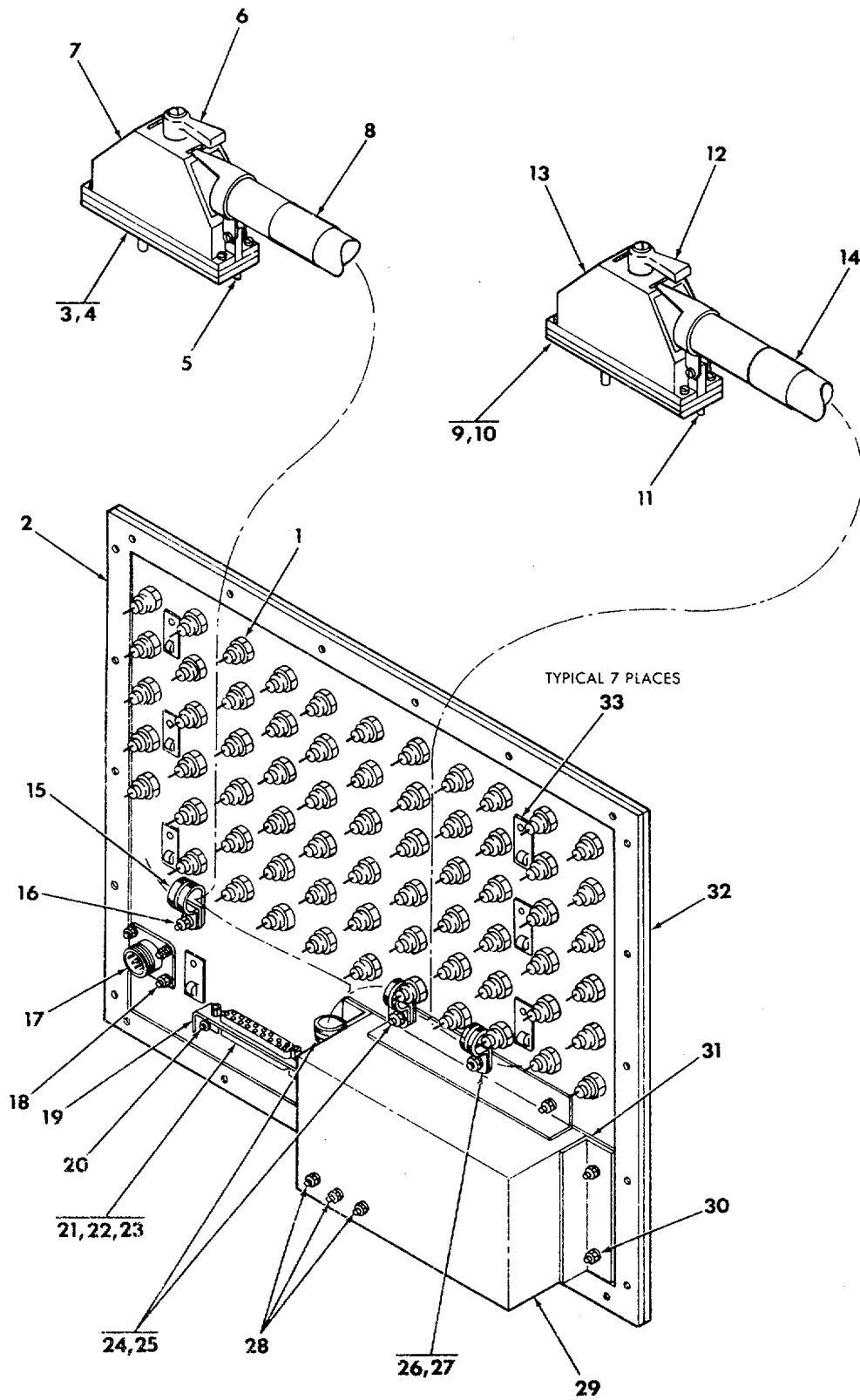
Change 1 2-42

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR
				PER ASSY	ON CODE	CODE
14-	61861550-009	04939	FAN ASSEMBLY, Tubeaxial (See FIG. 1 ..... for NHA)	REF		
-1	47-10-204-10	94222	SCREW (AP) .....	10		PAOZZN
-2	61861552-001	04939	. GASKET, Fan Panel .....	1		PBOZZN
-8	A074808	82877	. FAN ASSEMBLY, Tubeaxial (04939 spec cont dwg ..... 61814244001)	1		PAOZZN
-4	MS5206-217	96906	. SCREW (AP) .....	3		PAOZZN
-5			(DELETED)			
-6			(DELETED)			
-7			(DELETED)			
-8	61861551-009	04939	. PANEL ASSEMBLY, Fan .....	1		XB
-9	61861551-001	04939	. . PANEL .....	1		XB

Change 1 2-43





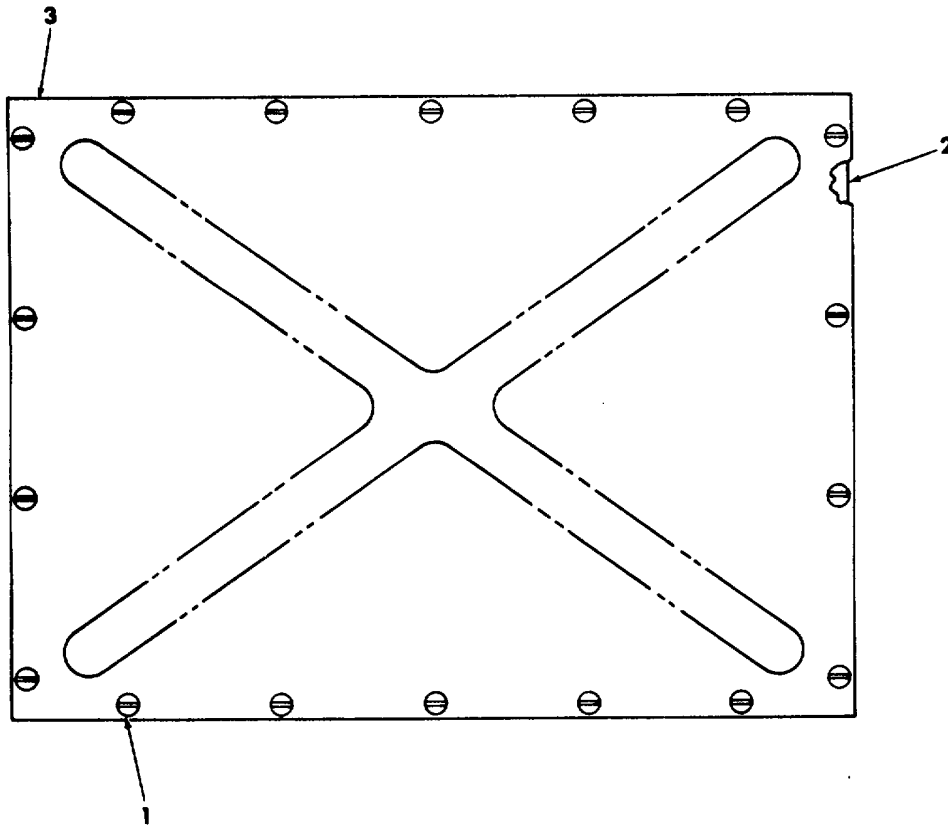
6186-24A

Figure 15. Connector Panel Assembly

Change 2 2-44

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE	SMR CODE
			1	2	3	4	5	6	7			
15-	61861500-009	04939	CONNECTOR PANEL ASSEMBLY (See FIG. 1 for NHA)							REF		
-1	30340-5	95712	. CONNECTOR, Receptacle, electrical (04939 spec ..... cont dwg 61814263-001)							65		PAOZZN
-2	61861502-001	04939	. SHIELDING GASKET, Electronic.....							1		XB
-3	DL1-156P	71468	. CONNECTOR BODY, Plug, electrical, input/output ..... (04939 spec cont dwg 61814236-001)							1		PAOZZN
-4	DLCLC	71468	. CONTACT, Electrical, hermaphroditic, input/output..... (04939 spec cont dwg 61814258-001)							78		PAOZZN
-5	231-0017-000	71468	. KEY, Polarizing, connector, electrical, input/output ..... (04939 spec cont dwg 61814260001)							1		PAOZZN
-6	DL HANDLE	71468	. HANDLE KIT, Connector (04939 spec cont dwg ..... 61814259-001)							1		PAOZZN
-7	DL1JS	71468	. BACKSHELL ASSEMBLY, Connector, electrical,..... ... input/output (04939 spec cont dwg 61814257-001)							1		PAOZZN
-8	61860017-017	04939	. SLEEVE, Cable marker .....							1		XB
-9	DL1-156P	71468	. CONNECTOR BODY, Plug, electrical, input/output ..... (04939 spec cont dwg 61814236-001)							1		PAOZZN
-10	DLCLC	71468	. CONTACT, Electrical, hermaphroditic, input/output..... (04939 spec cont dwg 61814258-001)							101		PAOZZN
-11	231-0017-000	71468	. KEY, Polarizing, connector, electrical, input/output ..... (04939 spec cont dwg 61814260-001)							1		PAOZZN
-12	DL HANDLE	71468	. HANDLE KIT, Connector (04939 spec cont dwg ..... 61814259-001)							1		PAOZZN
-13	DLIJS	71468	. BACKSHELL ASSEMBLY, Connector, electrical, input/ output (04939 spec cont dwg 61814257-001)							1		PAOZZN
-14	61860017-016	04939	. SLEEVE, Cable marker .....							1		XB
-15	MS21919DG9	96906	. CLAMP .....							1		PAOZZN
-16	MS21042-08	96906	. NUT (AP) .....							1		PAOZZN
	AN960C8	88044	. WASHER (AP) .....							1		PAOZZN
	MS35206-245	96906	. SCREW (AP).....							1		PAOZZN
-17	MS3470E14-19P	96906	. CONNECTOR .....							1		PAOZZN
-18	MS21042-04	96906	. NUT (AP) .....							4		PAOZZN
	MS35206-215	96906	. SCREW (AP) .....							4		PAOZZN
-19	61861503-001	04939	. BRACKET, Electrical connector .....							1		XB
-20	MS21042-06	96906	. NUT (AP).....							2		PAOZZN
	AN960C6	88044	. WASHER (AP) .....							2		PAOZZN
	MS35206-228	96906	. SCREW (AP).....							2		PAOZZN
-21	M24308-4-5	81349	. CONNECTOR .....							1		PAOZZN
-22	D20418-2	71468	. FASTENER, Screw lock, female, electrical ..... connector (AP) (04939 spec cont dwg 618142684)-001)							2		PAOZZN
-23	M24308-11-1	81349	. CONTACT .....							35		PADZZN
-24	MS21919DG6	96906	. CLAMP .....							2		PAOZZN
-25	MS21042-08	96906	. NUT (AP) .....							2		PAOZZN
	AN960C8	88044	. WASHER (AP) .....							2		PAOZZN
	MS35206-247	96906	. SCREW (AP).....							2		PAOZZN
-26	MS21919DG7	96906	. CLAMP .....							1		PAOZZN
-27	MS21042-08	96906	. NUT (AP) .....							1		PAOZZN
	AN960C8	88044	. WASHER (AP) .....							1		PAOZZN
	MS35206-247	96906	. SCREW (AP).....							1		PAOZZN
-28	NAS671-10	80205	. NUT.....							6		PADZZN
	MS35338-138	96906	. WASHER .....							6		PADZZN
	AN960-10	88044	. WASHER .....							6		PADZZN
-29	RF7762	13619	. FILTER, Radio frequency interference (04939 spec ..... cont dwg 61814241-001)							1		PAFZZN
-30	MS21042-08	96906	. NUT (AP) .....							4		PAOZZN
	AN960C8	88044	. WASHER (AP) .....							4		PAOZZN
	MS35206-245	96906	. SCREW (AP) .....							4		PAOZZN
-31	61861504-001	04939	. SHIELDING GASKET, Electronic .....							1		PBOZZN
-32	61861501-001	04939	. CONNECTOR PANEL, Twinax.....							1		XB
-33	TC105A	59730	. PLATE, Mounting (04939 spec cont ..... ..... dwg 61814332-001)							7		PADZZN

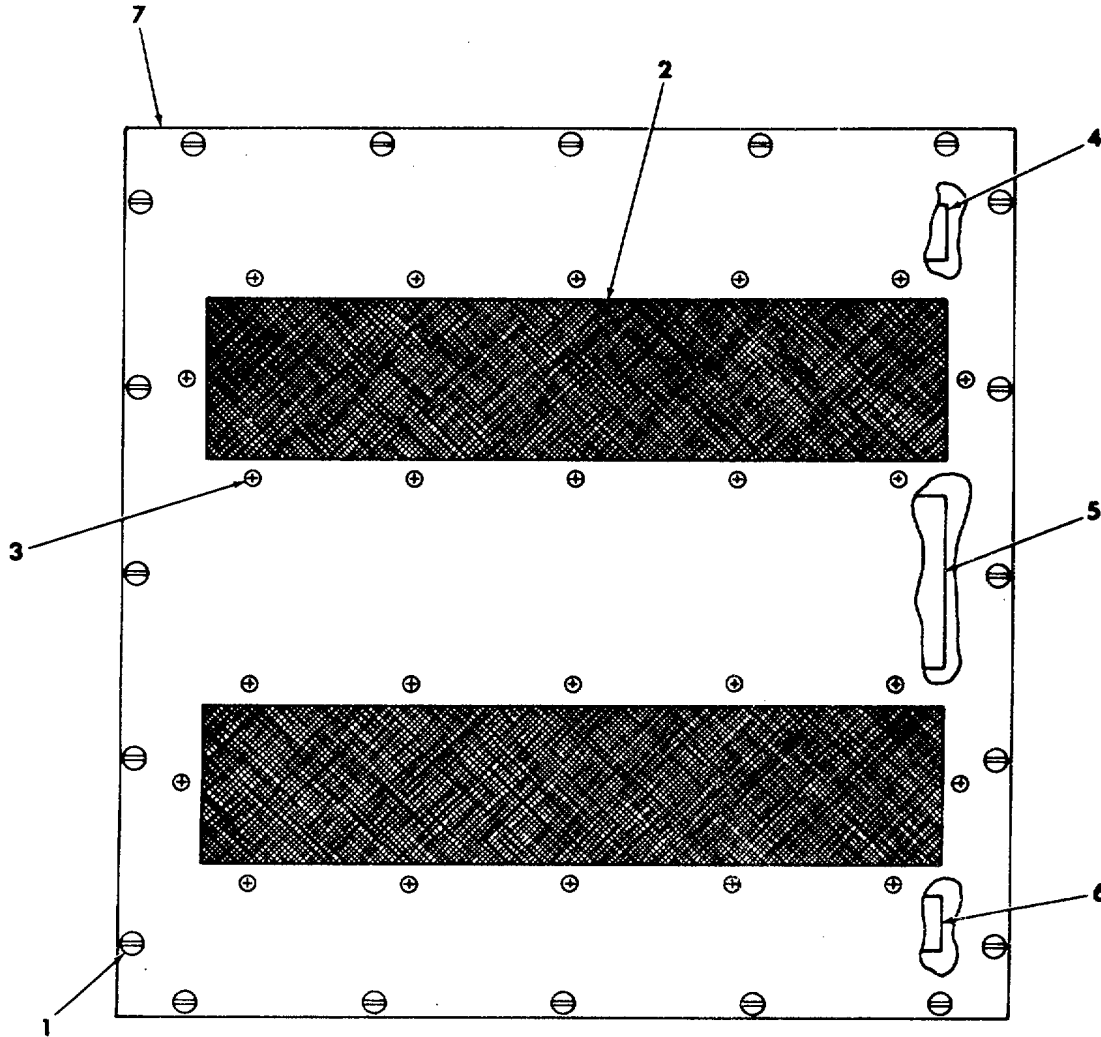


6186-25

Figure 16. Power Supply Cover Assembly

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE	SMR CODE
			1	2	3	4	5	6	7			
16-	61860009-009	04939	COVER ASSEMBLY, Power supply (See FIG. 1 ..... for NHA)							REF		
-1	47-12-204-10	94222	SCREW, Captive (AP) (04939 spec cont ..... dwg 61814249-002)							18		PAOZZN
	61860012-001	04989	WASHER, Recessed (AP) .....							18		PAOZZN
-2	61860007-001	04939	. SHIELDING GASKET, Electronic .....							1		XA
-3	61860003-001	04939	. COVER, Power supply .....							1		XA



6186-26

Figure 17. Front Cover Assembly

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION							UNITS PER ASSY	USABLE ON CODE	SMR CODE
			1	2	3	4	5	6	7			
17-	61860002-009	04939	COVER ASSEMBLY, Front (See FIG. 1 for NHA) .....							REF		
-1	47-10-204-10	94222	SCREW, Captive (04939 spec cont dwg ..... 61814249-001)							20		PAOZZN
-2	61860004-001	04939	. FILTER, Air, front cover intake .....							2		PAOZZN
-3	MS21042-06	96906	. NUT (AP) .....							24		PAOZZN
	AN960-6L	88044	. WASHER (AP) .....							48		PAOZZN
	MS35206-230	96906	. SCREW (AP).....							24		PAOZZN
-4	61860005-001	04939	. RUBBER STRIP .....							1		XB
-5	61860005-002	04939	. RUBBER STRIP .....							1		XB
-6	61860005-001	04939	. RUBBER STRIP .....							1		XB
-7	61860006-001	04939	. COVER, Front .....							1		XB

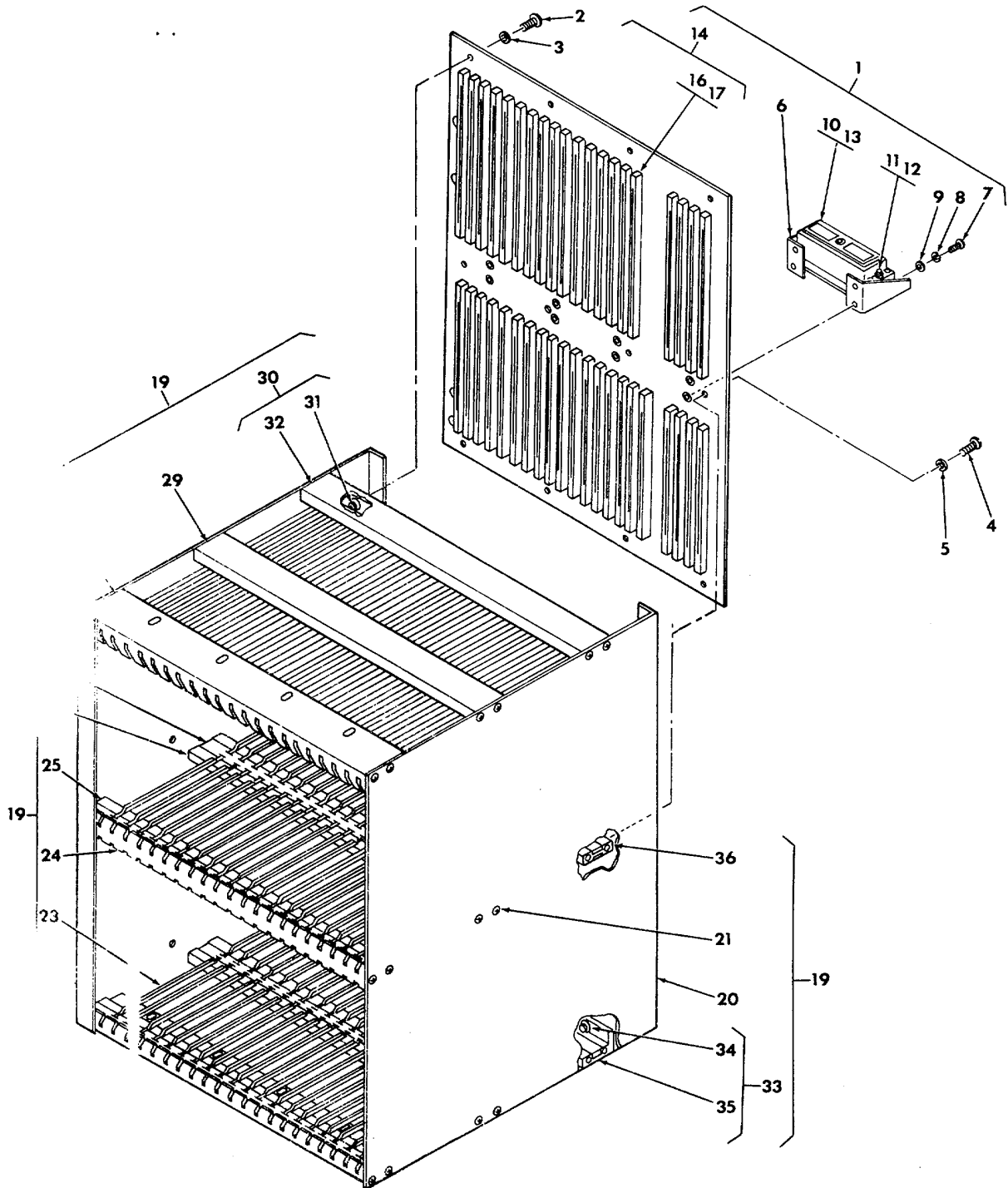


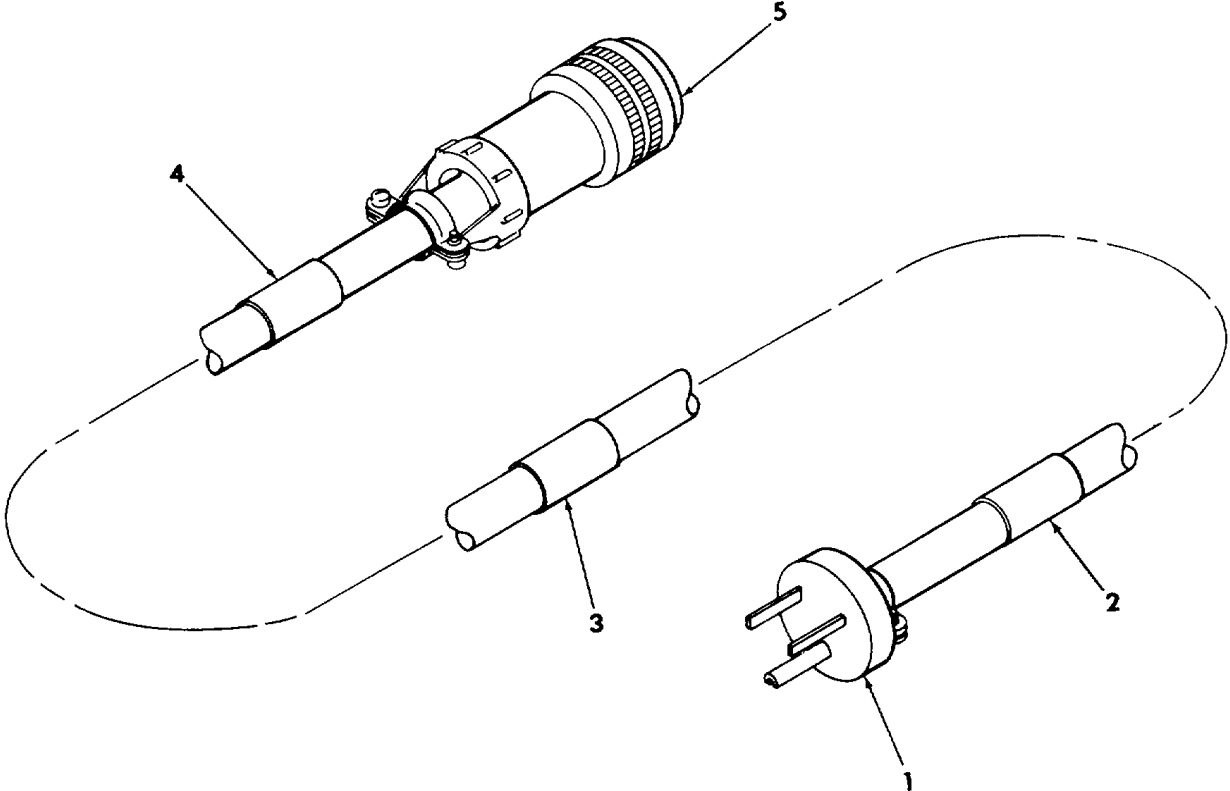
Figure 18. Card File Assembly

Change 2 2-48

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
18-	61862000-009	04939	CARD FILE ASSEMBLY (See FIG. 1 for NHA) .....	REF		
-1	61862200-009	04939	. . CONNECTOR PANEL ASSEMBLY, Wiring plane .....	1		PBODDT
-2	MS35206-230	96906	. . SCREW (AP) .....	8		PAOZZN
-3	21F2-06	06413	. . INSULATOR, Bushing (AP) (04939 spec cont dwg ..... 61814216-005)	8		PAOZZN
-4	MS35206-231	96906	. . SCREW (AP).....	4		PAOZZN
-5	21F2-06	06413	. . INSULATOR, Bushing (AP) (04939 spec cont dwg ..... 61814216-005)	4		PAOZZN
-6	61862202-001	04939	. . BRACKET, Electrical connector .....	2		XB
-7	MS35206-228	96906	. . SCREW (AP) .....	8		PAOZZN
-8	MS35338-136	96906	. . WASHER (AP) .....	8		PADZZN
-9	AN960-6	88044	. . WASHER (AP) .....	8		PADZZN
-10	DL1-156RW	71468	. . CONNECTOR, Receptacle, Electrical, input/output... wrap post (04939 spec cont dwg 61814256-001)	2		PAFZZN
-11	MS35206-219	96906	. . SCREW (AP) .....	8		PAFZZN
	AN960-4	88044	. . WASHER (AP) .....	8		PAFZZN
	MS35338-97	96906	. . WASHER (AP) .....	8		PAOZZN
-12	231-0017-000	71468	. . KEY, Polarizing, connector, electrical, input/..... output (04939 spec cont dwg 61814260-001)	2		PAOZZN
-13	201-7309-000	71468	. . KEY, Polarizing (04939 spec cont dwg ..... 61814324-001)	80		PAOZZN
-14	61862201-009	04939	. . CONNECTOR PANEL ASSEMBLY .....	1		XA
-15			DELETED			
-16	030-7311-003	71468	. . CONTACT, Cantilever, bifurcated .....	3690		PAOZZN
-17	012-7309-002	71468	. . BUSHING, Ground, plate mounting .....	548		PAOZZN
-18			DELETED			
-19	61862100-009	04939	. . CARD FILE STRUCTURE ASSEMBLY .....	1		XB
-20	61862101-001	04939	. . SIDE PANEL, Right hand .....	1		XB
-21	MS35206-229	96906	. . SCREW (AP).....	36		PADZZN
-22	61862110-001	04939	. . SIDE PANEL, Left hand .....	1		XB
-23	ST2100-4500-062	26430	. . GUIDE, Circuit card (04939 spec cont dwg ..... 61814207-001)	164		PBOZZN
-24	61862103-001	04939	. . BRACKET, Guide, card file .....	1		XB
-25	61862107-001	04939	. . BRACKET, Guide, card file .....	8		XB
-26	61862109-001	04939	. . BRACKET, Guide, card file .....	1		XB
-27	61862108-001	04939	. . BRACKET, Guide, card file .....	4		XB
-28	61 62102-001	04939	. . BRACKET, Guide, card file .....	2		XB
-29	61862106-001	04939	. . BRACKET, Guide, card file .....	2		XB
-30	61862104-009	04939	. . BRACKET ASSEMBLY, Guide, card file .....	1		XB
-31	MF7200-06	15653	. . . NUT, Self-locking, clinch (04939 spec ..... cont dwg 61814208-001)	4		PAOZZN
-32	61862104-001	04939	. . . EXTRUSION .....	1		XB
-33	61862104-009	04939	. . BRACKET ASSEMBLY, Guide, card file .....	1		XB
-34	MF7200-06	15653	. . . NUT, Self-locking, clinch (04939 spec ..... cont dwg 61814208-001)	4		PAOZZN
-35	61862104-001	04939	. . . EXTRUSION .....	1		XB
-36	61862105-001	04939	. . BRACKET, Guide, card file .....	1		XB

Change 2 2-49



6186-28

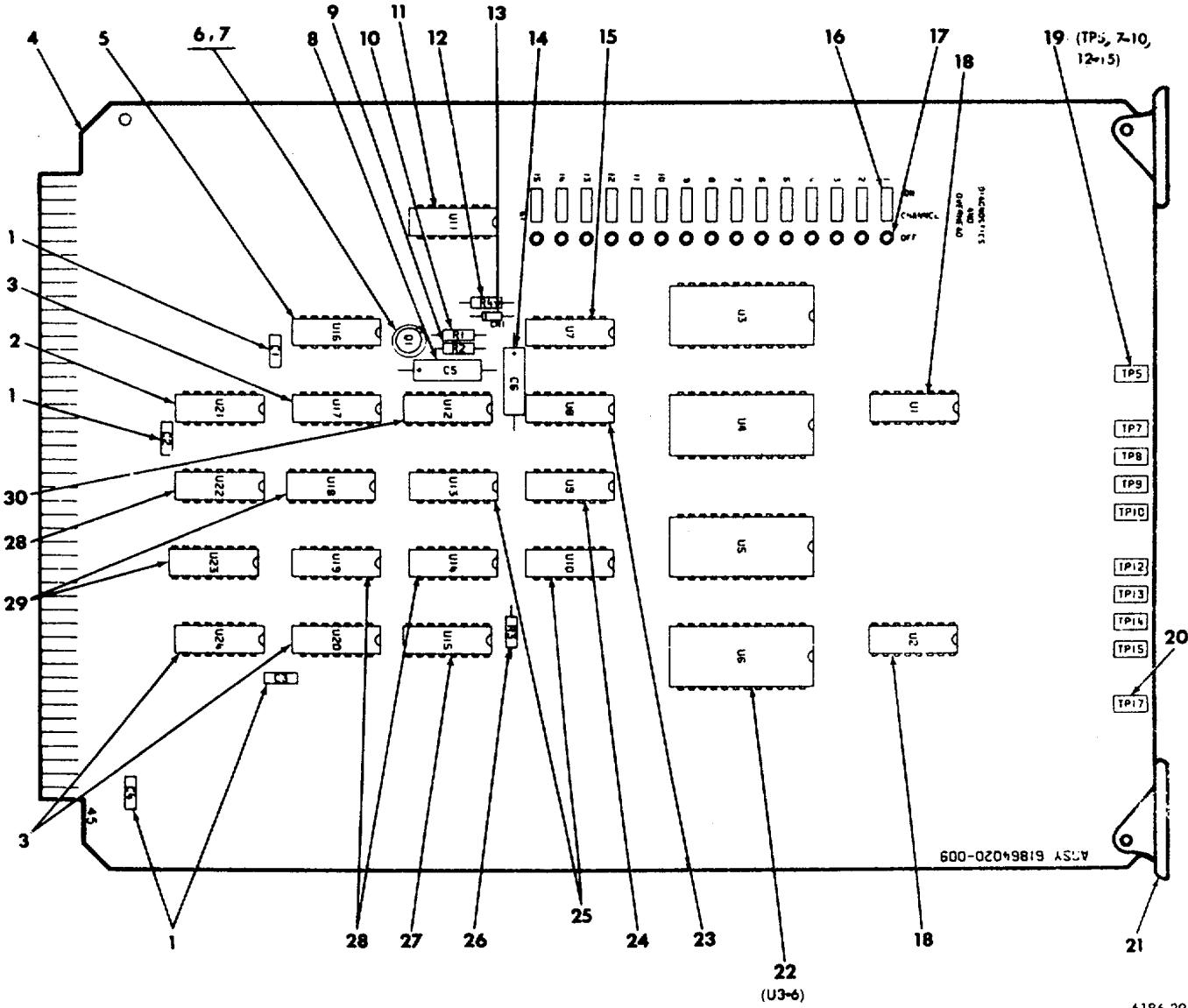
Figure 19. Electrical Power Cable Assembly

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR
				PER ASSY	ON CODE	CODE
19	61861700009	04939	CABLE ASSEMBLY, Power, electrical (See FIG. 1 ..... for NHA)	REF		
-1	WC69D26	81348	. CONNECTOR .....	1		PAOZZN
-2	61860017-088	04989	. SLEEVE, Cable marker .....	1		XB
-3	61860017040	04989	. SLEEVE, Cable marker .....	1		XB
-4	61860017041	04989	. SLEEVE, Cable marker .....	1		XB
-5	MS8128F128	96906	. CONNECTOR .....	1		PAOZZN



Figure 20. Timing and Overhead Enable Generator Circuit Card Assembly



MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	SMR CODE
20-	61864204-09	04939	CIRCUIT CARD ASSEMBLY, Timing and overhead ..... enable generator (See FIG. 1 for NHA)	REF		
-1	M39014-02-1378	81349	. CAPACITOR .....	4		PADZZN
-2	61814281-001	04939	. MICROCIRCUIT, Digital schottky TTL, quad 2-..... input positive hand gate, monolithic silicon	1		PADZZN
-3	61814282-001	04939	. MICROCIRCUIT, Digital schottky TTL, monolithic ..... silicon, hex inverter	3		PADZZN
-4	61864021-001	04939	. PRINTED WIRING BOARD .....	1		XA
-5	M35810-00102BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-6	JANTX2N2222A	81349	. TRANSISTOR .....	1		PADZZN
-7	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic component ..... (04939 spec cont dwg 61814255001)	1		PADZZN
-8	M39003-01-2244	81349	. CAPACITOR .....	1		PADZZN
-9	RCR07G273JS	81349	. RESISTOR .....	1		PADZZN
-10	RCR07G68U4S	81349	. RESISTOR .....	1		PADZZN
-11	M38510-0302BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-12	RCR07G103JS	81349	. RESISTOR .....	1		PADZZN
-13	JANTXIN4153	81349	. SEMICONDUCTOR .....	1		PADZZN
-14	M39008-01-2286,	81349	. CAPACITOR .....	1		PADZZN
-15	M38510-00104BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-16	461-2872-0103-12	71279	. PLUG, Shorting, electrical (04939 spec cont ..... dwg 61814265-001)	15		PAOZZN
-17	645809-1	00779	. CONTACT, Electrical (04939 spec cont ..... dwg 61814262-001)	45		PADZZN
-18	M8340102-M222JB	81349	. RESISTOR NETWORK .....	2		PADZZN
-19	M39024-18-05	81349	. CONNECTOR .....	9		PADZZN
-20	M39024-1806	81349	. CONNECTOR .....	1		PADZZN
-21	6100	23880	. EJECTOR, Card (04939 spec cont dwg ..... 61814250-001)	2		PADZZN
-22	M88510-01401BJB	81349	. MICROCIRCUIT .....	4		PADZZN
-23	M38510-00701BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-24	M38510-00103BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-25	M38510-00401BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-26	RCR07G102JS	81349	. RESISTOR .....	1		PADZZN
-27	61814200-001	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge ..... triggered flip-flop	1		PADZZN
-28	M38510-00105BCB	81349	MICROCIRCUIT .....	3		PADZZN
-29	61814286-001	04939	MICROCIRCUIT, Digital, TTL, dual J-K edge ..... triggered flip-flop, monolithic silicon	2		PADZZN
-30	61814203-001	04939	MICROCIRCUIT, Digital, TTL, monostable..... multivibrator, monolithic silicon	1		PADZZN



**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
21-	61864030-009	04939	CIRCUIT CARD ASSEMBLY, Gated clock/data mux ..... (See FIG. 1 for NHA)	REF		
-1	61814288-001	04939	. MICROCIRCUIT, Digital, TTL, monolithic silicon ..... 4 bit parallel-access shift register	10		PADZZN
-2	M38510-00105BCB	81349	. MICROCIRCUIT .....	5		PADZZN
-3	M38510-01405BEB	81349	. MICROCIRCUIT .....	4		PADZZN
-4	61814191-001	04939	. MICROCIRCUIT, Digital, TTL, 3 to 8 line decoder ..... monolithic silicon	4		PADZZN
-5	61864031-001	04939	. PRINTED WIRING BOARD .....	1		XA
-6	M39014-02-1378	81349	. CAPACITOR .....	6		PADZZN
-7	61814190-001	04939	. MICROCIRCUIT, Four-bit magnitude comparator, ..... TTL, monolithic silicon	6		PADZZN
-8	61814283-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, monolithic ..... silicon, triple 3-input positive hand gate	2		PADZZN
-9	61814286-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, monolithic ..... silicon, dual J-K edge triggered flip-flop	6		PADZZN
-10	61814281-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, quad ..... 2-input positive hand gate, monolithic silicon	3		PADZZN
-11	61814284-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, monolithic ..... silicon, dual 4-input positive hand buffer	1		PADZZN
-12	RCR07G102JS	81349	. RESISTOR .....	9		PADZZN
-13	M38510-00102BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-14	61814282-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, monolithic ..... silicon, hex inverter	2		PADZZN
-15	M39003-01-2274	81349	. CAPACITOR .....	1		PADZZN
-16	RCR07G225JS	81349	. RESISTOR .....	2		PADZZN
-17	RCR07G103JS	81349	. RESISTOR .....	2		PADZZN
-18	JANTX2N2920	81349	. TRANSISTOR .....	1		PADZZN
-19	7717-107DAP	13103	. MOUNTING PAD, Electrical, electronic component ..... (04939 spec cont dwg 61814251-001)	1		PADZZN
-20	61814203-001	04939	. MICROCIRCUIT, Digital, TTL, monostable, ..... multivibrator, monolithic silicon	1		PADZZN
-21	M39003-01-2289	81349	. CAPACITOR .....	1		PADZZN
-22	61814200-001	04939	. MICROCIRCUIT, Digital, TTL, Dual J-K edge ..... triggered flip-flop	2		PADZZN
-23	M38510-01306BEB	81349	. MICROCIRCUIT .....	2		PADZZN
-24	M39024-18-05	81349	. CONNECTOR .....	16		PADZZN
-25	M39024-18-06	81349	. CONNECTOR .....			PADZZN
-26	6100	23880	. EJECTOR, Card (04939 spec cont dwg 61814250-001)	2		PADZZN
-27	RCR07G332JS	81349	. RESISTOR .....	1		PADZZN
-28	RCR07G470JS	81349	. RESISTOR .....	1		PADZZN
-29	M38510-00701BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-30	61814193-001	04939	. MICROCIRCUIT, Digital, 256-bit bipolar ..... read-only memory, monolithic silicon	1		PADZZN
-31	M38510-01402BEC	81349	. MICROCIRCUIT .....	2		PADZZN
-32	M38510-00104BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-33	M38510-01401BJB	81349	. MICROCIRCUIT .....	2		PADZZN

Change 2 2-55



MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
22-	61864040-009	04939	CIRCUIT CARD ASSEMBLY, Sequencer (See FIG. 1 ..... for NHA)	REF		
-1	61814190-001	04939	. MICROCIRCUIT, Four-bit magnitude comparator, ..... TTL, monolithic silicon	3		PADZZN
-2	61814201-001	04939	. MICROCIRCUIT, Five-bit comparator, TTL, ..... monolithic silicon	2		PADZZN
-3	61864041-001	04939	. PRINTED WIRING BOARD .....	1		XA
-4	M39014-021378	81349	. CAPACITOR .....	7		PADZZN
-5	M38510-01702BEB	81349	. MICROCIRCUIT .....	2		PADZZN
-6	M38510-00701BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-7	61814286-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, monolithic ..... silicon, dual J-K edge triggered flip-flop	7		PADZZN
-8	M38510-01401BJB	81349	. MICROCIRCUIT .....	4		PADZZN
-9	61814281-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, quad ..... 2-input positive hand gate, monolithic silicon	4		PADZZN
-10	M38510-01306BEB	81349	. MICROCIRCUIT .....	7		PADZZN
-11	461-2872-01-03-12	71279	. PLUG, Shorting, electrical (04939 spec cont ..... dwg 61814265-001)	36		PAOZZN
-12	645809-1	00779	. CONTACT, Electrical (04939 spec cont dwg ..... 61814262-001)	108		PADZZN
-13	RCR07G471JS	81349	. RESISTOR .....	1		PADZZN
-14	M39024-18-05	81349	. CONNECTOR .....	16		PADZZN
-15	61814282-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, monolithic ..... silicon, hex inverter	4		PADZZN
-16	RCR07G102JS	81349	. RESISTOR .....	3		PADZZN
-17	61814284-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, monolithic ..... silicon, dual 4-input positive hand buffer	1		PADZZN
-18	M39024-18-06	81349	. CONNECTOR .....	1		PADZZN
-19	6100	23880	. EJECTOR, Card (04939 spec cont dwg 61814250-001)	2		PADZZN
-20	M38510-01405BEB	81349	. MICROCIRCUIT .....	2		PADZZN
-21	61814194-001	04939	. MICROCIRCUIT, Digital, TTL, 64-bit read/write..... memory, monolithic silicon	4		PADZZN
-22	M38510-00502BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-23	61814285-001	04939	. MICROCIRCUIT, Digital schottky, TTL, monolithic ..... silicon, dual D-type edge triggered flip-flop	1		PADZZN
-24	RCR07G183JS	81349	. RESISTOR .....	1		PADZZN
-25	M39003-01-2261	81349	. CAPACITOR .....	1		PADZZN
-26	JANTX1N4153	81349	. SEMICONDUCTOR .....	1		PADZZN
-27	61814203-001	04939	. MICROCIRCUIT, Digital, TTL, monostable,..... multivibrator, monolithic silicon	1		PADZZN
-28	61814283-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, triple ..... 3-input positive hand gate, monolithic silicon	1		PADZZN
-29	61814192-001	04939	. MICROCIRCUIT, Digital, TTL, 4-bit binary full ..... adder, monolithic silicon	1		PADZZN
-30	M38510-01304BEB	81349	. MICROCIRCUIT .....	2		PADZZN

Change 2 2-57

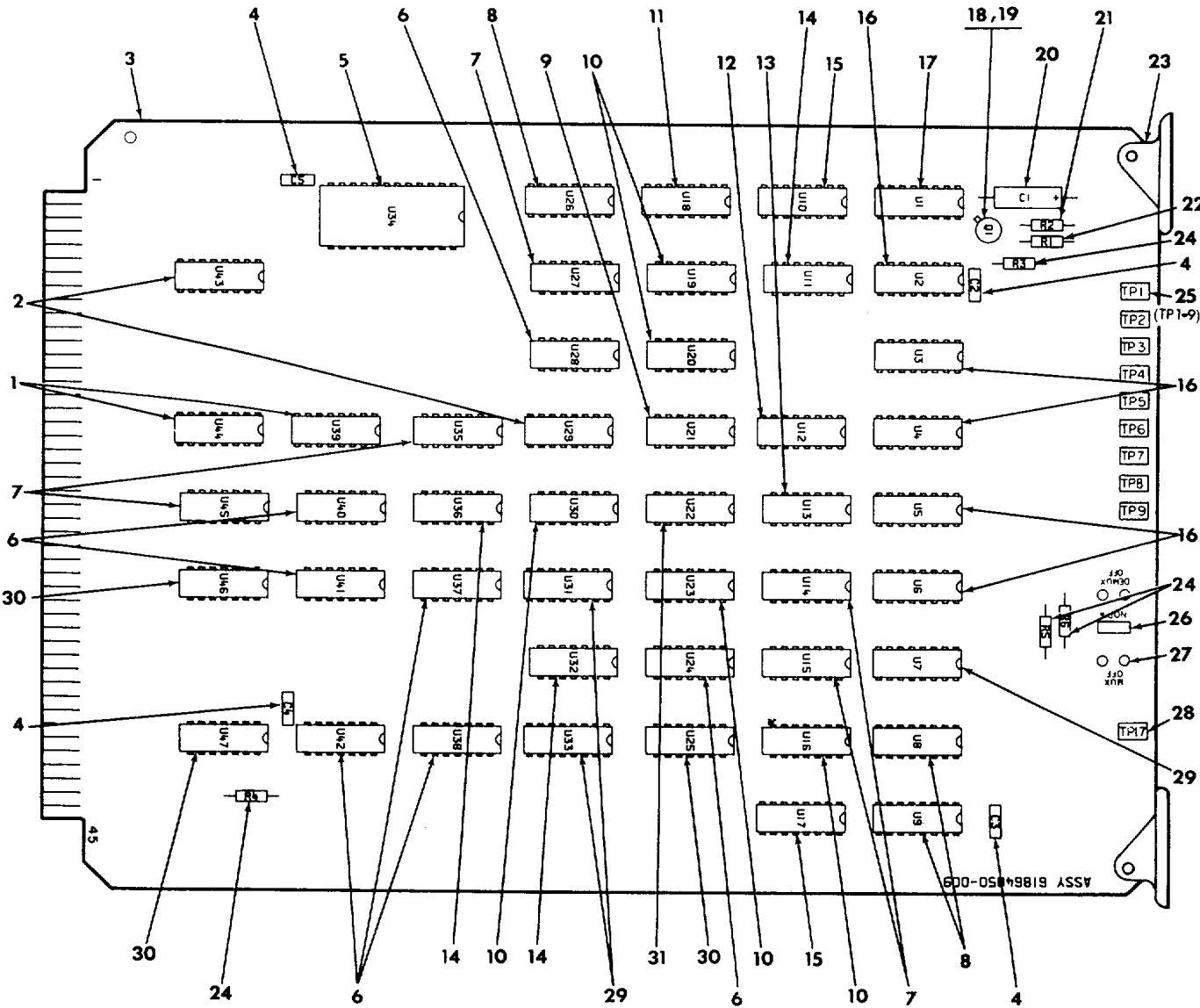


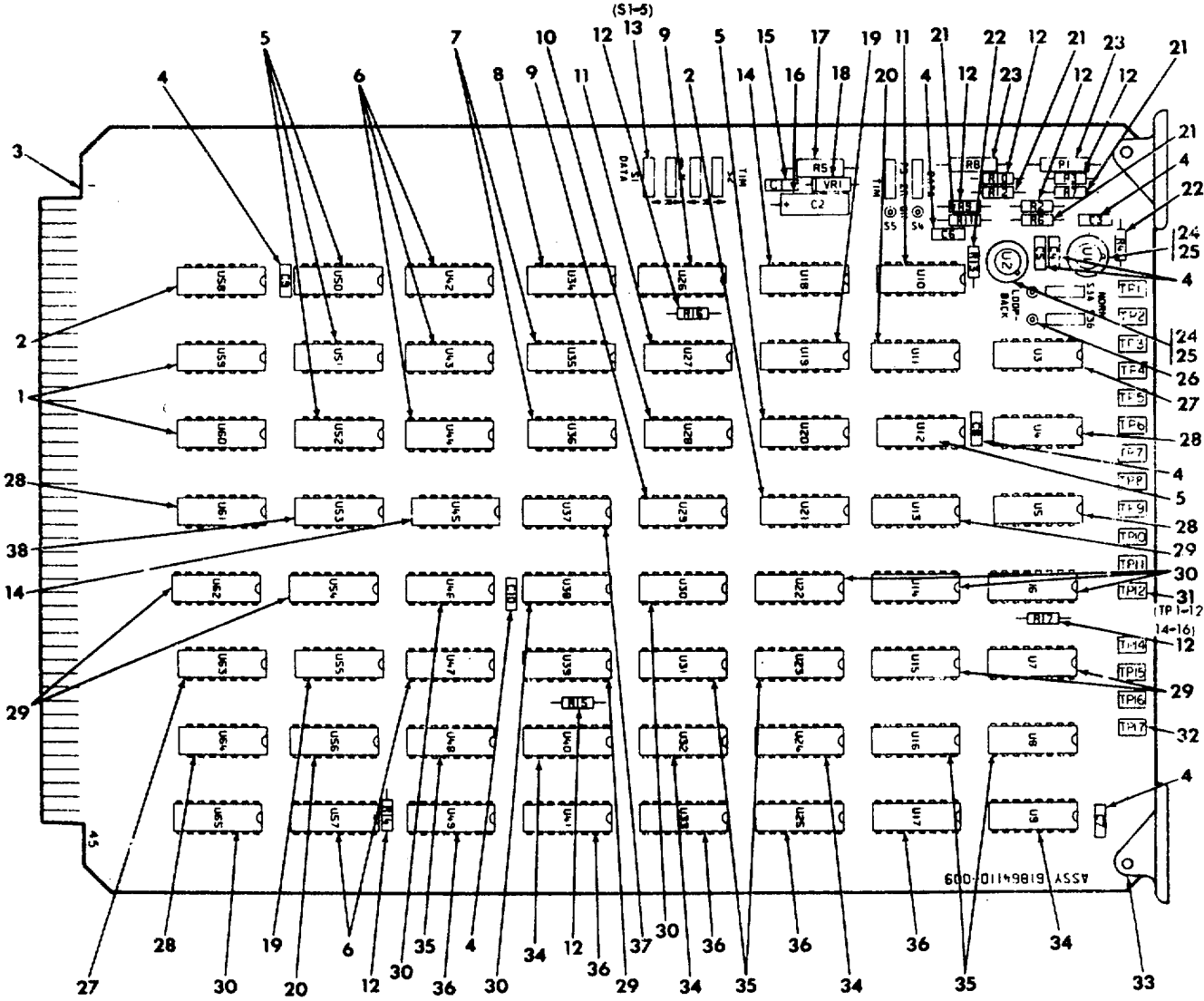
Figure 23. Display Circuit Card Assembly

6186-32

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
			1 2 3 4 5 6 7			
2-	61864050-009	04939	CIRCUIT CARD ASSEMBLY, Display (See FIG.1 for NHA)	REF		
-1	61814288-001	04939	. MICROCIRCUIT, Digital, TTL, 4-bit parallel-..... access shift register, monolithic silicon	2		PADZZN
-2	M8340102-M222JB	81349	. RESISTOR NETWORK .....	2		PADZZN
-3	61864051-001	04939	. PRINTED WIRING BOARD .....	1		XA
-4	M39014-02-1378	81349	. CAPACITOR .....	4		PADZZN
-5	M38510-01401BJB	81349	. MICROCIRCUIT .....	1		PADZZN
-6	M38510-00701BCB	81349	. MICROCIRCUIT .....	7		PADZZN
-7	M38510-00105BCB	81349	. MICROCIRCUIT .....	5		PADZZN
-8	M38510-01306BEB	81349	. MICROCIRCUIT .....	3		PADZZN
-9	M38510-00108BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-10	M38510-00104BCB	81349	. MICROCIRCUIT .....	5		PADZZN
-11	61814201-001	04939	. MICROCIRCUIT, Five bit comparator, TTL, .....	1		PADZZN
			monolithic silicon			
-12	61814046-001	04939	. MICROCIRCUIT, Binary to BCD converter, TL.....	1		PADZZN
			monolithic silicon			
-13	M38510-00101BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-14	M38510-00103BCB	81349	. MICROCIRCUIT .....	3		PADZZN
-15	61814200-001	04939	. MICROCIRCUIT, Digital, TTL, Dual J-K edge.....	2		PADZZN
			triggered flip-flop			
-16	M38510-01402BEC	81349	. MICROCIRCUIT .....	5		PADZZN
-17	61814203-001	04939	. MICROCIRCUIT, Digital, TTL, monostable,.....	1		PADZZN
			multivibrator, monolithic silicon			
-18	JANTX2N2222A	81349	. TRANSISTOR .....	1		PADZZN
-19	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic component .....	1		PADZZN
			(04939 spec cont dwg 61814255-001)			
-20	M39003-01-2257	81349	. CAPACITOR .....	1		PADZZN
-21	RCR07G103JS	81349	. RESISTOR .....	1		PADZZN
-22	RCR07G154JS	81349	. RESISTOR .....	1		PADZZN
-23	6100	23880	. EJECTOR, Card (04939 spec cont dwg 61814250-001)	2		PADZZN
-24	RCR07G102JS	81349	. RESISTOR .....	4		PADZZN
-25	M39024-18-05	81349	. CONNECTOR .....	9		PADZZN
-26	461-287201-03-12	71279	. PLUG, Shorting, electrical (04939 spec cont .....	1		PAOZZN
			dwg 618142654-001)			
-27	645809-1	00779	. CONTACT, Electrical (04939 spec cont dwg .....	6		PADZZN
			61814262-001)			
-28	M39024-18-06	81349	. CONNECTOR .....	1		PADZZN
-29	61814204-001	04939	. MICROCIRCUIT, Eight input priority encoder .....	3		PADZZN
			TTL, monolithic silicon			
-30	M38510-00403BCB	81349	. MICROCIRCUIT .....	3		PADZZN
-31	M38510-00102BCB	81349	. MICROCIRCUIT .....	1		PADZZN



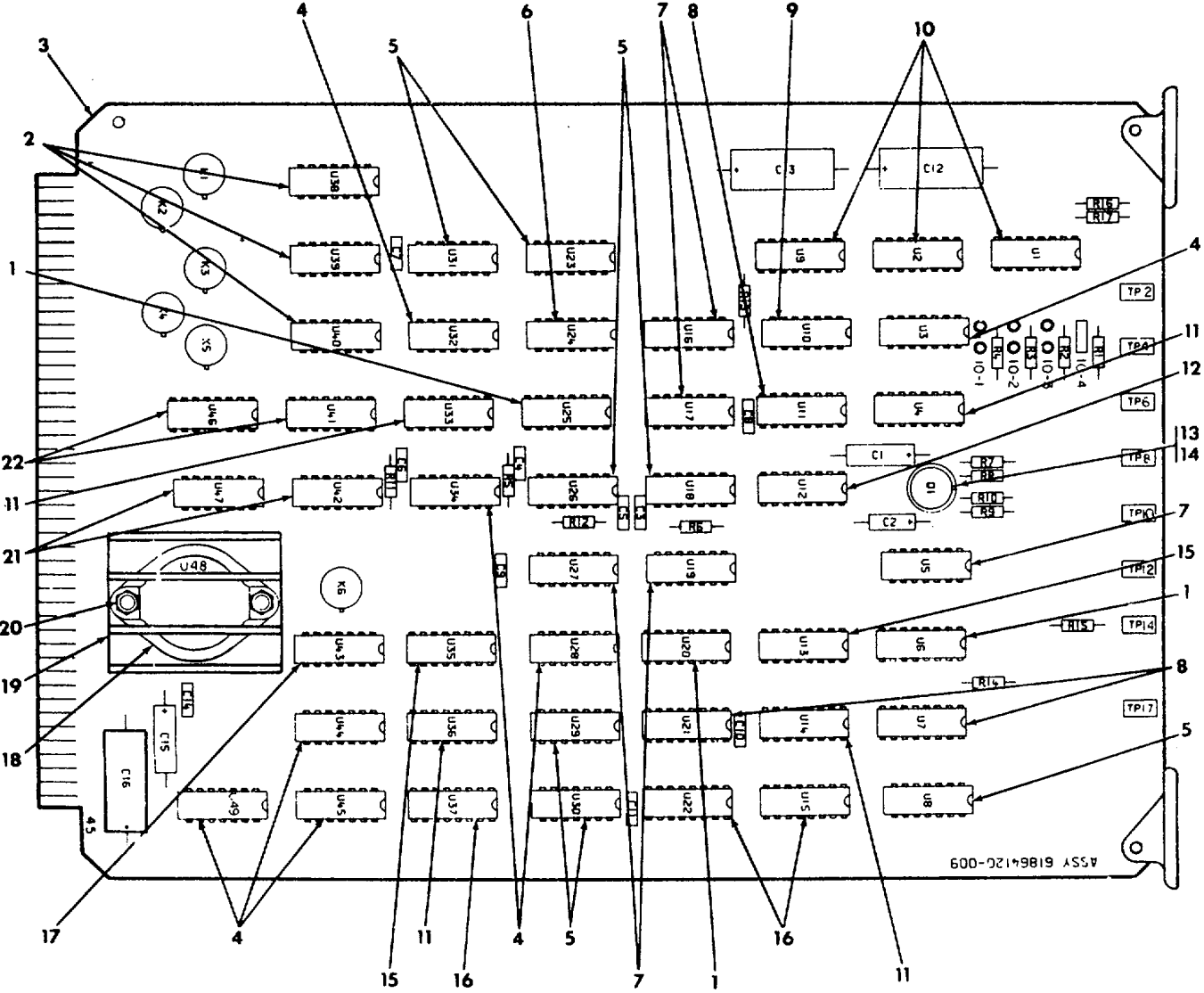


6186-33

Figure 24. Frame Sync Circuit Card Assembly

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
24-	61864110-009	04939	CIRCUIT CARD ASSEMBLY, Frame sync (See FIG. 1 .... for NHA)	REF		
-1	M38510-00103BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-2	M38510-00403BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-3	61864111-001	04939	. PRINTED WIRING BOARD .....	1		XA
-4	M39014-02-1378	81349	. CAPACITOR .....	8		PADZZN
-5	M38510-00401BCB	81349	. MICROCIRCUIT .....	5		PADZZN
-6	M38510-01306BEB	81349	. MICROCIRCUIT .....	5		PADZZN
-7	M38510-00105BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-8	M38510-00102BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-9	61814200-001	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge .....	2		PADZZN
			triggered flip-flop			
-10	M38510-00104BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-11	M38510-00205BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-12	RCR07G102JS	81349	. RESISTOR .....	8		PADZZN
-13	461-2872-01-03-12	71279	. PLUG, Shorting, electrical (04939 spec cont .....	8		PAOZZN
			dwg 61814265-001)			
-14	M38510-00701BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-15	M3901402-1391	81349	. CAPACITOR .....	1		PADZZN
-16	M39003-01-2271	81349	. CAPACITOR .....	1		PADZZN
-17	RCR20G181JS	81349	. RESISTOR .....	1		PADZZN
-18	JANTXIN751A	81349	. SEMICONDUCTOR .....	1		PADZZN
-19	61814281-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, quad .....	2		PADZZN
			2-input positive hand gate, monolithic silicon			
-20	61814286-001	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge .....	2		PADZZN
			triggered flip-flop, monolithic silicon			
-21	RCR07G682JS	81349	. RESISTOR .....	4		PADZZN
-22	RCR07G123JS	81349	. RESISTOR .....	2		PADZZN
-23	RWR80S75ROFM	81349	. RESISTOR .....	2		PADZZN
-24	61814199-001	04939	. MICROCIRCUIT, High-speed differential comparator ....	2		PADZZN
			linear, monolithic silicon			
-25	7717-107DAP	13103	. MOUNTING PAD, Electrical, electronic components .....	2		PADZZN
			(04939 spec cont dwg 61814251-001)			
-26	645809-1	00779	. CONTACT, Electrical (04939 spec cont dwg .....	20		PADZZN
			61814262-001)			
-27	61814282-001	04939	. MICROCIRCUIT, Digital, schottky, TTL .....	2		PADZZN
			monolithic silicon, hex inverter			
-28	61814285-001	04939	. MICROCIRCUIT, Digital, TTL, dual D-type edge .....	4		PADZZN
			triggered flip-flop, monolithic silicon			
-29	M38510-01702BEB	81349	. MICROCIRCUIT .....	6		PADZZN
-30	61814195-001	04939	. MICROCIRCUIT, Digital, TTL, 6-bit identity .....	7		PADZZN
			comparator, monolithic silicon			
-31	M39024-18-05	81349	. CONNECTOR .....	15		PADZZN
-32	M39024-18-06	81349	. CONNECTOR .....	1		PADZZN
-33	610023880		. EJECTOR, Card (04939 spec cont dwg 61814250-001)	2		PADZZN
-34	M38510-01701BEB	81349	. MICROCIRCUIT .....	4		PADZZN
-35	M38510-01403BEB	81349	. MICROCIRCUIT .....	5		PADZZN
-36	61814194-001	04939	. MICROCIRCUIT, Digital, TTL, 64-bit read-write .....	5		PADZZN
			memory, monolithic silicon			
-37	61814287-001	04939	. MICROCIRCUIT, Digital, TTL, synchronous 4-bit .....	1		PADZZN
			up-down binary counter, monolithic silicon			
-38	61814283-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, triple .....	1		PADZZN
			3-input positive hand gate, monolithic silicon			



6186-34

Figure 25. Error Rate Detector and Remote Alarms Circuit Card Assembly (Sheet 1 of 2)

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
25/1-	61864120-009	04939	CIRCUIT CARD ASSEMBLY, Error rate detector and .....	REF		
-1	61814287-001	04939	. MICROCIRCUIT, Digital, TTL, synchronous 4-bit .....	3		PADZZN
-2	M38510-00303BCB	81349	. MICROCIRCUIT .....	3		PADZZN
-3	61864121-001	04939	. PRINTED WIRING BOARD .....	1		XA
-4	M38510-00105BCB	81349	. MICROCIRCUIT .....	7		PADZZN
-5	M38510-00104BCB	81349	. MICROCIRCUIT .....	7		PADZZN
-6	M38510-00401BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-7	M38510-00102BCB	81349	. MICROCIRCUIT .....	5		PADZZN
-8	61814200-001	04939	. MICROCIRCUIT, Digital, TTL. dual J-K edge .....	3		PADZZN
-9	M38510-00504BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-10	61814312-001	04939	. MICROCIRCUIT, Digital, TTL, synchronous .....	3		PADZZN
-11	M38510-01306BEB	81349	. MICROCIRCUIT .....	4		PADZZN
-12	61814203-001	04939	. MICROCIRCUIT, Digital, TTL, monostable .....	1		PADZZN
-13	JANTX2N2920	81349	. TRANSISTOR .....	1		PADZZN
-14	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic components .....	1		PADZZN
-15	61814288-001	04939	. MICROCIRCUIT, Digital, ITL, 4-bit parallel-.....	2		PADZZN
-16	61814201-001	04939	. MICROCIRCUIT, Five-bit comparator, TTL, .....	3		PADZZN
-17	61814282-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, monolithic .....	1		PADZZN
-18	61814291-001	04939	. MICROCIRCUIT, Linear, voltage regulator, 5 volt .....	1		PADZZN
-19	6103C	13103	. HEAT SINK (AP) (04939 spec cont dwg 61814294-001)			1
PADZZN						
-20	MS35206-218	96906	. SCREW (AP).....	2		PADZZN
	NAS620-4L	80205	. WASHER (AP) .....	AR		PADZZN
	NAS671-4	80205	. NUT (AP) .....	2		PADZZN
	MS35333-36	96906	. WASHER AP) .....	2		PADZZN
	MS35338-135	96906	. WASHER (AP) .....	2		PAFZZN
-21	M38510-00302BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-22	M38510-01404BEB	81349	. MICROCIRCUIT .....	2		PADZZN

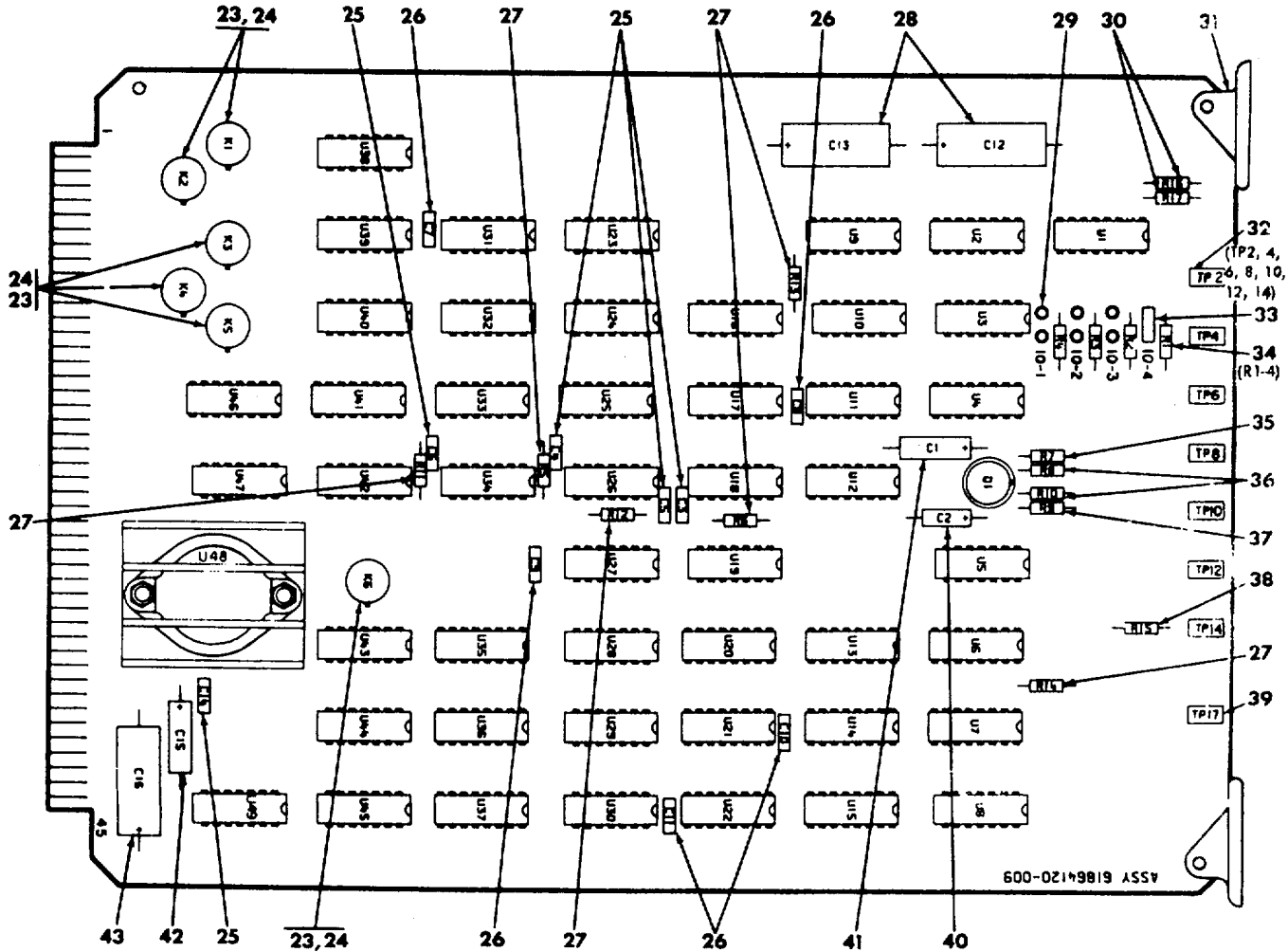
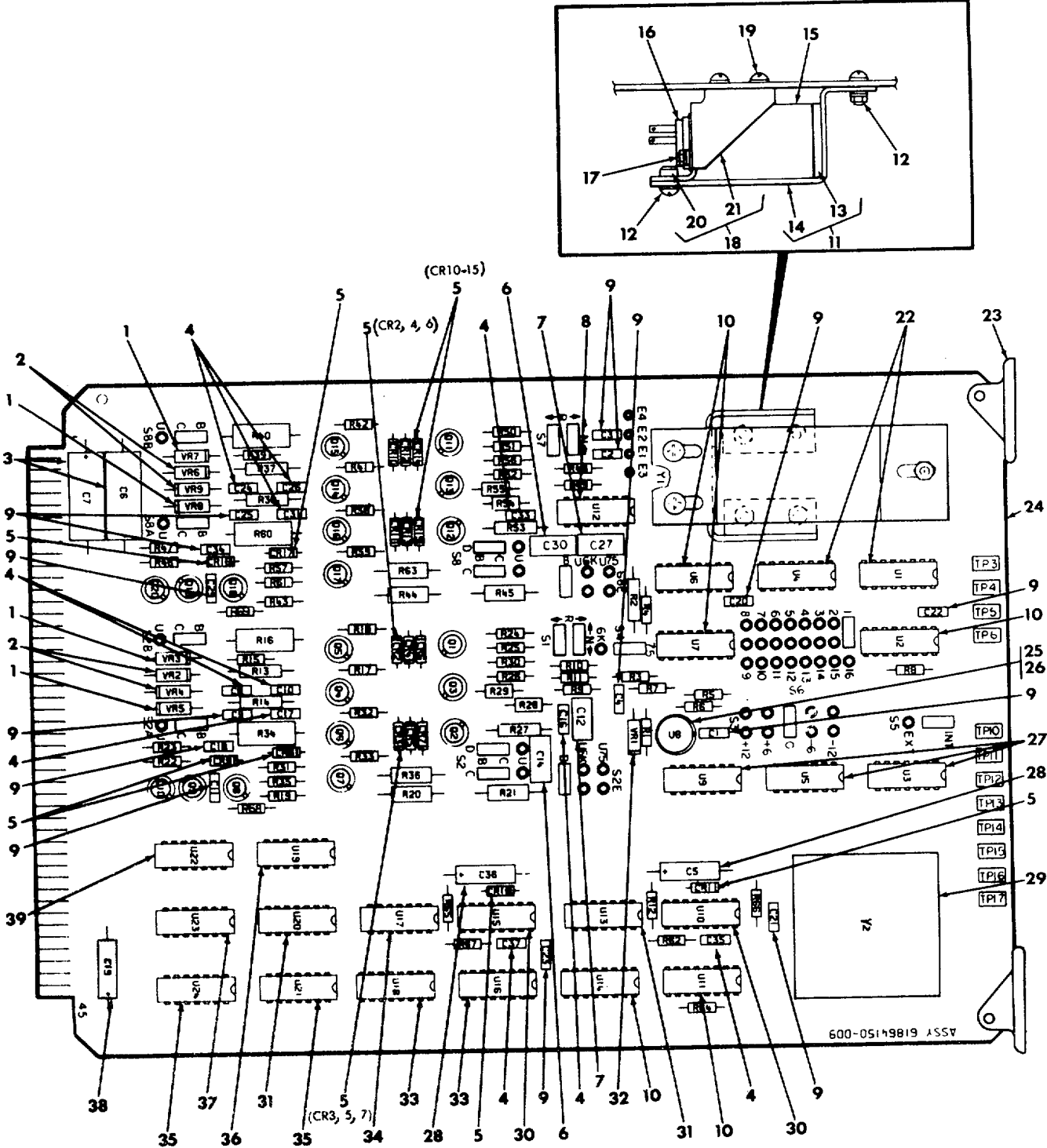


Figure 25. Error Rate Detector and Remote Alarms Circuit Card Assembly (Sheet 2 of 2)

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
25/2-	61864120-009	04939	CIRCUIT CARD ASSEMBLY, Error rate detector and REF remote alarms (See FIG. 1 for NHA)			
-23	M39016-23-001L	81349	. RELAY .....	6		PADZZN
-24	M38527-1-14B1	81349	. MOUNTING PAD .....	6		PADZZN
-25	M39014-02-1391	81349	. CAPACITOR .....	5		PADZZN
-26	M39014-02-1378	81349	. CAPACITOR .....	5		PADZZN
-27	RCR07G102JS	81349	. RESISTOR .....	6		PADZZN
-28	M39003-01-2301	81349	. CAPACITOR .....	2		PADZZN
-29	645809-1	00779	. CONTACT, Electrical (04939 spec cont dwg ..... 61814262-001)	8		PADZZN
-30	RCR07G561JS	81349	. RESISTOR .....	2		PADZZN
-31	6100	23880	. EJECTOR, Card (04939 spec cont dwg 61814250-001)	2		PADZZN
-32	M39024-18-05	81349	. CONNECTOR .....	7		PADZZN
-33	461-2872-01-03-12	71279	. PLUG, Shorting, electrical (04939 spec cont dwg ..... 61814265-001)	1		PAOZZN
-34	RCR07G332JS	81349	. RESISTOR .....	4		PADZZN
-35	RCR07G105JS	81349	. RESISTOR .....	1		PADZZN
-36	RCR07G103JS	81349	. RESISTOR .....	2		PADZZN
-37	RCR07G684JS	81349	. RESISTOR .....	1		PADZZN
-38	RCR07G101JS	81349	. RESISTOR .....	1		PADZZN
-39	M39024-18-06	81349	. CONNECTOR .....	1		PADZZN
-40	M39003-01-2283	81349	. CAPACITOR .....	1		PADZZN
-41	M39003-01-2257	81349	. CAPACITOR .....	1		PADZZN
-42	M39003-01-2271	81349	. CAPACITOR .....	1		PADZZN
-43	M39003-01-2265	81349	. CAPACITOR .....	1		PADZZN

Change 2 2-65



6186-36

Figure 26. Reference Timer Circuit Card Assembly (Sheet 1 of 2)

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
26/1-	618641504009	04939	CIRCUIT CARD ASSEMBLY, Reference timer (See FIG.1REF for NHA)			
-1	JANTX1N752A	81349	. SEMICONDUCTOR .....	4		PADZZN
-2	JANTX1N4370A	81349	. SEMICONDUCTOR .....	4		PADZZN
-3	M39003-01-2301	81349	. CAPACITOR .....	2		PADZZN
-4	M39014-021391	81349	. CAPACITOR .....	10		PADZZN
-5	JANTX1N4153	81349	. SEMICONDUCTOR .....	18		PADZZN
-6	CMR05F151GODL	81349	. CAPACITOR .....	2		PADZZN
-7	CMR05E390GODL	81349	. CAPACITOR .....	2		PADZZN
-8	61814285-001	04939	. MICROCIRCUIT, Digital, TTL, dual D-type edge .....	1		PADZZN
			triggered flip-flop, monolithic silicon			
-9	M39014-021378	81349	. CAPACITOR .....	14		PADZZN
-10	M38510-01306BEB	81349	. MICROCIRCUIT .....	6		PADZZN
-11	61864155-009	04939	. RETAINER ASSEMBLY, Oscillator .....	1		XB
-12	MS35206-214	96906	. SCREW (AP) .....	3		PADZZN
	MS35338-135	96906	. WASHER (AP) .....	3		PAFZZN
	NAS671-4	80205	. NUT (AP) .....	1		PADZZN
	AN960-4L	88044	. WASHER (AP) .....	4		PADZZN
-13	61864155002	04939	. . PAD .....	1		XB
-14	61864155-001	04939	. . RETAINER, Oscillator .....	1		XB
-15	970-3289-12	75378	. OSCILLATOR, RF, Crystal (04939 spec cont .....	1		PADZZN
			dwg 61814130-012)			
-16	M12883-10-01	81349	. SOCKET .....	1		PADZZN
-17	MS24693S2	96906	. SCREW (AP) .....	2		PADZZN
	MS35338-135	96906	. WASHER (AP) .....	1		PAFZZN
	NAS620-4L	80205	. WASHER (AP) .....	4		PADZZN
	NAS671-4	80205	. NUT (AP) .....	2		PADZZN
-18	61864154-009	04939	. BRACKET ASSEMBLY, Oscillator .....	1		XB
-19	MS35206-214	96906	. SCREW (AP) .....	4		PADZZN
	MS35338-135	96906	. WASHER (AP) .....	4		PAFZZN
	NAS620-4L	80205	. WASHER (AP) .....	8		PADZZN
	NAS6714	80205	. NUT (AP) .....	4		PADZZN
-20	M45938-3-3L	81349	. . NUT .....	2		PADZZN
-21	61864154-001	04939	. . BRACKET .....	1		XB
-22	61814286-001	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge .....	2		PADZZN
			triggered flip-flop monolithic silicon			
-23	6100	23880	. EJECTOR, Card (04939 spec cont dwg 61814250-001)	2		PADZZN
-24	61864151-001	04939	. PRINTED WIRING BOARD .....	1		XA
-25	61814199-001	04939	. MICROCIRCUIT, High-speed differential comparator, ..	1		PADZZN
			linear, monolithic silicon			
-26	7717-107DAP1	3103	. MOUNTING PAD, Electrical, electronic components.....	1		PADZZN
			(04939 spec cont dwg 61814251-001)			
-27	61814282-001	04939	. MICROCIRCUIT, Digital, schottky, TTL, monolithic .....	3		PADZZN
			silicon, hex inverter			
-28	M39003-01-2286	81349	. CAPACITOR .....	2		PADZZN
-29	970-3290-2	75378	. OSCILLATOR, RF, Crystal (04939 spec cont dwg .....	1		PADZZN
			61814135-002)			
-30	61814203-001	04939	. MICROCIRCUIT, Digital, TTL, monostable.....	2		PADZZN
			multivibrator, monolithic silicon			
-31	M38510-00104BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-32	JANTXIN751A	81349	. SEMICONDUCTOR .....	1		PADZZN
-33	61814200-001	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge .....	2		PADZZN
			triggered flip-flop			
-34	M38510-00102BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-35	M38510-00302BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-36	M38510-00401BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-37	M38510-00103BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-38	M39003-01-2271	81349	. CAPACITOR .....	1		PADZZN
-39	M38510-00108BCB	81349	. MICROCIRCUIT.....	1		PADZZN

**Change 2 2-67**





MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
26/2-	61864150-009	04939	CIRCUIT CARD ASSEMBLY, Reference timer (See FIG.1REF for NHA)			
-40	RCR07G472JS	81349	. RESISTOR .....	6		PADZZN
-41	JANTX2N2907A	81349	. TRANSISTOR .....	2		PADZZN
-42	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic components..... (04939 spec cont dwg 61814255-001)	20		PADZZN
-43	RCR07G222JS	81349	. RESISTOR .....	4		PADZZN
-44	RCR07G102JS	81349	. RESISTOR .....	9		PADZZN
-45	RCR32G101JS	81349	. RESISTOR .....	4		PADZZN
-46	RWR80S5110FM	81349	. RESISTOR .....	4		PADZZN
-47	JANTX2N3251A	81349	. TRANSISTOR .....	4		PADZZN
-48	JANTX2N2369A	81349	. TRANSISTOR .....	14		PADZZN
-49	RCR07G101JS	81349	. RESISTOR .....	8		PADZZN
-50	RCR20G330JS	81349	. RESISTOR .....	4		PADZZN
-51	RNC55H1151FS	81349	. RESISTOR .....	4		PADZZN
-52	RCR07G471JS	81349	. RESISTOR .....	4		PADZZN
-52A	RNC55H4640FS	81349	. RESISTOR .....	4		PADZZN
-53	RNC55H2371FS	81349	. RESISTOR .....	2		PADZZN
-54	RNC55H9530FS	81349	. RESISTOR .....	2		PADZZN
-55	RWR80S51R1FM	81349	. RESISTOR .....	2		PADZZN
-56	RCR20G390JS	81349	. RESISTOR .....	2		PADZZN
-57	RWR80OS75ROFM	81349	. RESISTOR .....	1		PADZZN
-58	M39024-18-05	81349	. CONNECTOR .....	11		PADZZN
-59	RCR07G332JS	81349	. RESISTOR .....	2		PADZZN
-60	461-2872-01-03-12	71279	. PLUG, Shorting, electrical (04939 spec cont .....	18		PAOZZN
			dwg 61814265-001)			
-61	645809-1	00779	. CONTACT, Electrical (04939 spec cont dwg .....	84		PADZZN
			61814262-001)			
-62	M39024-18-06	81349	. CONNECTOR .....	1		PADZZN
-63	RCR07G154JS	81349	. RESISTOR .....	1		PADZZN
-64	RCR07G473JS	81349	. RESISTOR .....	1		PADZZN
-65	RCR07G273JS	81349	. RESISTOR .....	2		PADZZN
-66	RCR07G103JS	81349	. RESISTOR .....	2		PADZZN
-67	RCR07G331JS	81349	. RESISTOR .....	1		PADZZN

Change 2 2-69

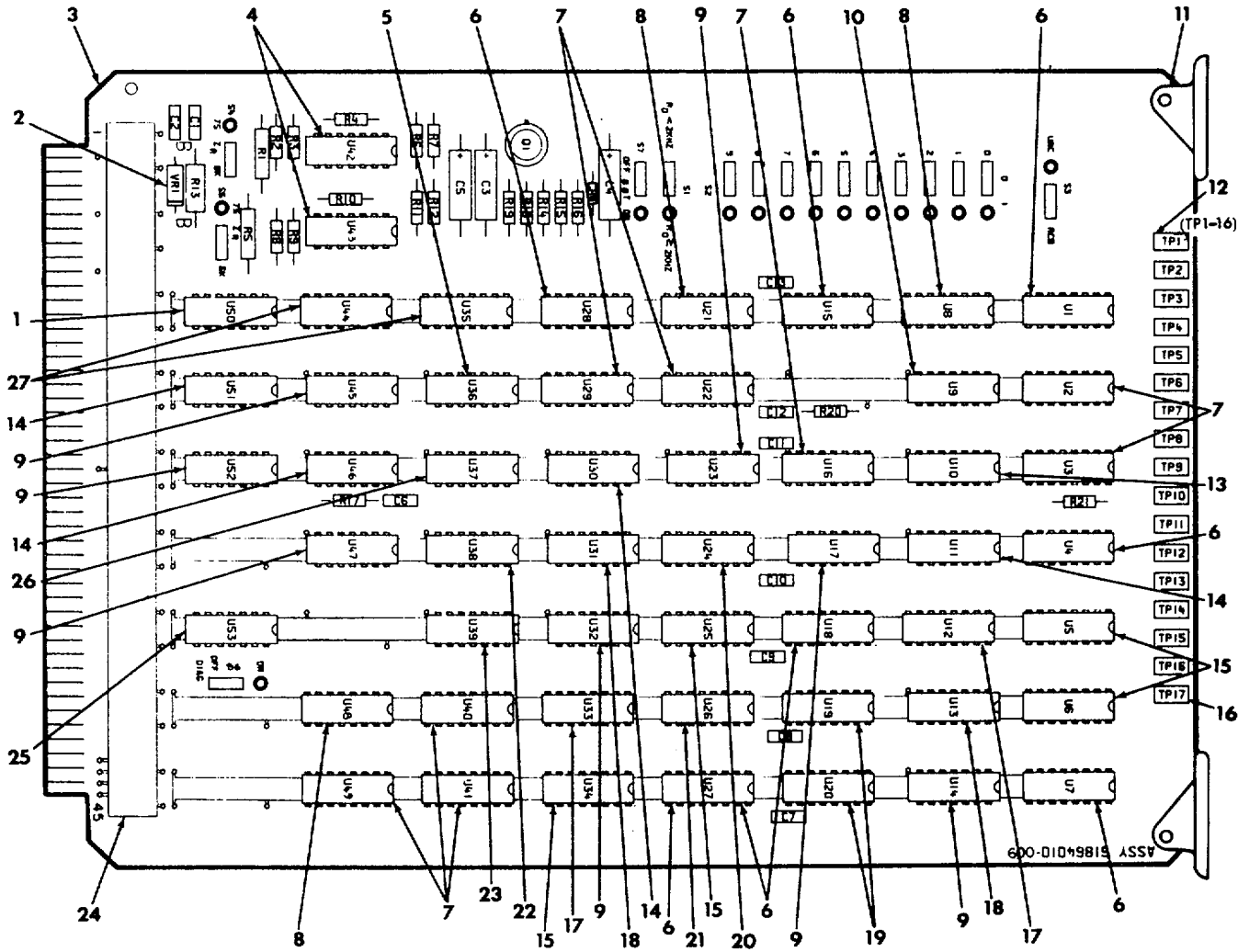


Figure 27. Rate Comparison Buffer Circuit Card Assembly (Sheet 1 of 2)

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	SMR CODE
27/1-	61864010-009	04939	CIRCUIT CARD ASSEMBLY, Rate comparison buffer (See FIG. 1 for NHA)	REF		
-1	M38510-00701BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-2	JANTX1N753A	81349	. SEMICONDUCTOR .....	1		PADZZN
-3	61864011-001	04939	. PRINTED WIRING BOARD .....	1		XA
-4	61814196-001	04939	. MICROCIRCUIT, Dual differential comparator..... monolithic silicon	2		PADZZN
-5	M38510-00102BCB	81349	. MICROCIRCUIT.....	1		PADZZN
-6	M38510-01306BEB	81349	. MICROCIRCUIT.....	7		PADZZN
-7	61814200-001	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge..... triggered flip-flop	8		PADZZN
-8	61814201-001	04939	. MICROCIRCUIT, Five-bit comparator, TTL .....	3		PADZZN
			monolithic silicon			
-9	M38510-00104BCB	81349	. MICROCIRCUIT.....	7		PADZZN
-10	61814281-001	04939	. MICROCIRCUIT, Digital, TTL, quad 2-input .....	1		PADZZN
			positive hand gate, monolithic silicon			
-11	61002	23880	. EJECTOR, Card (04939 spec cont dwg .....	2		PADZZN
			61814250-001)			
-12	M39024-18-05	81349	. CONNECTOR .....	16		PADZZN
-13	61814289-001	04939	. MICROCIRCUIT, Digital, TTL, 8-bit parallel-out..... serial shift register, monolithic silicon	1		PADZZN
-14	M38510-00105BCB	81349	. MICROCIRCUIT.....	4		PADZZN
-15	M38510-01702BEB	81349	. MICROCIRCUIT.....	4		PADZZN
-16	M39024-18-06	81349	. CONNECTOR .....	1		PADZZN
-17	61814192-001	04939	. MICROCIRCUIT, Digital, TTL, 4-bit binary full..... adder, monolithic silicon	2		PADZZN
-18	M38510-00401BCB	81349	. MICROCIRCUIT.....	2		PADZZN
-19	61814202-001	04939	. MICROCIRCUIT, Digital, TTL, 8-bit multiple..... port register	2		PADZZN
-20	61814190-001	04939	. MICROCIRCUIT, Four-bit magnitude comparator, .....	1		PADZZN
			TTL, monolithic silicon			
-21	61814288-001	04939	. MICROCIRCUIT, Digital, TTL, 4-bit parallel-access .....	1		PADZZN
			shift register, monolithic silicon			
-22	61814285-001	04939	. MICROCIRCUIT, Digital, TTL, dual D-type edge..... triggered flip-flop, monolithic silicon	1		PADZZN
-23	M38510-00502BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-24	61860016-002	04939	. BUS BAR, Horizontal .....	1		XB
-25	61814282-001	04939	. MICROCIRCUIT, Digital, TTL, hex inverter,..... monolithic silicon	1		PADZZN
-26	M38510-00403BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-27	61814203-001	04939	. MICROCIRCUIT, Digital, TTL, monostable, .....	2		PADZZN
			multivibrator, monolithic silicon			

Change 1 2-71

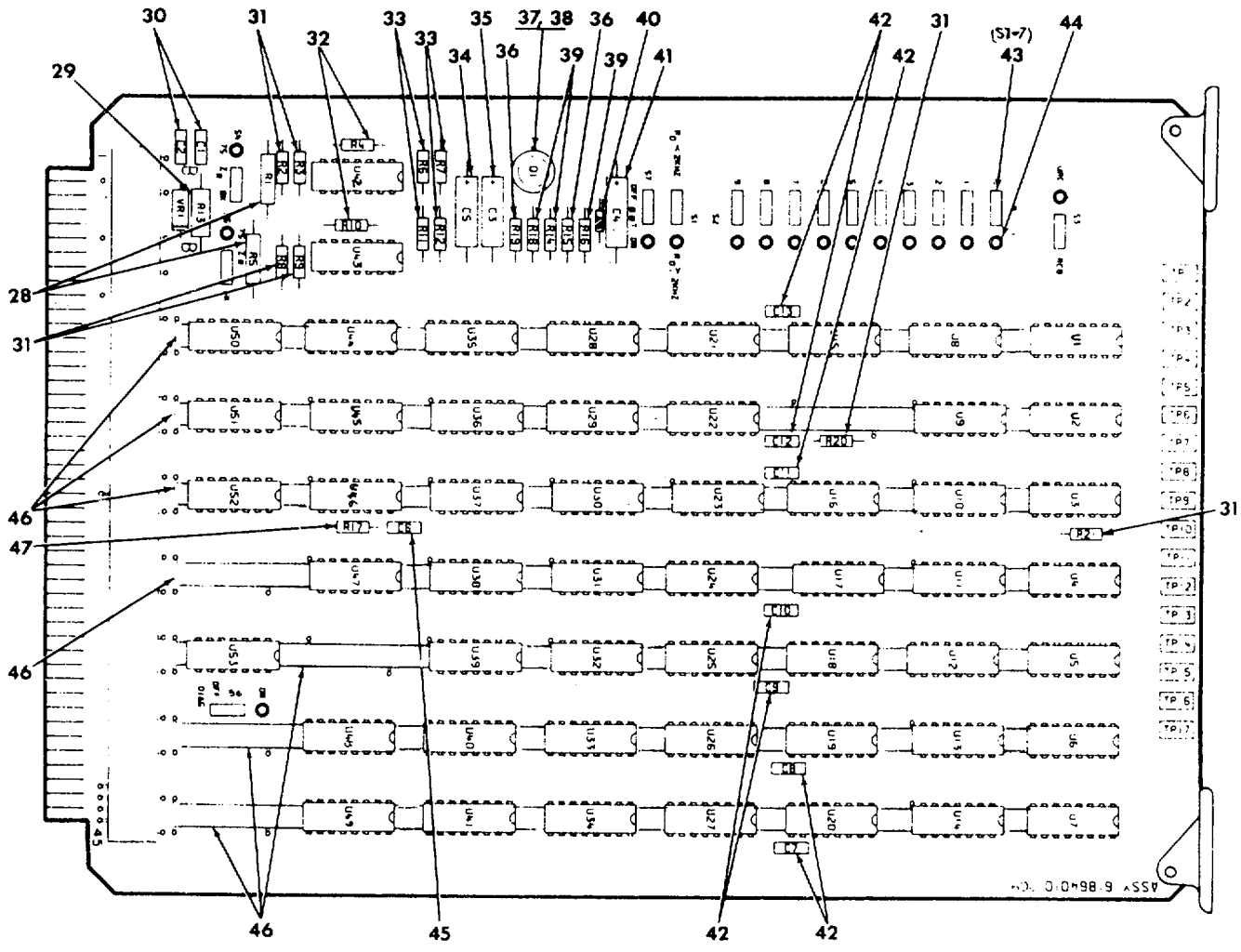
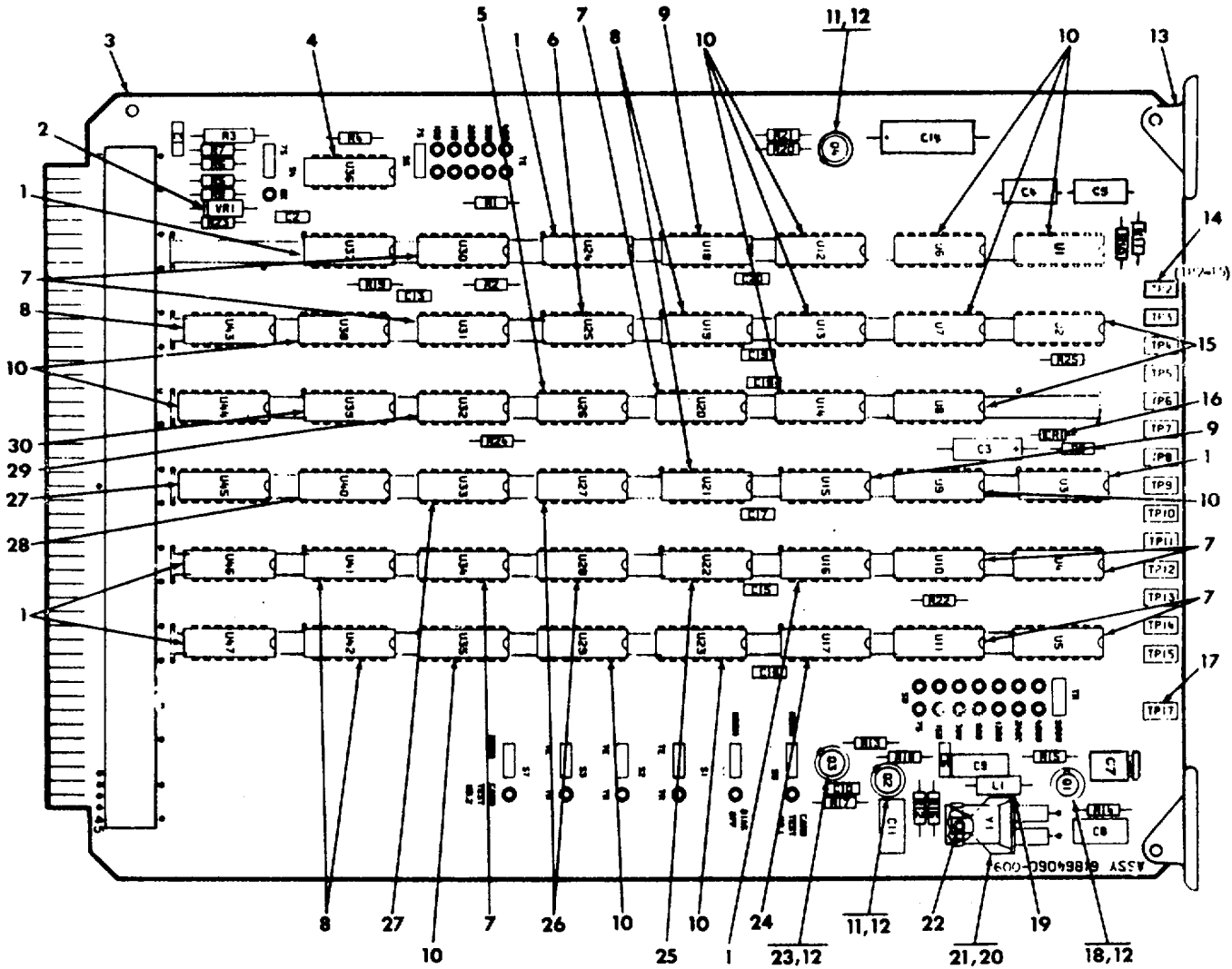


Figure 27. Rate Comparison Buffer Circuit Card Assembly (Sheet 2 of 2)

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
27/2-	61864010-009	04939	CIRCUIT CARD ASSEMBLY, Rate comparison buffer (See . FIG. 1 for NHA)	REF		
-28	RWR80S75R0FM	81349	. RESISTOR .....	2		PADZZN
-29	RCR20G181JS	81349	. RESISTOR .....	1		PADZZN
-30	M39014-02-1391	81349	. CAPACITOR .....	2		PADZZN
-31	RCR07G102JS	81349	. RESISTOR .....	6		PADZZN
-32	RCR07G123JS	81349	. RESISTOR .....	2		PADZZN
-33	RCR07G682JS	81349	. RESISTOR .....	4		PADZZN
-34	M39003-01-2244	81349	. CAPACITOR .....	1		PADZZN
-35	M39003-01-2257	81349	. CAPACITOR .....	1		PADZZN
-36	RCR07G225JS	81349	. RESISTOR .....	2		PADZZN
-37	JANTX2N2920	81349	. TRANSISTOR .....	1		PADZZN
-38	7717-107DAP	13103	. MOUNTING PAD, Electrical. electronic components .... (04939 spec cont dwg 61814251-001)	1		PADZZN
-39	RCR07G103JS	81349	. RESISTOR .....	3		PADZZN
-40	JANTXIN4153	81349	. SEMICONDUCTOR .....	1		PADZZN
-41	M39003-01-2289	81349	. CAPACITOR .....	1		PADZZN
-42	M39014-02-1378	81349	. CAPACITOR .....	7		PADZZN
-43	461-2872-01-03-12	71279	. PLUG, Shorting, electrical (04939 spec cont .....	16		PAOZZN
-44	645809-1	00779	. CONTACT, Electrical (04939 spec cont dwg .....	48		PADZZN
-45	M39014-02-1369	81349	. CAPACITOR .....	1		PADZZN
-46	61860015-001	04939	. BUS BAR, Vertical .....	7		XB
-47	RCR07G470JS	81349	. RESISTOR .....	1		PADZZN



6186-40

Figure 28. Transition Encoder and Timing Recovery Circuit Card Assembly (Sheet 1 of 2)

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	SMR CODE
28/1-	61864060-009	04939	CIRCUIT CARD ASSEMBLY, Transition encoder and timing recovery (See FIG 1 for NHA)	REF		
-1	M38510-00105BCB	81349	. MICROCIRCUIT .....	6		PADZZN
-2	JANTXIN753A	81349	. SEMICONDUCTOR .....	1		PADZZN
-3	61864061-001	04939	. PRINTED WIRING BOARD .....	1		XA
-4	61814196-001	04939	. MICROCIRCUIT, Dual differential comparator..... monolithic silicon	1		PADZZN
-5	61814288-04)01	81349	. MICROCIRCUIT, Digital, TTL, 4-bit parallel-access ..... shift register, monolithic silicon	1		PADZZN
-6	M38510-00103BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-7	M38510-01306BEB	81349	. MICROCIRCUIT .....	8		PADZZN
-8	M38510-00104BCB	81349	. MICROCIRCUIT .....	5		PADZZN
-9	M38510-00701BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-10	61814200-001	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge ..... triggered flip-flop	12		PADZZN
-11	JANTX2N2222A	81349	. TRANSISTOR .....	2		PADZZN
-12	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic component s.... (04939 spec cont dwg 61814255-001)	4		PADZZN
-13	6100	23880	. EJECTOR, Card (04939 spec cont dwg 61814250-001)	2		PADZZN
-14	M39024-18-05	81349	. CONNECTOR .....	14		PADZZN
-15	61814203-001	04939	. MICROCIRCUIT, Digital, TTL. monostable..... multivibrator, monolithic silicon	2		PADZZN
-16	JANTXIN4153	81349	. SEMICONDUCTOR .....	1		PADZZN
-17	M39024-18-06	81349	. CONNECTOR .....	1		PADZZN
-18	JANTX2N3822	81349	. TRANSISTOR .....	1		PADZZN
-19	MS90538-20	96906	. COIL .....	1		PADZZN
-20	8004-1G17	91506	. SOCKET, Crystal (04939 spec cont dwg 61814267-001)	1		PADZZN
-21	CR78U9-8304MHZ	81349	. CRYSTAL, Quartz, piezoelectric (04939 spec cont ..... dwg 61814131-001)	1		PADZZN
-22	MR34	23730	. EYELET, Metallic (04939 spec cont dwg..... 61814253-001)	1		PADZZN
-23	JANTX2N2369A	81349	. TRANSISTOR .....	1		PADZZN
-24	M38510-00102BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-25	M38510-00502BCB	81349	. MICROCIRCUIT.....	1		PADZZN
-26	61814202-001	04939	. MICROCIRCUIT, Digital, TTL, 8-bit multiple..... port register	2		PADZZN
-27	M38510-01702BEB	81349	. MICROCIRCUIT .....	2		PADZZN
-28	61814192-001	04939	. MICROCIRCUIT, Digital, TTL, 4-bit binary full ..... adder. monolithic silicon	1		PADZZN
-29	61814201-001	04939	. MICROCIRCUIT, TTL, five-bit comparator .....	1		PADZZN
-30	M38510-00401BCB	81349	. MICROCIRCUIT .....	1		PADZZN



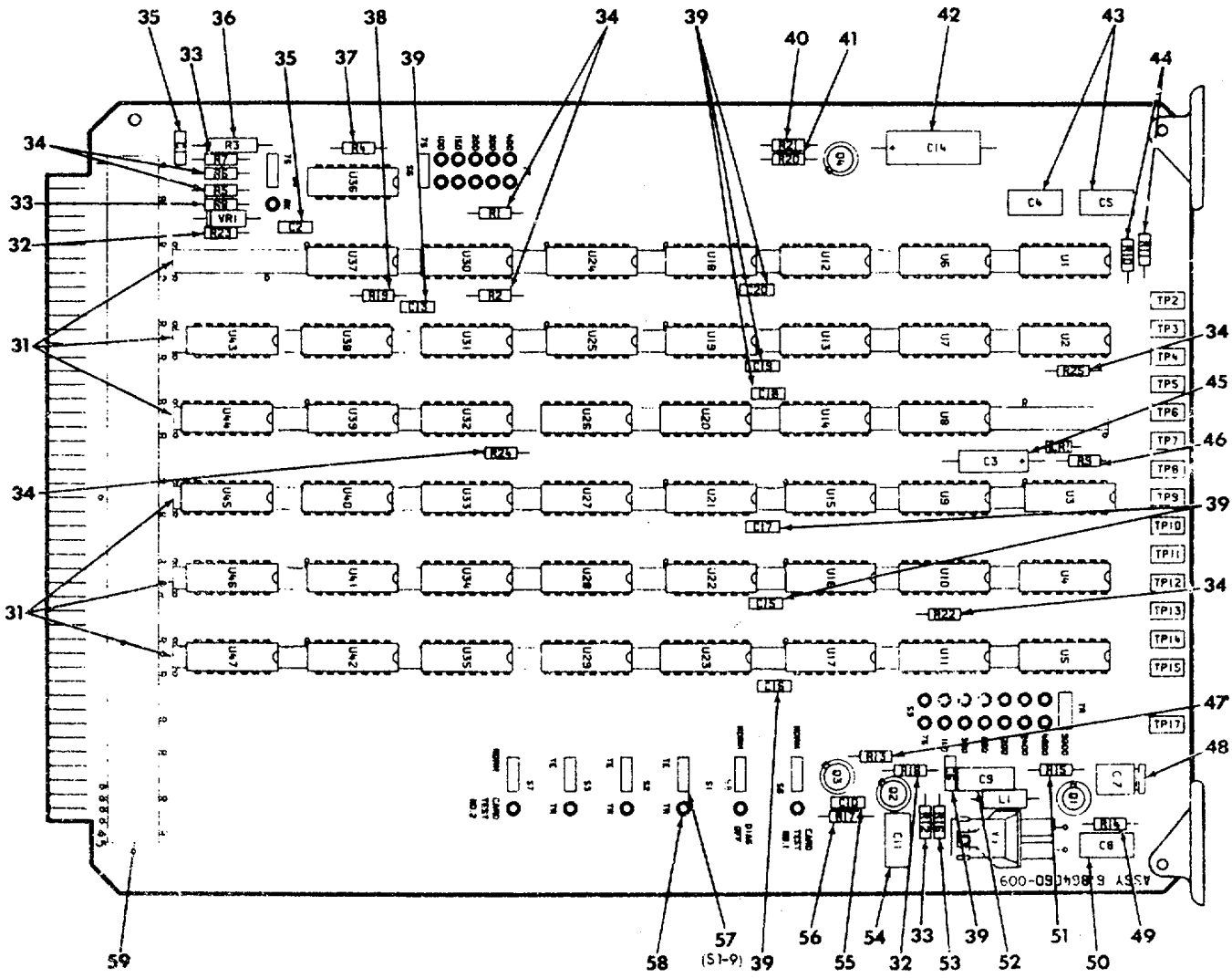


Figure 28. Transition Encoder and Timing Recovery Circuit Card Assembly (Sheet 2 of 2)

6186-41

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
28/2-	61864060-009	04939	CIRCUIT CARD ASSEMBLY, Transition encoder and ..... timing recovery (See FIG. 1 for NHA)	REF		
-31	61860015-001	04939	. BUS BAR, Vertical.....	6		XB
-32	RCR07G271JS	81349	. RESISTOR .....	2		PADZZN
-33	RCR07G682JS	81349	. RESISTOR.....	3		PADZZN
-34	RCR07G102JS	81349	. RESISTOR.....	7		PADZZN
-35	M39014-02-1391	81349	. CAPACITOR .....	2		PADZZN
-36	RWR80S75R0FM	81349	. RESISTOR .....	1		PADZZN
-37	RCR07G123JS	81349	. RESISTOR .....	1		PADZZN
-38	RCR07G222JS	81349	. RESISTOR .....	1		PADZZN
-39	M39014-02-1378	81349	. CAPACITOR .....	8		PADZZN
-40	RCR07G223JS	81349	. RESISTOR.....	1		PADZZN
-41	RCR07G684JS	81349	. RESISTOR .....	1		PADZZN
-42	M39003-01-2274	81349	. CAPACITOR .....	1		PADZZN
-43	CMR05E680GODL	81349	. CAPACITOR .....	2		PADZZN
-44	RCR07G472JS	81349	. RESISTOR .....	2		PADZZN
-45	M39003-01-2286	81349	. CAPACITOR.....	1		PADZZN
-46	RCR07G103JS	81349	. RESISTOR.....	1		PADZZN
-47	RCR07G561JS	81349	. RESISTOR.....	1		PADZZN
-48	PC26J100	81349	. CAPACITOR .....	1		PADZZN
-49	RCR07G105JS	81349	. RESISTOR .....	1		PADZZN
-50	CMR05E270GODL	81349	. CAPACITOR .....	1		PADZZN
-51	RCR07G221JS	81349	. RESISTOR.....	1		PADZZN
-52	CMR05FI01GODL	81349	. CAPACITOR .....	1		PADZZN
-53	RCR07G273JS	81349	. RESISTOR .....	1		PADZZN
-54	CMR05F391GODL	81349	. CAPACITOR .....	1		PADZZN
-55	M39014-01-1379	81349	. CAPACITOR .....	1		PADZZN
-56	RCR07G681JS	81349	. RESISTOR .....	1		PADZZN
-57	461-2872-01-03-12	71279	. PLUG, Shorting, electrical (04939 spec cont dwg..... 61814265-001)	9		PAOZZN
-58	645809-1	00779	. CONTACT, Electrical (04939 spec cont dwg..... 61814262-001)	49		PADZZN
-59	61860016-002	04939	. BUS BAR, Horizontal .....	1		XB

Change 1 2-77

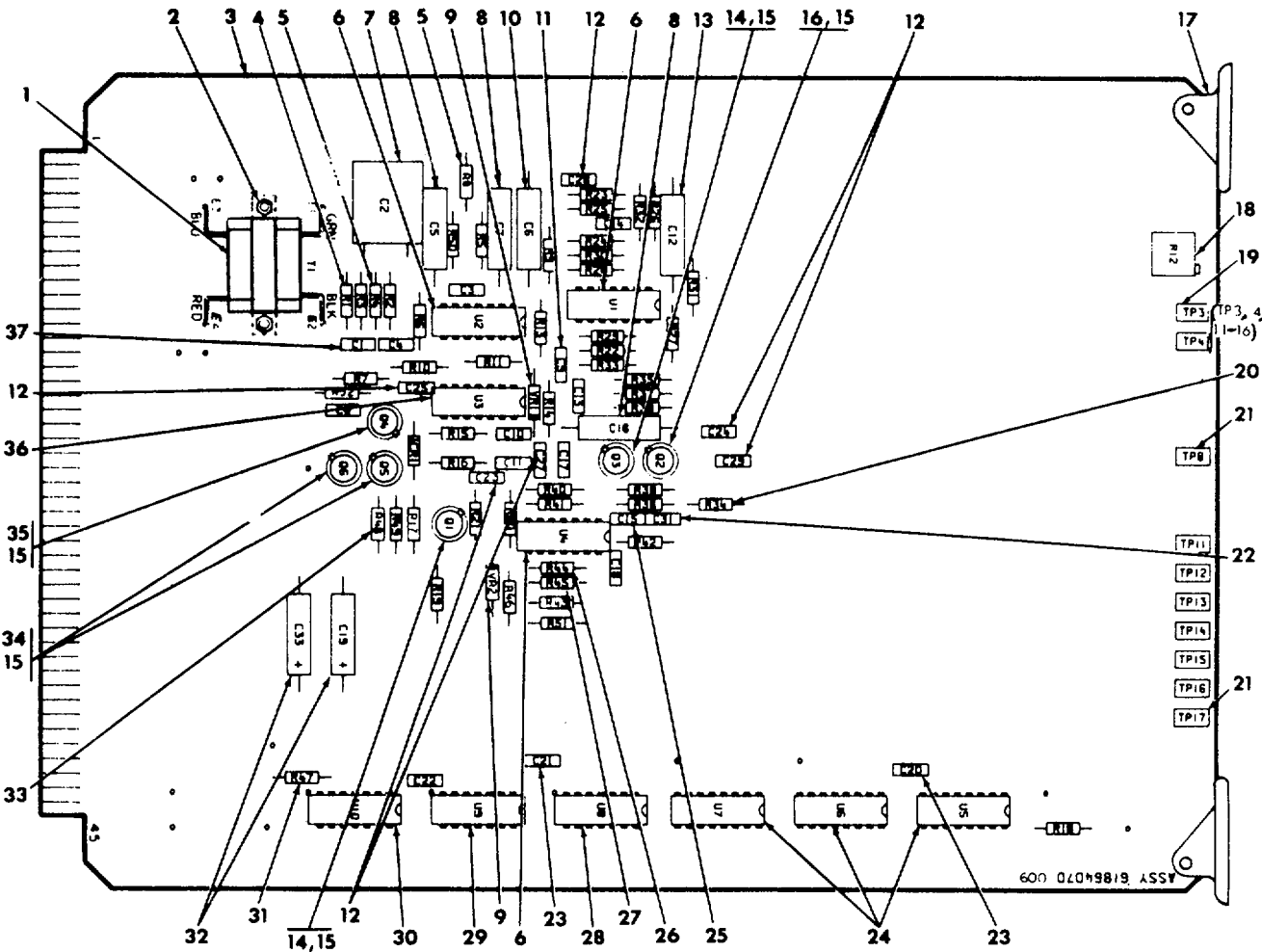
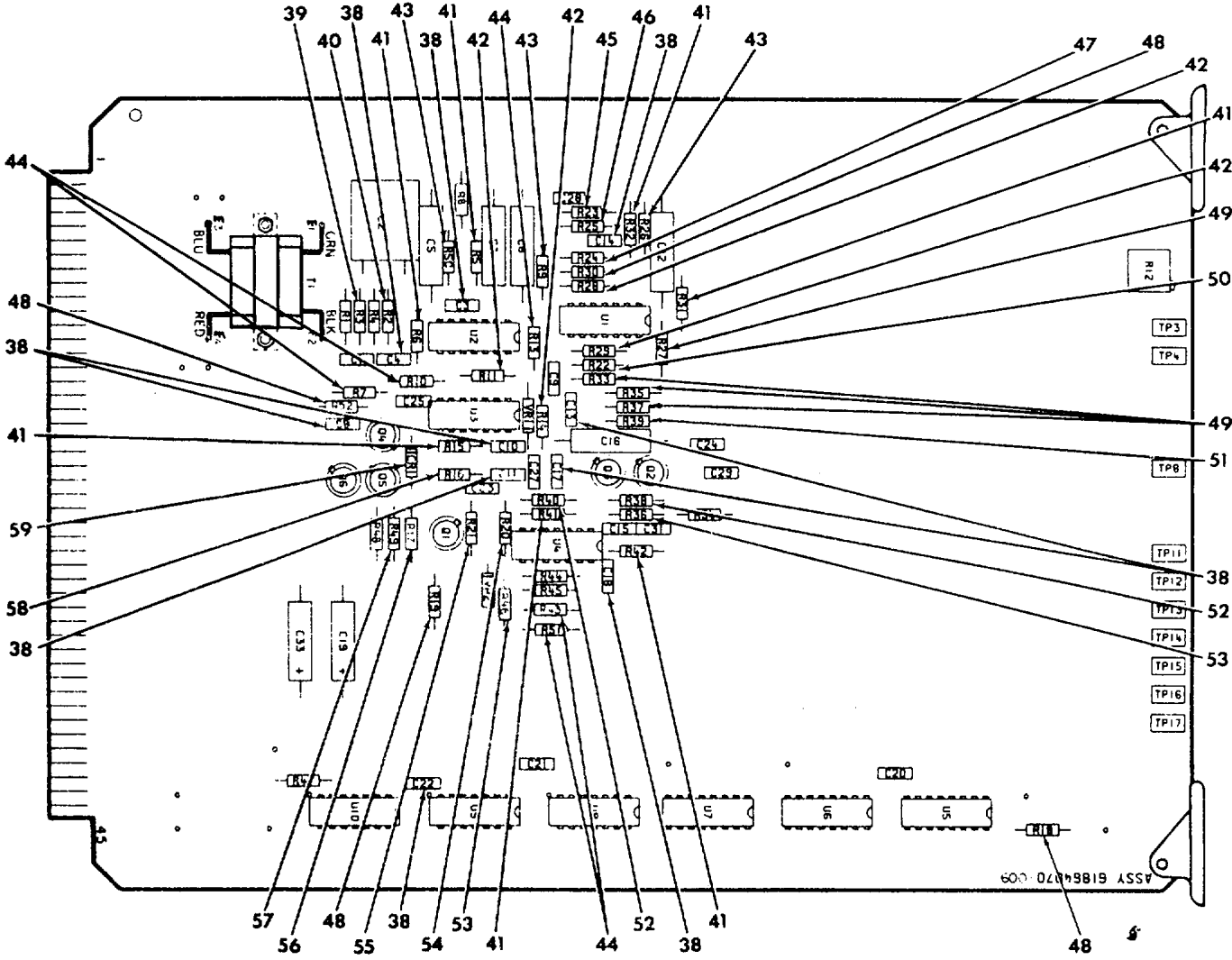


Figure 29. Voice Encoder Circuit Card Assembly (Sheet 1 of 2)

6186-42

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
29/1-	61864070-009	04939	CIRCUIT CARD ASSEMBLY, Voice encoder (See FIG.1.. for NHA)	REF		
-1	M6955	00348	TRANSFORMER, Audio frequency (04939 spec cont ..... dwg 61814237-001)	1		PADZZN
-2	NAS671-2	80205	. NUT (AP) .....	2		PADZZN
	NAS620-3	80205	. WASHER (AP) .....	4		PADZZN
	MS35338-134	96906	. WASHER (AP) .....	2		PADZZN
	MS35206-203	96906	. SCREW (AP) .....	2		PADZZN
-3	61864071-001	04939	. PRINTED WIRING BOARD .....	1		XA
-4	RNC55H6190FS	81349	. RESISTOR .....	1		PADZZN
-5	RNC55H6811FS	81349	. RESISTOR .....	2		PADZZN
-6	M38510-10102BCB	81349	. MICROCIRCUIT .....	3		PADZZN
-7	CMR06F102GODL	81349	. CAPACITOR .....	1		PADZZN
-8	M83421-01-1172P	81349	. CAPACITOR .....	3		PADZZN
-9	JANTX1N753A	81349	. SEMICONDUCTOR .....	2		PADZZN
-10	M83421-01-1118P	81349	. CAPACITOR .....	1		PADZZN
-11	M39014-01-1391	81349	. CAPACITOR .....	1		PADZZN
-12	M39014-02-1383	81349	. CAPACITOR .....	6		PADZZN
-13	M83421-01-1160P	81349	. CAPACITOR .....	1		PADZZN
-14	JANTX2N2432	81349	. TRANSISTOR .....	2		PADZZN
-15	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic .....	6		PADZZN
			components (04939 spec cont dwg 61814255-001)			
-16	JANTX2N2945A	81349	. TRANSISTOR .....	1		PADZZN
-17	6100	23880	. EJECTOR, Card (04939 spec cont dwg 61814250-001)	2		PADZZN
-18	RJ24FP103	81349	. RESISTOR .....	1		PADZZN
-19	M39024-18-05	81349	. CONNECTOR .....	8		PADZZN
-20	RCR07G123JS	81349	. RESISTOR .....	1		PADZZN
-21	M39024-18-06	81349	. CONNECTOR .....	2		PADZZN
-22	M39014-01-1379	81349	. CAPACITOR .....	1		PADZZN
-23	M39014-02-1378	81349	. CAPACITOR .....	2		PADZZN
-24	61814200-001	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge .....	3		PADZZN
			triggered flip-flop			
-25	M39014-01-1385	81349	. CAPACITOR .....	1		PADZZN
-26	RNC55H3481FS	81349	. RESISTOR .....	1		PADZZN
-27	RNC55H1962FS	81349	. RESISTOR .....	1		PADZZN
-28	M38510-00103BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-29	M38510-00105BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-30	M38510-00303BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-31	RCR07G222JS	81349	. RESISTOR .....	1		PADZZN
-32	M39003-01-2271	81349	. CAPACITOR .....	2		PADZZN
-33	RCR07G682JS	81349	. RESISTOR .....	1		PADZZN
-34	JANTX2N2369A	81349	. TRANSISTOR .....	2		PADZZN
-35	JANTX2N2907A	81349	. TRANSISTOR .....	1		PADZZN
-36	61814196-001	04939	. MICROCIRCUIT, Dual differential comparator .....	1		PADZZN
			monolithic silicon			
-37	M39014-02-1375	81349	. CAPACITOR .....	1		PADZZN



6186-43

Figure 29. Voice Encoder Circuit Card Assembly (Sheet 2 of 2)

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
29/2-	61864070-009	04939	CIRCUIT CARD ASSEMBLY, Voice encoder (See FIG.1.. for NHA)	REF		
-38	M39014-02-1391	81349	. CAPACITOR .....	10		PADZZN
-39	RNC55H1212FS	81349	. RESISTOR .....	1		PADZZN
40	RNC55H2262FS	81349	. RESISTOR .....	1		PADZZN
41	RCR07G330JS	81349	. RESISTOR .....	7		PADZZN
42	RNC55H2151FS	81349	. RESISTOR .....	4		PADZZN
-43	RNC55H1003FS	81349	. RESISTOR .....	3		PADZZN
-44	RCR07G104JS	81349	. RESISTOR .....	5		PADZZN
-45	RNC55H8252FS	81349	. RESISTOR .....	1		PADZZN
-46	RNC55H3320FS	81349	. RESISTOR .....	1		PADZZN
-47	RCR07G223JS	81349	. RESISTOR .....	1		PADZZN
-48	RCR07G102JS	81349	. RESISTOR .....	4		PADZZN
-49	RNC55H1002FS	81349	. RESISTOR .....	4		PADZZN
-50	RNC55H4022FS	81349	. RESISTOR .....	1		PADZZN
-51	RNC55H2052FS	81349	. RESISTOR .....	1		PADZZN
-52	RCR07G103JS	81349	. RESISTOR .....	2		PADZZN
-53	RCR07G272JS	81349	. RESISTOR .....	2		PADZZN
-54	RNC55H4021FS	81349	. RESISTOR .....	1		PADZZN
-55	RCR07G681JS	81349	. RESISTOR .....	1		PADZZN
-56	RCR07G332JS	81349	. RESISTOR .....	1		PADZZN
-57	RCR07G472JS	81349	. RESISTOR .....	1		PADZZN
-58	RCR07G391JS	81349	. RESISTOR .....	1		PADZZN
-59	JANTX1N4153	81349	. SEMICONDUCTOR .....	1		PADZZN

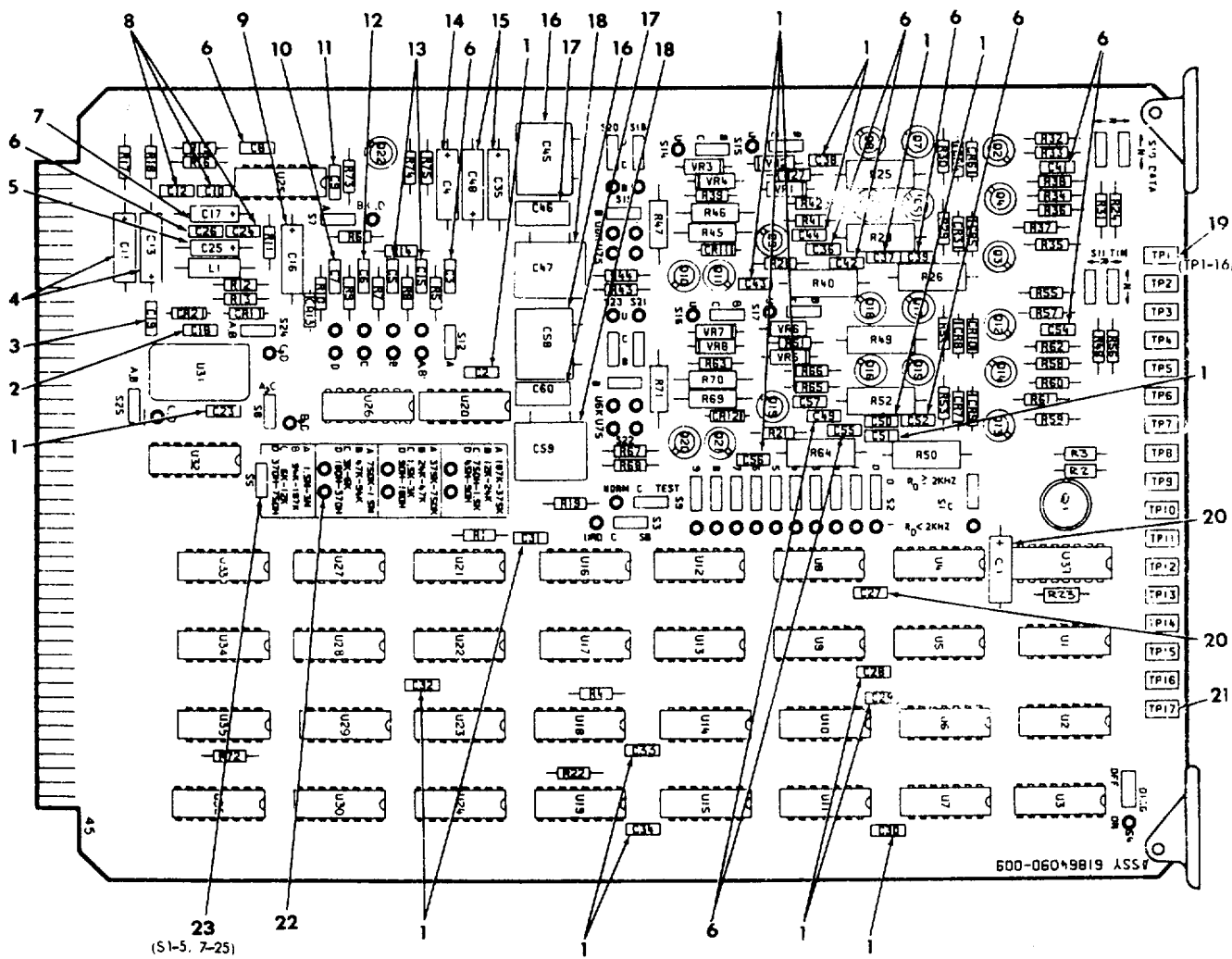


Figure 30. Smoothing Buffer Circuit Card Assembly (Sheet 1 of 3)

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
30/1-	61864090-009	04939	CIRCUIT CARD ASSEMBLY, Smoothing buffer (See ..... FIG. 1 for NHA)	REF		
-1	M39014-02-1378	81349	. CAPACITOR .....	18		PADZZN
-2	M39014-02-1362	81349	. CAPACITOR .....	1		PADZZN
-3	M39014-02-1387	81349	. CAPACITOR .....	1		PADZZN
-4	M39003-01-2286	81349	. CAPACITOR .....	2		PADZZN
-5	M39003-01-2254	81349	. CAPACITOR .....	1		PADZZN
-6	M39014-02-1391	81349	. CAPACITOR .....	11		PADZZN
-7	M39003-01-2356	81349	. CAPACITOR .....	1		PADZZN
-8	M39014-01-1397	81349	. CAPACITOR .....	3		PADZZN
-9	61814309-001	04939	. CAPACITOR, Fixed, electrolytic, tantalum ..... established reliability	1		PADZZN
-10	M39014-02-1393	81349	. CAPACITOR .....	1		PADZZN
-11	M39014-01-1394	81349	. CAPACITOR .....	1		PADZZN
-12	M39014-02-1385	81349	. CAPACITOR .....	1		PADZZN
-13	M39014-02-1383	81349	. CAPACITOR .....	2		PADZZN
-14	M39003-01-2304	81349	. CAPACITOR .....	1		PADZZN
-15	M39003-01-2289	81349	. CAPACITOR .....	2		PADZZN
-16	CMR06F821GODL	81349	. CAPACITOR .....	2		PADZZN
-17	CMR05F331GODL	81349	. CAPACITOR .....	2		PADZZN
-18	CMR06F681GODL	81349	. CAPACITOR .....	2		PADZZN
-19	M39024-18-05	81349	. CONNECTOR .....	16		PADZZN
-20	M39003-01-2257	81349	. CAPACITOR .....	1		PADZZN
-21	M39024-18-06	81349	. CONNECTOR .....	1		PADZZN
-22	645809-1	00779	. CONTACT, Electrical (04939 spec cont dwg ..... 61814262-001)	116		PADZZN
-23	461-2872-01-03-12	71279	. PLUG, Shorting, electrical (04939 spec cont dwg ..... 61814265-001)	34		PAOZZN



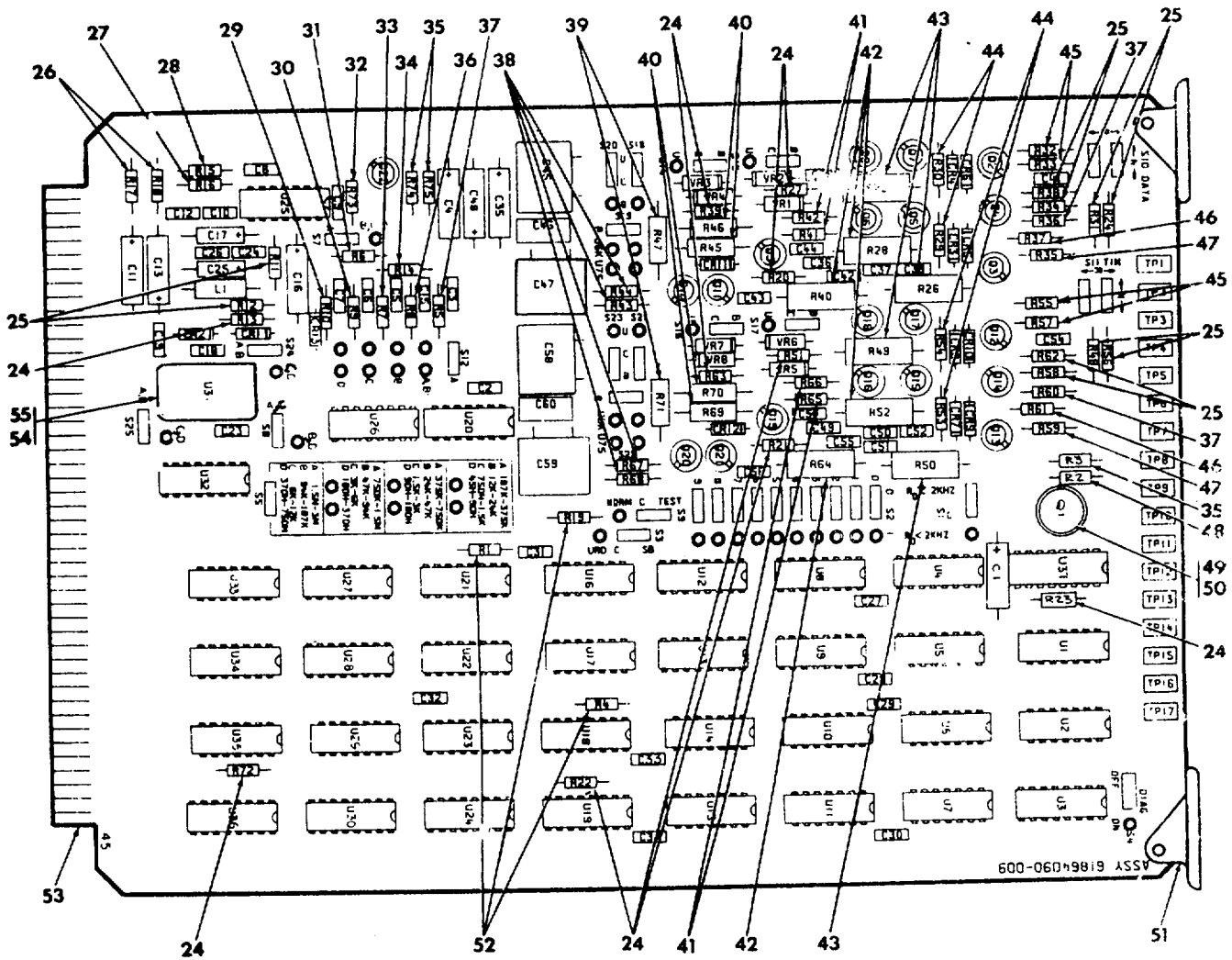


Figure 30. Smoothing Buffer Circuit Card Assembly (Sheet 2 of 3)

6186-45

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
30/2	61864090-009	04939	CIRCUIT CARD ASSEMBLY, Smoothing buffer (See FIG.1 . for NHA)	REF		
-24	RCR07G102JS	81349	. RESISTOR .....	10		PADZZN
-25	RCR07G471JS	81349	. RESISTOR .....	1		PADZZN
-26	RCR07G470JS	81349	. RESISTOR .....	2		PADZZN
-27	RCR07G334JS	81349	. RESISTOR .....	1		PADZZN
-28	RCR07G104JS	81349	. RESISTOR .....	1		PADZZN
-29	RCR07G684JS	81349	. RESISTOR .....	1		PADZZN
-30	RCR07G274JS	81349	. RESISTOR .....	1		PADZZN
-31	RCR07G155JS	81349	. RESISTOR .....	1		PADZZN
-32	RCR07G223JS	81349	. RESISTOR .....	1		PADZZN
-33	RCR07G823JS	81349	. RESISTOR .....	1		PADZZN
-34	RCR07G333JS	81349	. RESISTOR .....	1		PADZZN
-35	RCR07G225JS	81349	. RESISTOR .....	1		PADZZN
-36	RCR07G183JS	81349	. RESISTOR .....	1		PADZZN
-37	RCR07G152JS	81349	. RESISTOR .....	3		PADZZN
-38	RCR07G472JS	81349	. RESISTOR .....	4		PADZZN
-39	RCR20G390JS	81349	. RESISTOR .....	2		PADZZN
-10	RCR20G330JS	81349	. RESISTOR .....	4		PADZZN
-41	RCR07G222JS	81349	. RESISTOR .....	4		PADZZN
-42	RCR32G101JS	81349	. RESISTOR .....	4		PADZZN
-43	RCR32G122JS	81349	. RESISTOR .....	4		PADZZN
-44	RCR07G101JS	81349	. RESISTOR .....	4		PADZZN
-45	RCR07G1221JS	81349	. RESISTOR .....	4		PADZZN
-46	RCR07G3921S	81349	. RESISTOR .....	2		PADZZN
-47	RCR07G121JS	81349	. RESISTOR .....	2		PADZZN
-48	RCR07G103JS	81349	. RESISTOR .....	1		PADZZN
-49	JANTX2N2920	81349	. TRANSISTOR .....	1		PADZZN
-50	7717-107DAP	13103	. MOUNTING PAD, Electrical, electronic components..... (04939 spec cont dwg 61814251-001)	1		PADZZN
-51	6100	23880	. EJECTOR, Card (04939 spec cont dwg ..... 61814250-001)	2		PADZZN
-52	RCR07G332JS	81349	. RESISTOR .....	3		PADZZN
-53	61864091-001	04939	. PRINTED WIRING BOARD .....	1		XA
-54	61814318-001	04939	. MICROCIRCUIT, Shielded, TTL, voltage ..... controlled multivibrator	1		PADZZN
-55	7717-156DAP	13103	. MOUNTING PAD, Electrical, electronic components..... (04939 spec cont dwg 61814315001)	1		PADZZN

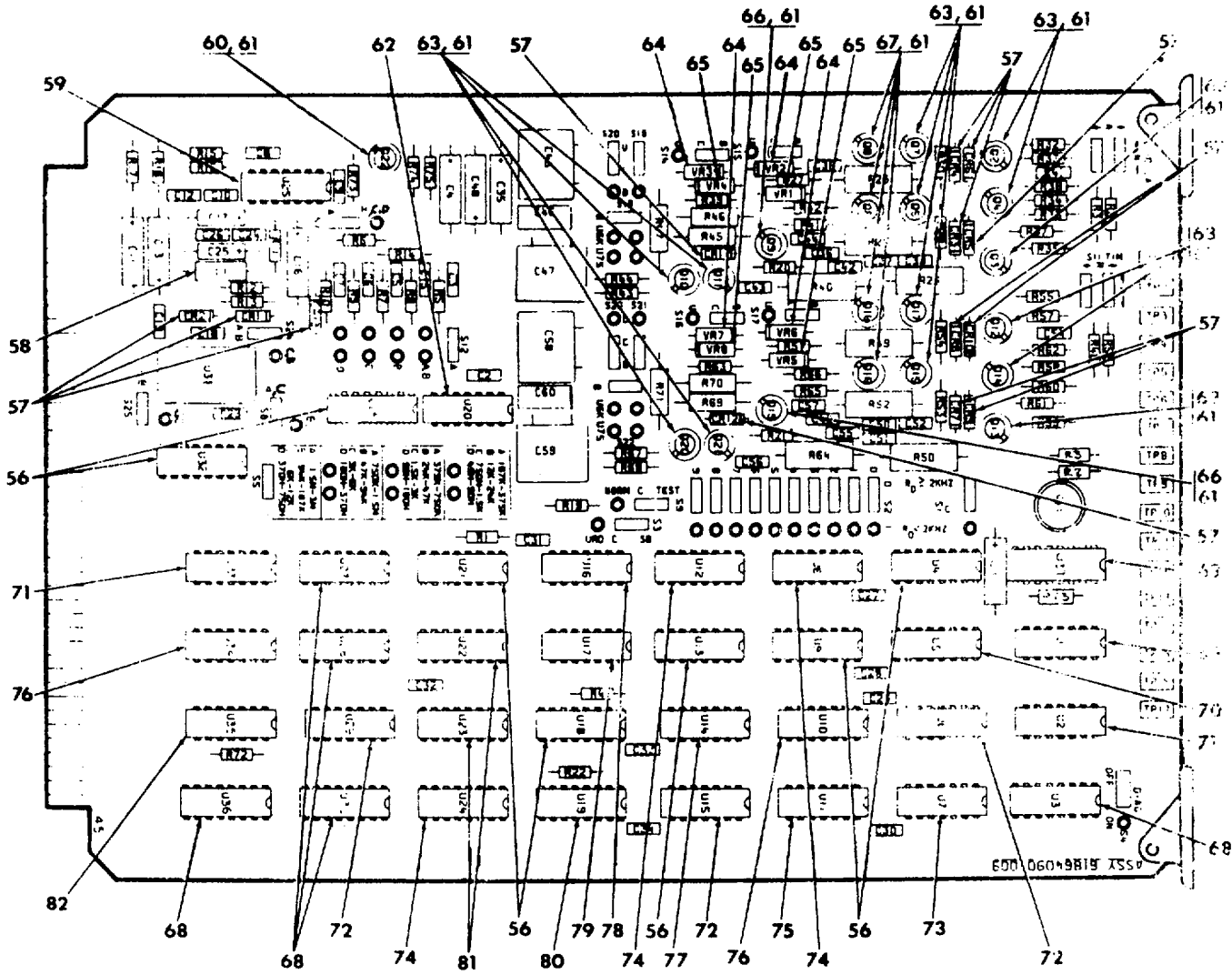


Figure 30. Smoothing Buffer Circuit Card Assembly (Sheet 3 of 3)

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
30/3-	61864090-009	04939	CIRCUIT CARD ASSEMBLY, Smoothing buffer (See FIG.1 . for NHA)	REF		
-56	M38510-01306BEB	81349	. MICROCIRCUIT .....	7		PADZZN
-57	JANTX1N4153	81349	. SEMICONDUCTOR .....	13		PADZZN
-58	MS90538-20	96906	. COIL .....	1		PADZZN
-59	61814290-001	04939	. MICROCIRCUIT, Operational amplifier, linear .....	1		PADZZN
			monolithic silicon			
-60	JANTX2N4416A	81349	. TRANSISTOR .....	1		PADZZN
-61	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic components .....	21		PADZZN
			(04939 spec cont dwg 61814255-001)			
-62	61814198-001	04939	. MICROCIRCUIT, Digital, TTL, phase frequency .....	1		PADZZN
			detector			
-63	JANTX2N2369A	81349	. TRANSISTOR .....	14		PADZZN
-64	JANTX1N746A	81349	. SEMICONDUCTOR .....	4		PADZZN
-65	JANTX1N753A	81349	. SEMICONDUCTOR .....	4		PADZZN
-66	JANTX2N2907A	81349	. TRANSISTOR .....	2		PADZZN
-67	JANTX2N3251A	81349	. TRANSISTOR .....	4		PADZZN
-68	61814200-001	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge .....	6		PADZZN
			triggered flip-flop			
-69	61814285-001	81349	. MICROCIRCUIT, Digital, TTL, low power, dual .....	1		PADZZN
			resettable, retriggerable monostable multivibrator			
-70	61814203-001	04939	. MICROCIRCUIT, Digital, TTL, monostable, .....	1		PADZZN
			multivibrator, monolithic silicon			
-71	61814282-001	81349	. MICROCIRCUIT, Digital, schottky, TTL, hex .....	2		PADZZN
			inverter, monolithic silicon			
-72	M38510-00104BCB	81349	. MICROCIRCUIT .....	3		PADZZN
-73	M38510-00403BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-74	61814201-001	04939	. MICROCIRCUIT, Five-bit, comparator, TTL .....	3		PADZZN
			monolithic silicon			
-75	M38510-00701BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-76	M38510-00105BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-77	M38510-00103BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-78	61814281-001	81349	. MICROCIRCUIT, Digital, TTL, quad 2-input .....	1		PADZZN
			positive hand gate, monolithic silicon			
-79	M38510-00108BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-80	M38510-01702BEB	81349	. MICROCIRCUIT .....	1		PADZZN
-81	61814202-001	04939	. MICROCIRCUIT, Digital, TTL, 8-bit multiple .....	2		PADZZN
			port register			
-82	61814289-001	04939	. MICROCIRCUIT, Digital, TTL, 8-bit parallel-out .....	1		PADZZN
			serial shift register, monolithic silicon			

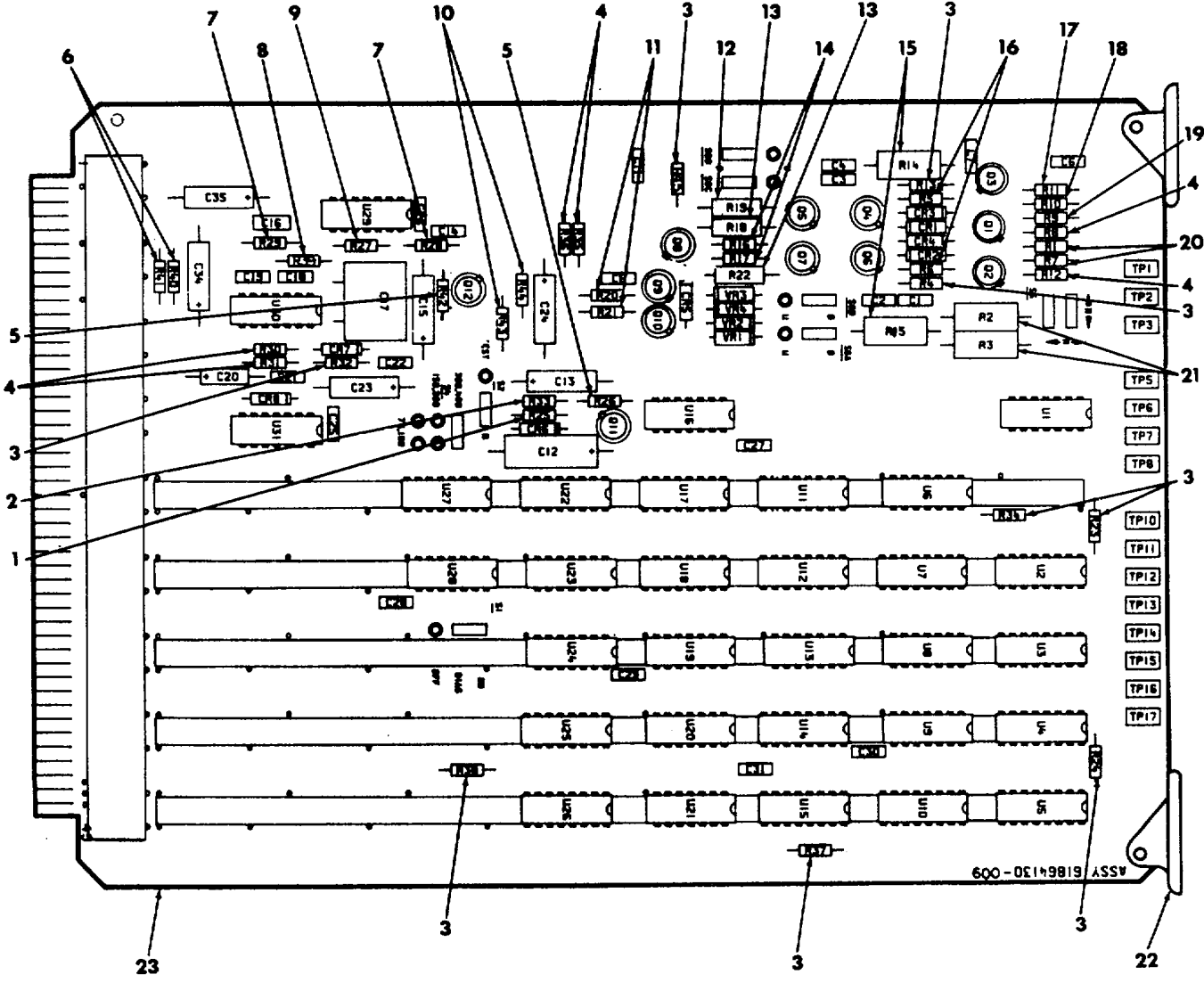


Figure 31. Transition Decoder Circuit Card Assembly (Sheet 1 of 3)

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
31/1-	61864130-009	04939	CIRCUIT CARD ASSEMBLY, Transition decoder (See..... FIG. 1 for NHA)	REF		
-1	RCR07G684JS	81349	. RESISTOR .....	1		PADZZN
-2	RCR07G183JS	81349	. RESISTOR .....	1		PADZZN
-3	RCR07G102JS	81349	. RESISTOR .....	9		PADZZN
-4	RCR07G471JS	81349	. RESISTOR .....	6		PADZZN
-5	RCR07G223JS	81349	. RESISTOR .....	2		PADZZN
-6	RCR07G470JS	81349	. RESISTOR .....	2		PADZZN
-7	RCR07G104JS	81349	. RESISTOR .....	2		PADZZN
-8	RCR07G334JS	81349	. RESISTOR .....	1		PADZZN
-9	RCR07G335JS	81349	. RESISTOR .....	1		PADZZN
-10	RCR07G225JS	81349	. RESISTOR .....	2		PADZZN
-11	RCR07G472JS	81349	. RESISTOR .....	2		PADZZN
-12	RCR20G390JS	81349	. RESISTOR .....	1		PADZZN
-13	RCR20G330JS	81349	. RESISTOR .....	2		PADZZN
-14	RCR07G222JS	81349	. RESISTOR .....	2		PADZZN
-15	RCR32G101JS	81349	. RESISTOR .....	2		PADZZN
-16	RCR07G011JS	81349	. RESISTOR .....	2		PADZZN
-17	RCR07G392JS	81349	. RESISTOR .....	1		PADZZN
-18	RCR07G152JS	81349	. RESISTOR .....	1		PADZZN
-19	RCR07G121JS	81349	. RESISTOR .....	1		PADZZN
-20	RCR07G122JS	81349	. RESISTOR .....	2		PADZZN
-21	RCR32G122JS	81349	. RESISTOR .....	2		PADZZN
-22	6100	23880	. EJECTOR. Card (04939 spee cont dwg ..... 61814250-001)	2		PADZZN
-23	61864131-001	04939	. PRINTED WIRING BOARD.....	1		XA

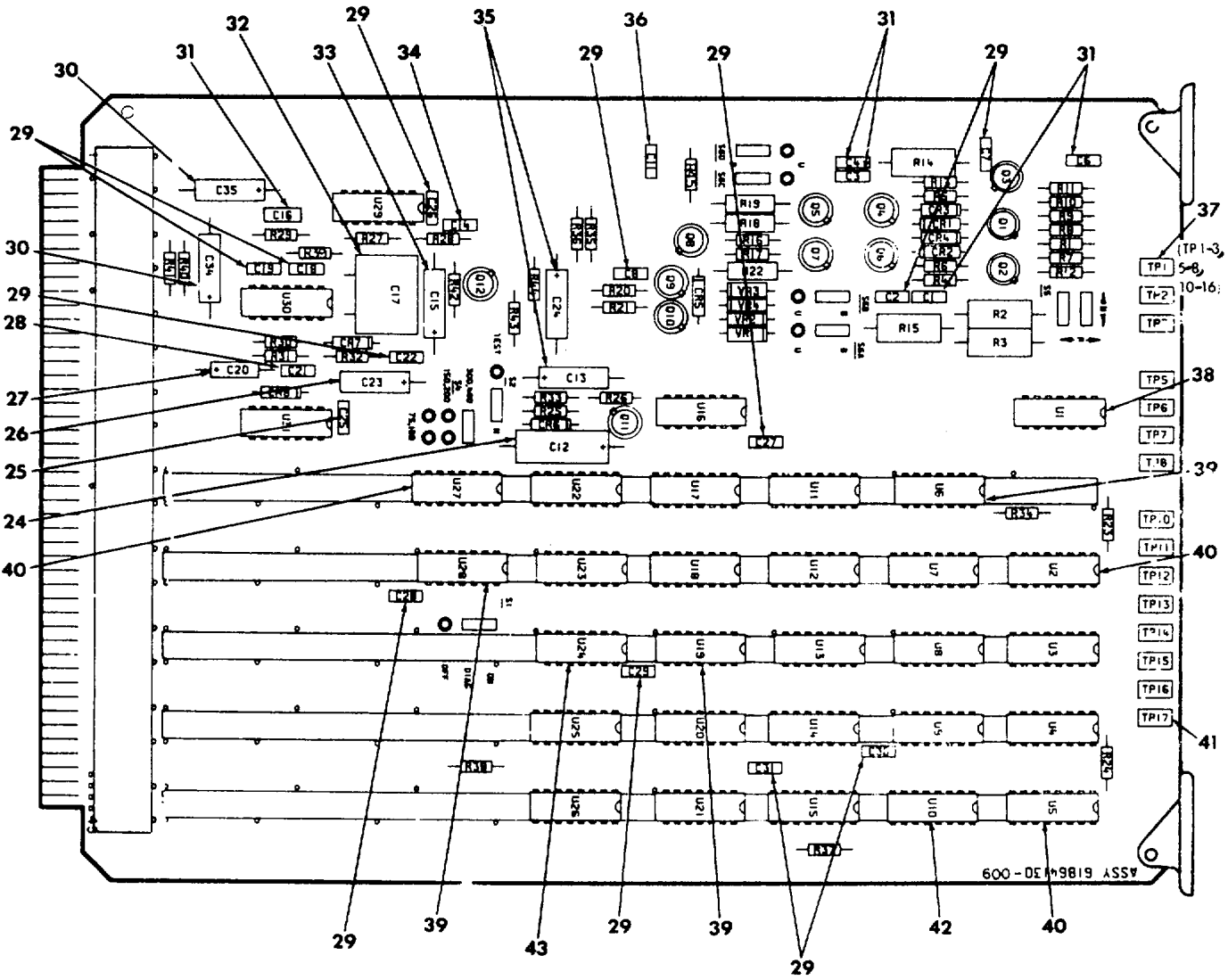


Figure 31. Transition Decoder Circuit Card Assembly (Sheet 2 of 3)

6186-48

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
31/2-	61864130-009	04939	CIRCUIT CARD ASSEMBLY, Transition decoder (See..... FIG. 1 for NHA)	REF		
-24	M39003-01-2274	81349	. CAPACITOR .....	1		PADZZN
-25	M39014-02-1389	81349	. CAPACITOR .....	1		PADZZN
-26	M39003-01-2271	81349	. CAPACITOR .....	1		PADZZN
-27	M39003-01-2356	81349	. CAPACITOR .....	1		PADZZN
-28	M39014-02-1362	81349	. CAPACITOR .....	1		PADZZN
-29	M39014-021378	81349	. CAPACITOR .....	12		PADZZN
-30	M39003-01-2286	81349	. CAPACITOR .....	2		PADZZN
-31	M39014-02-1391	81349	. CAPACITOR .....	5		PADZZN
-32	CMR06F561GODL	81349	. CAPACITOR .....	1		PADZZN
-33	61814309-001	04939	. CAPACITOR, Fixed, electrolytic, tantalum, ..... established reliability	1		PADZZN
-34	M39014-02-1393	81349	. CAPACITOR .....	1		PADZZN
-35	M39003-01-2304	81349	. CAPACITOR .....	2		PADZZN
-36	M39014-02-1387	81349	. CAPACITOR .....	1		PADZZN
-37	M39024-18-05	81349	. CONNECTOR .....	14		PADZZN
-38	M38510-00205BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-39	M38510-00105BCB	81349	. MICROCIRCUIT .....	3		PADZZN
-40	M38510-01306BEB	81349	. MICROCIRCUIT .....	3		PADZZN
-41	M39024-18-06	81349	. CONNECTOR .....	1		PADZZN
-42	M38510-01702BEB	81349	. MICROCIRCUIT .....	1		PADZZN
-43	M38510-00103BCB	81349	. MICROCIRCUIT .....	1		PADZZN



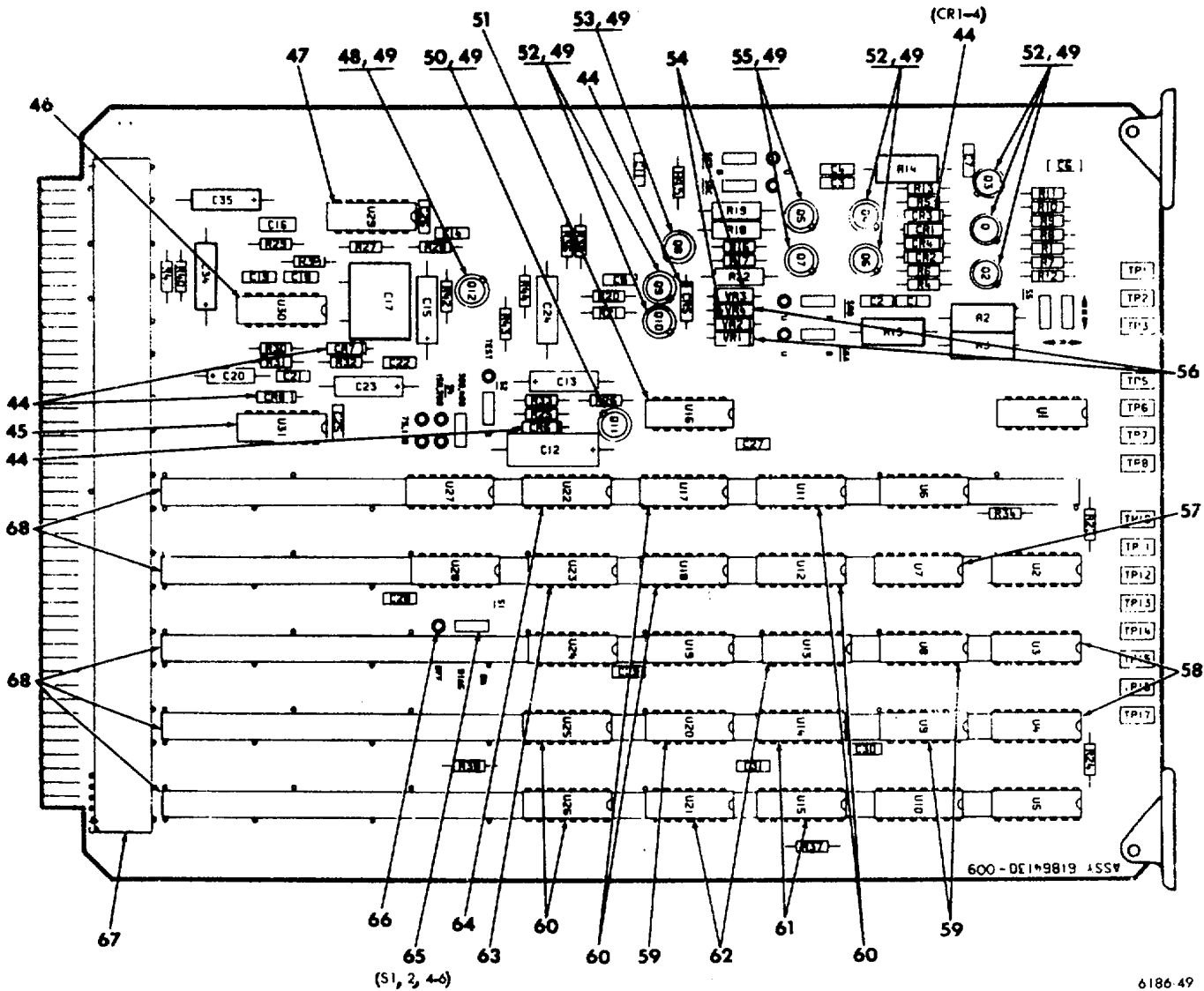
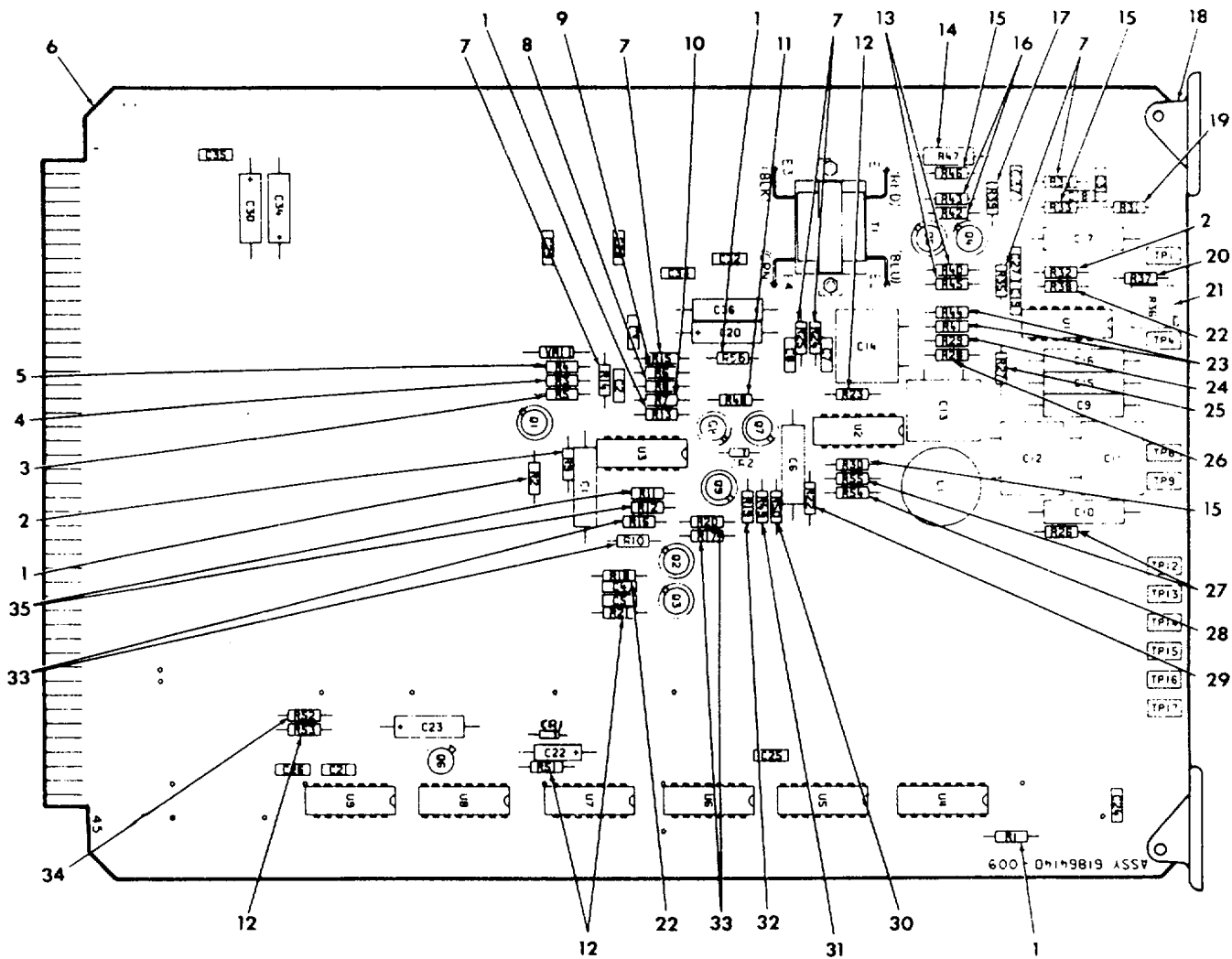


Figure 31. Transition Decoder Circuit Card Assembly (Sheet 3 of 3)

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
31/3-	61864130-009	04939	CIRCUIT CARD ASSEMBLY, Transition decoder (See..... FIG. 1 for NHA)	REF		
-44	JANTX1N4153	81349	. SEMICONDUCTOR .....	8		PADZZN
-45	61814197-001	04939	. MICROCIRCUIT, TTL, dual voltage controlled .....	1		PADZZN
			multivibrator			
-46	61814290-001	04939	. MICROCIRCUIT, Operational amplifier, linear.....	1		PADZZN
			monolithic silicon			
-47	61814198-001	04939	MICROCIRCUIT, Digital, TTL, phase frequency .....	1		PADZZN
			detector			
-48	JANTX2N4416A	81349	. TRANSISTOR .....	1		PADZZN
-49	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic components..... (04939 spec cont dwg 61814255-001)	12		PADZZN
-50	JANTX2N2222A	81349	. TRANSISTOR .....	1		PADZZN
-51	M38510-00108BCB	81349	. MICROCIRCUIT.....	1		PADZZN
-52	JANTX2N2369A	81349	. TRANSISTOR .....	7		PADZZN
-53	JANTX2N2907A	81349	. TRANSISTOR .....	1		PADZZN
-54	JANTX1N753A	81349	. SEMICONDUCTOR .....	2		PADZZN
-55	JANTX2N3251A	81349	. TRANSISTOR .....	2		PADZZN
-56	JANTX1N746A	81349	. SEMICONDUCTOR .....	2		PADZZN
-57	61814201-001	04939	. MICROCIRCUIT, Five-bit comparator, TTL .....	1		PADZZN
			monolithic silicon			
-58	61814202-001	04939	. MICROCIRCUIT, Digital, TTL, 8-bit multiple port .....	2		PADZZN
			register			
-59	M38510-00104BCB	81349	. MICROCIRCUIT .....	3		PADZZN
-60	61814200-001	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge .....	6		PADZZN
			triggered flip-flop			
-61	61814288-001	81349	. MICROCIRCUIT, Digital, TTL, 4-bit parallel-access .....	2		PADZZN
			shift register, monolithic silicon			
-62	M38510-00701BCB	81349	. MICROCIRCUIT.....	2		PADZZN
-63	M38510-00102BCB	81349	. MICROCIRCUIT.....	1		PADZZN
-64	61814203-001	04939	. MICROCIRCUIT, Digital, TTL, monostable .....	1		PADZZN
			multivibrator, monolithic silicon			
-65	461-2872-01-03-12	71279	. PLUG, Shorting, electrical (04939 spec cont dwg..... 61814265-001)	9		PAOZZN
-66	645809-1	00779	. CONTACT, Electrical (04939 spec cont dwg .....	28		PADZZN
			61814262-001)			
-67	61860016-002	04939	. BUS BAR, Horizontal.....	1		XB
-68	61860015-001	04939	. BUS BAR, Vertical.....	5		XB

Change 1 2-93

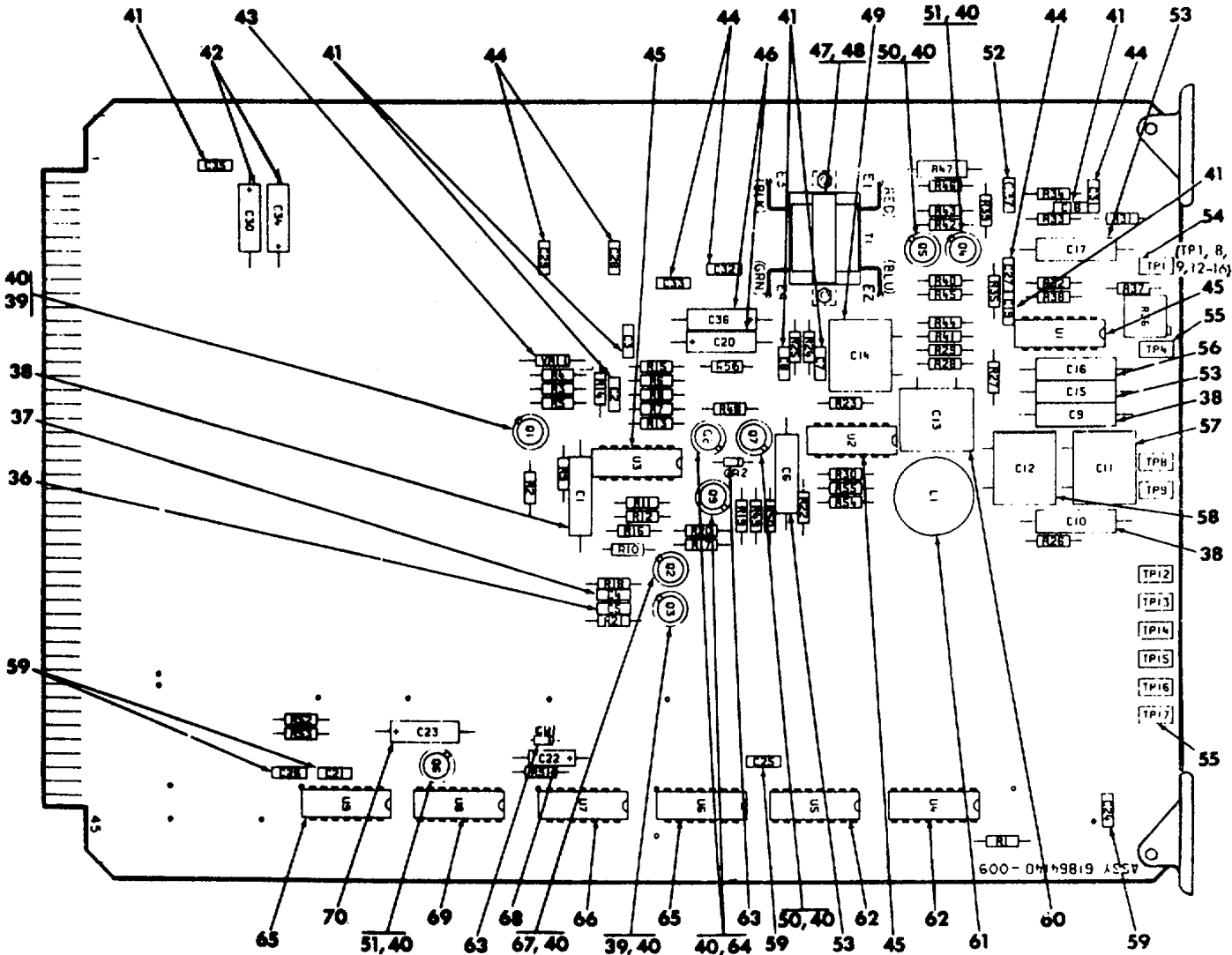


6186-50

Figure 32. Voice Decoder Circuit Card Assembly (Sheet 1 of 2)

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION	UNITS PER ASSY	USABLE ON CODE	SMR CODE
32/1-	61864140-009	04939	CIRCUIT CARD ASSEMBLY, Voice decoder (See FIG.1.. for NHA)	REF		
-1	RCR07G102JS	81349	. RESISTOR .....	4		PADZZN
-2	RNC55H1003FS	81349	. RESISTOR.....	2		PADZZN
-3	RNC55H4022FS	81349	. RESISTOR.....	1		PADZZN
-4	RNC55H4021FS	81349	. RESISTOR.....	1		PADZZN
-5	RCR07G681JS	81349	. RESISTOR.....	1		PADZZN
-6	61864141-001	04939	. PRINTED WIRING BOARD .....	1		XA
-7	RCR07G330JS	81349	. RESISTOR.....	6		PADZZN
-8	RNC55H3320FS	81349	. RESISTOR.....	1		PADZZN
-9	RNC55H8252FS	81349	. RESISTOR.....	1		PADZZN
-10	RCR07G223JS	81349	. RESISTOR.....	1		PADZZN
-11	RCR07G333JS	81349	. RESISTOR .....	1		PADZZN
-12	RCR07G103JS	81349	. RESISTOR .....	4		PADZZN
-13	RNC55H8661FS	81349	. RESISTOR.....	2		PADZZN
-14	RNC60H1000FS	81349	. RESISTOR.....	1		PADZZN
-15	RCR07G104JS	81349	. RESISTOR.....	3		PADZZN
-16	RCR07G220JS	81349	. RESISTOR.....	1		PADZZN
-17	RNC55H2612FS	81349	. RESISTOR.....	1		PADZZN
-18	6100	23880	. EJECTOR, Card (04939 spec cont dwg 61814255-001)	2		PADZZN
-19	RNC55H6811FS	81349	. RESISTOR.....	1		PADZZN
-20	RNC55H2871FS	81349	. RESISTOR.....	1		PADZZN
-21	RJ24FP502	81349	. RESISTOR.....	1		PADZZN
-22	RCR07G272JS	81349	. RESISTOR.....	2		PADZZN
-23	RNC55H5620FS	81349	. RESISTOR.....	2		PADZZN
-24	RNC55H1962FS	81349	. RESISTOR .....	1		PADZZN
-25	RNC55H3482FS	81349	. RESISTOR.....	1		PADZZN
-26	RNC55H4642FS	81349	. RESISTOR.....	1		PADZZN
-27	RNC55H1001FS	81349	. RESISTOR.....	2		PADZZN
-28	RCR07G563JS	81349	. RESISTOR.....	1		PADZZN
-29	RNC55H2052FS	81349	. RESISTOR.....	1		PADZZN
-30	RCR07G472JS	81349	. RESISTOR.....	1		PADZZN
-31	RCR07G682JS	81349	. RESISTOR.....	1		PADZZN
-32	RCR07G123JS	81349	. RESISTOR .....	1		PADZZN
-33	RNC55H1002FS	81349	. RESISTOR .....	4		PADZZN
-34	RCR07G274JS	81349	. RESISTOR.....	1		PADZZN
-35	RNC55H2151FS	81349	. RESISTOR .....	2		PADZZN



6186-51

Figure 32. Voice Decoder Circuit Card Assembly (Sheet 2 of 2)

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
32/2-	61864140-009	04939	CIRCUIT CARD ASSEMBLY, Voice decoder (See FIG.1.. for NHA)	REF		
-36	M39014-01-1385	81349	. CAPACITOR .....	1		PADZZN
-37	M39014-01-1379	81349	. CAPACITOR .....	1		PADZZN
-38	M83421-01-1160P	81349	. CAPACITOR .....	3		PADZZN
-39	JANTX2N2432	81349	. TRANSISTOR .....	2		PADZZN
-40	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic components..... (04939 spec cont dwg 61814255-001)	9		PADZZN
-41	M39014-02-1391	81349	. CAPACITOR .....	7		PADZZN
-42	M39003-01-2289	81349	. CAPACITOR .....	2		PADZZN
-43	JANTX1N753A	81349	. SEMICONDUCTOR .....	1		PADZZN
-44	M39014-02-1383	81349	. CAPACITOR .....	6		PADZZN
-45	M38510-10102BCB	81349	. MICROCIRCUIT .....	3		PADZZN
-46	M39003-01-2271	81349	. CAPACITOR .....	2		PADZZN
-47	M6954	00348	. TRANSFORMER, Audio frequency (04939 spec .....	1		PADZZN
			cont dwg 61814238-001)			
-48	NAS671-2	80205	. NUT (AP) .....	2		PADZZN
	NAS620-2	80205	. WASHER (AP) .....	4		PADZZN
	MS35338-134	96906	. WASHER (AP) .....	2		PADZZN
	MS35206-203	96906	. SCREW (AP) .....	2		PADZZN
-49	CMR06F471GODL	81349	. CAPACITOR .....	1		PADZZN
-50	JANTX2N2907A	81349	. TRANSISTOR .....	2		PADZZN
-51	JANTX2N2222A	81349	. TRANSISTOR .....	2		PADZZN
-52	M39014-01-1394	81349	. CAPACITOR .....	1		PADZZN
-53	M83421-01-1172P	81349	. CAPACITOR .....	3		PADZZN
-54	M39024-18-05	81349	. CONNECTOR .....	8		PADZZN
-55	M39024-18-06	81349	. CONNECTOR .....	2		PADZZN
-56	M83421-01-1118P	81349	. CAPACITOR .....	1		PADZZN
-57	CMR06F681GODL	81349	. CAPACITOR .....	1		PADZZN
-58	CMR06F332GODL	81349	. CAPACITOR .....	1		PADZZN
-59	M39014-02-1378	81349	. CAPACITOR .....	4		PADZZN
-60	CMR06F222GODL	81349	. CAPACITOR .....	1		PADZZN
-61	EWC3415	15387	. REACTOR (04939 spec cont dwg 61814295-001). .....	1		PADZZN
-62	61814200-001	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge .....	2		PADZZN
			triggered flip-flop			
-63	JANTX1N4153	81349	. SEMICONDUCTOR .....	2		PADZZN
-64	JANTX2N2369A	81349	. TRANSISTOR .....	2		PADZZN
-65	M38510-00103BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-66	M38510-00105BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-67	JANTX2N2945A	81349	. TRANSISTOR .....	1		PADZZN
-68	M39003-01-2242	81349	. CAPACITOR .....	1		PADZZN
-69	61814203-001	04939	. MICROCIRCUIT, Digital, TTL, monostable,.....	1		PADZZN
			multivibrator, monolithic silicon			
-70	M39003-01-2257	81349	. CAPACITOR .....	1		PADZZN

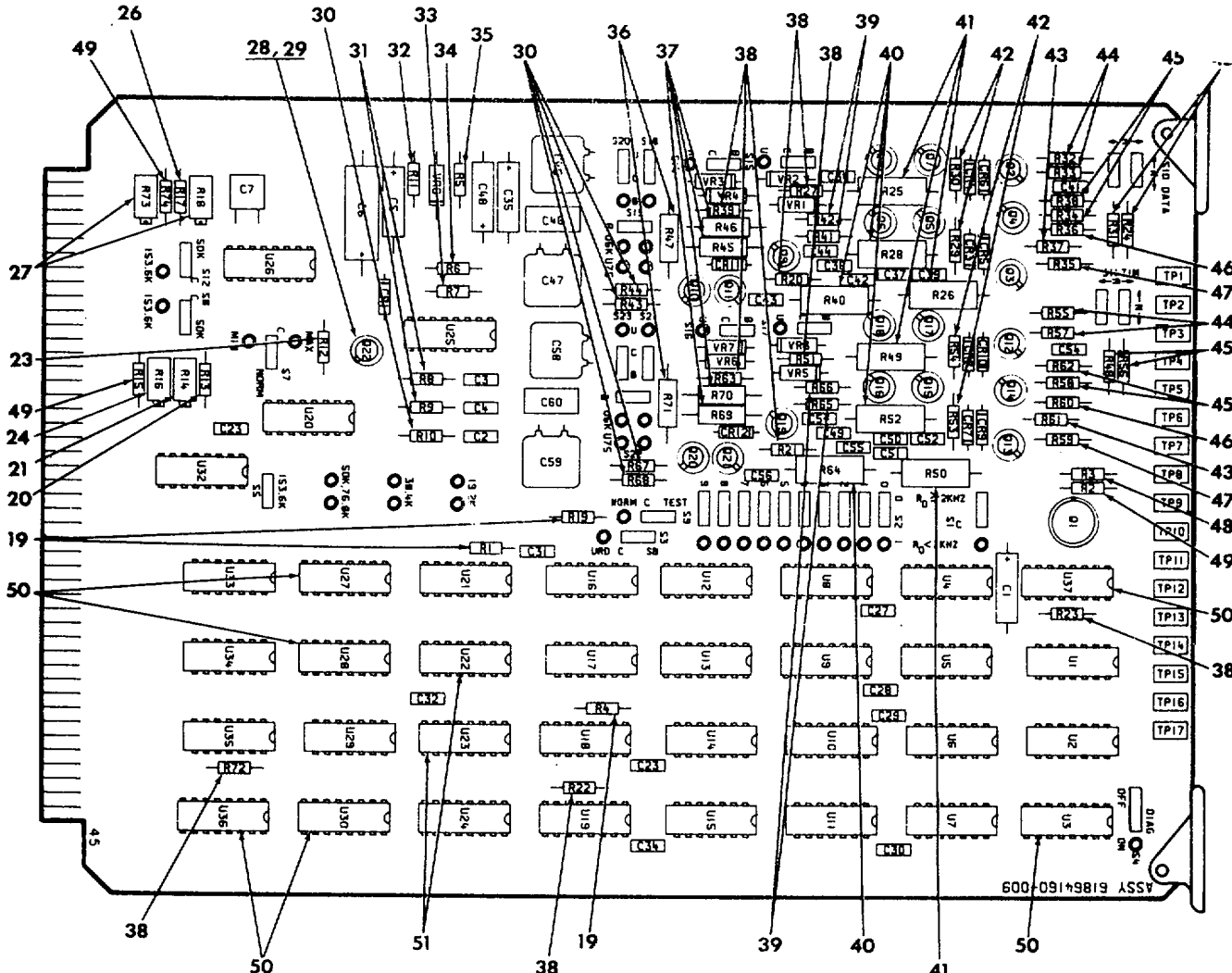


MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
33/1-	61864160-009	04939	CIRCUIT CARD ASSEMBLY, Narrow band smoothing ..... buffer (See FIG. 1 for NHA)	REF		
-1	CMR06F681GODL	81349	. CAPACITOR .....	2		PADZZN
-2	M39014-02-1378	81349	. CAPACITOR .....	20		PADZZN
-3	CMR05F151GODL	81349	. CAPACITOR .....	1		PADZZN
-4	61864161-001	04939	. PRINTED WIRING BOARD.....	1		XA
-5	61814333-001	04939	. CAPACITOR, Fixed, electrolytic, tantalum .....	1		PADZZN
-6	M39003-01-2304	81349	. CAPACITOR .....	1		PADZZN
-7	M39003-01-2289	81349	. CAPACITOR .....	2		PADZZN
-8	CMR05F331GODL	81349	. CAPACITOR .....	2		PADZZN
-9	CMR06F821GODL	81349	. CAPACITOR .....	2		PADZZN
-10	M39014-02-1391	81349	. CAPACITOR .....	8		PADZZN
-11	6100	23880	. EJECTOR, Card(04939 spec cont dwg 61814250001)..	1		PADZZN
-12	M39024-18-05	81349	. CONNECTOR .....	16		PADZZN
-13	JANTX2N2920	81349	. TRANSISTOR .....	1		PADZZN
-14	7717-107DAP		. MOUNTING PAD, Electrical, electronic components..... (04939 spec cont dwg 61814251-001)	1		PADZZN
-15	M39003-01-2257	81349	. CAPACITOR .....	1		PADZZN
-16	M39024-1806	81349	. CONNECTOR .....	1		PADZZN
-17	461-2872-01-12	71279	. PLUG, Shorting, electrical (04939 spec cont .....	32		PAOZZN
-18	645809-1	00779	. CONTACT, Electrical (04939 spec cont dwg .....	104		PADZZN
			61814262-001)			

Change 2 2-99





6186-53A

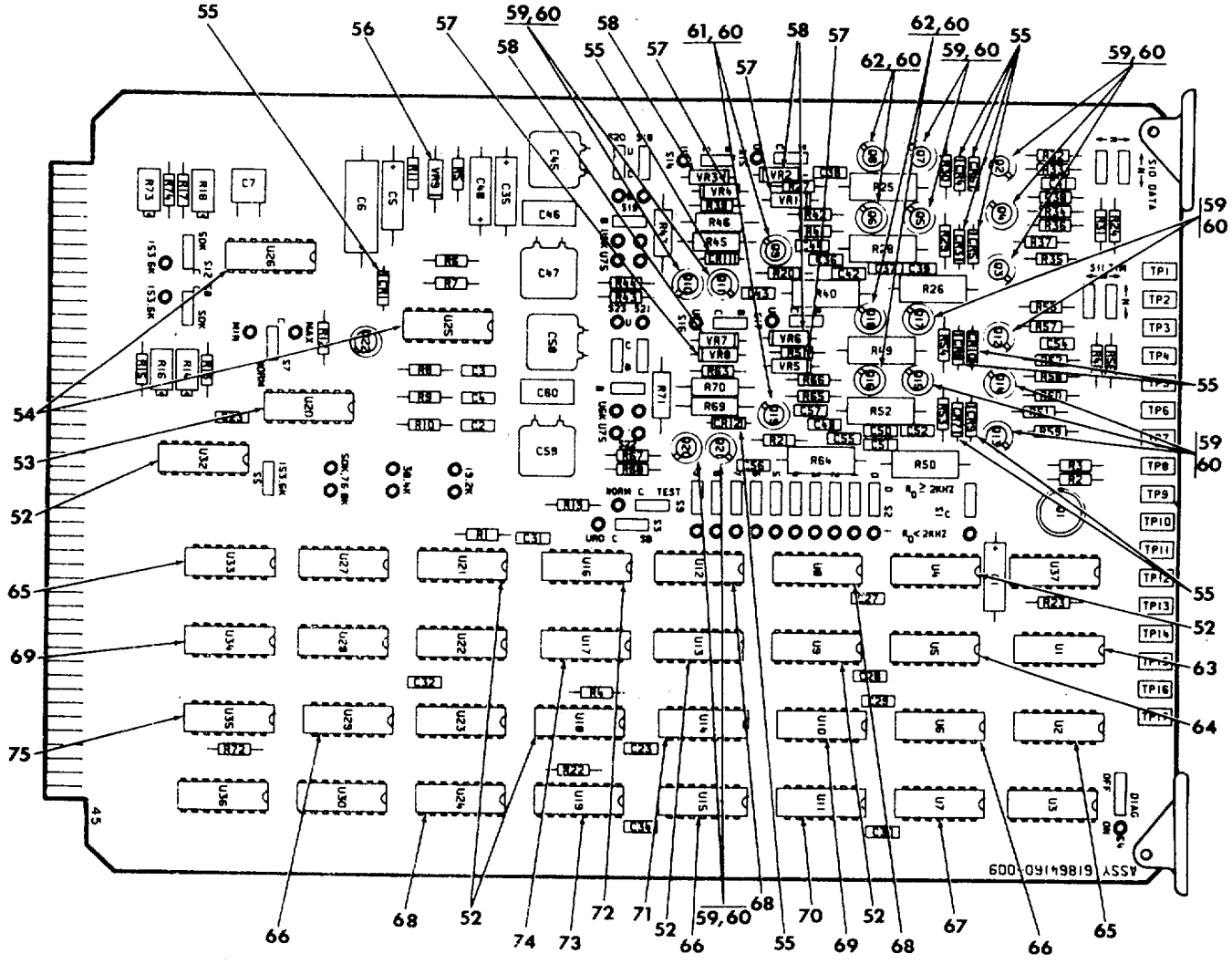
Figure 33. Narrow Band Smoothing Buffer Circuit Card Assembly (Sheet 2 of 3)

Change 2 2-100

**MAINTENANCE PARTS LIST**

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS	USABLE	SMR CODE
				PER ASSY	ON CODE	
33/2-	61864160-009	04939	CIRCUIT CARD ASSEMBLY, Narrow band smoothing ..... buffer (See FIG. 1 for NHA)	REF		
-19	RCR07G332JS	81349	. RESISTOR .....	1		PADZZN
-20	RCR07G513JS	81349	. RESISTOR .....	1		PADZZN
-21	RJ24FX254	81349	. RESISTOR .....	1		PADZZN
-22			DELETED			
-23	RCR07G822JS	81349	. RESISTOR .....	1		PADZZN
-24	RJ24FX204	81349	. RESISTOR .....	1		PADZZN
-25			DELETED			
-26	RCR07G303JS	81349	. RESISTOR .....	1		PADZZN
-27	RJ24FX503	81349	. RESISTOR .....	2		PADZZN
-28	JANTX2N4416A	81349	. TRANSISTOR .....	1		PADZZN
-29	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic Components .... (04939 spec cont dwg 61814255-001)	1		PADZZN
-30	RCR07G472JS	81349	. RESISTOR .....	5		PADZZN
-31	RCR07G226JS	81349	. RESISTOR .....	2		PADZZN
-32	RCR07G685JS	81349	. RESISTOR .....	1		PADZZN
-33	RCR07G183JS	81349	. RESISTOR .....	1		PADZZN
-34	RCR07G562JS	81349	. RESISTOR .....	1		PADZZN
-35	RCR07G820JS	81349	. RESISTOR .....	1		PADZZN
-36	RCR20G390JS	81349	. RESISTOR .....	2		PADZZN
-37	RCR20G330JS	81349	. RESISTOR .....	4		PADZZN
-38	RCR07G102JS	81349	. RESISTOR .....	9		PADZZN
-39	RCR07G222JS	81349	. RESISTOR .....	4		PADZZN
-40	RCR32G101JS	81349	. RESISTOR .....	4		PADZZN
-41	RCR32G122JS	81349	. RESISTOR .....	4		PADZZN
-42	RCR07G1101JS	81349	. RESISTOR .....	4		PADZZN
-43	RCR07G392JS	81349	. RESISTOR .....	2		PADZZN
-44	RCR07G122JS	81349	. RESISTOR .....	4		PADZZN
-45	RCR07G471JS	81349	. RESISTOR .....	8		PADZZN
-46	RCR07G152JS	81349	. RESISTOR .....	2		PADZZN
-47	RCR07G121JS	81349	. RESISTOR .....	2		PADZZN
-48	RCR07G225JS	81349	. RESISTOR .....	1		PADZZN
-49	RCR07G103JS	81349	. RESISTOR .....	3		PADZZN
-50	61814200000	04939	. MICROCIRCUIT, Digital, TTL, dual J-K edge ..... triggered flip-flop	6		PADZZN
-51	61814202-001	04939	. MICRO CIRCUIT, Digital, TTL, 8-bit multiple ..... port register	2		PADZZN

Change 2 2-101



6186-54

Figure 33. Narrow Band Smoothing Buffer Circuit Card Assembly (Sheet 3 of 3)

MAINTENANCE PARTS LIST

FIGURE & INDEX NUMBER	PART NUMBER	FSCM	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SMR CODE
33/3-	61864160-009	04939	CIRCUIT CARD ASSEMBLY, Narrow band smoothing ..... buffer (See FIG. 1 for NHA)	REF		
-52	M38510-01306BEB	81349	. MICROCIRCUIT .....	6		PADZZN
-53	M38510-05504BEA	81349	. MICROCIRCUIT .....	1		PADZZN
-54	61814328-001	04939	. MICROCIRCUIT, CMOS phase-locked loop..... monolithic silicon	2		PADZZN
-55	JANTXIN4153	81349	. SEMICONDUCTOR .....	11		PADZZN
-56	JANTX1N758A	81349	. SEMICONDUCTOR .....	1		PADZZN
-57	JANTX1N753A	81349	. SEMICONDUCTOR .....	4		PADZZN
-58	JANTX1N746A	81349	. SEMICONDUCTOR .....	4		PADZZN
-59	JANTX2N2369A	81349	. TRANSISTOR .....	14		PADZZN
-60	7717-81DAP	13103	. MOUNTING PAD, Electrical, electronic components ..... (04939 spec cont dwg 61814255-001)	20		PADZZN
-61	JANTX2N2907A	81349	. TRANSISTOR .....	2		PADZZN
-62	JANTX2N3251A	81349	. TRANSISTOR .....	4		PADZZN
-63	61814285-001	04939	. MICROCIRCUIT, Digital, TTL, dual D-type edge..... triggered flip-flop, monolithic silicon	1		PADZZN
-64	61814203-001	04939	. MICROCIRCUIT, Digital, TTL, monostable..... multivibrator, monolithic silicon	1		PADZZN
-65	61814282-001	04939	. MICROCIRCUIT, Digital, TTL, hex inverter..... monolithic silicon	2		PADZZN
-66	M38510-00104BCB	81349	. MICROCIRCUIT .....	3		PADZZN
-37	M38510-00403BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-38	61814201-001	04939	. MICROCIRCUIT, Five bit comparator, TTL .....	3		PADZZN
-69	M38510-00105BCB	81349	. MICROCIRCUIT .....	2		PADZZN
-70	M38510-00701BCB	04939	. MICROCIRCUIT .....	1		PADZZN
-71	M38510-00103BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-72	61814281-001	04939	. MICROCIRCUIT, Digital, TTL, quad 2-input ..... positive hand gate, monolithic silicon	1		PADZZN
-73	M38510-01702BEB	81349	. MICROCIRCUIT .....	1		PADZZN
-74	M38510-00108BCB	81349	. MICROCIRCUIT .....	1		PADZZN
-75	61814289-001	04939	. MICROCIRCUIT, Digital, 8 bit parallel -out serial..... shift register, monolithic silicon	1		PADZZN

2-103/(2-104 blank)

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
AN315-4R	5310-00-167-1344	1/1-4 5/1-7 5/1-15 5/1-29	4	CMR05C050DODL	5910-00-236-7632	8/2-55 9/2-18	5
AN315-5R	5310-00-167-1345	1/1-7 5/1-11	2	CMR05C100DODL	5910-00-489-1363	8/2-59 9/2-26	1 4
AN4-6A	5306-00-151-1426	5/1-16 5/1-28	2	CMR05E270GODL	----	28/2-50	AR
AN960-10	5310-00-167-0818	5/1-33 15-28	7	CMR05E390GODL	----	26/1-7	2
AN960-10L	---	1/2-53 1/3-82	5	CMR05E680GODL	----	28/2-43	AR
AN960-4	5310-00-167-0815	18-11	8	CMR05F101GODL	5910-00-138-1095	28/2-52	AR
AN960-4L	----	26/1-12	4	CMR05F151GODL	5910-00-760-1300	26/1-6 33/1-3	3
AN960-416	5310-00-141-1795	1/1-6 1/2-64A 5/1-9 5/1-15 5/1-16 5/1-20 5/1-28 5/1-29	14	CRM05F331GODL	----	30/1-17	AR
AN960-516	5310-00-167-0820	1/1-9 5/1-13 5/1-18	3	CMR05F391GODL	5910-00-760-1301	28/2-54	AR
AN960-6	5310-00-167-0816	6/1-8 6/1-19 18-9	17	CMR06F102GODL	5910-00-484-0519	29/1-7	AR
AN960-6L	5310-00-167-0832	1/1-12 1/1-16 1/2-38 1/2-42 1/2-55 1/2-59 1/2-61 1/3-72 17-3	97	CMR06F222GODL	----	32/2-60	AR
AN960-8L	5310-00-167-0833	1/2-40 1/3-82B 5/3-76	29	CMR06F332GODL	----	32/2-58	AR
AN960C10	5310-00-167-0801	5/4-129A 5/4-134A	3	CMR06F471GODL	----	32-2-49	AR
AN960C416L	----	5/2-61	2	CMR06F472GODL	----	8/2-57 9/2-21	6
AN960C6	5310-00-531-9514	15-20	2	CMR06F561GODL	----	31/2-32	AR
AN960C8	5310-00-685-3744	15-16 15-25 15-27 15-30	8	CMR06F681GODL	5910-00-166-3863	30/1-18 32/2-57 33/1-1	AR AR
AN960C8L	----	5/1-2A 5/4-127 5/4-139	10	CP04A1KE333K3	5910-00-914-4092	30/1-16 33/1-9	AR
A074808	----	14-3	1	CR78U9-8304MHZ	----	10-1	5
APS367	----	5/4-130	1	C1213	5935-01-004-7991	11-11	AR
CF03CCS680	----	12-14	1	DBMAM13W3P	5935-00-534-6584	28/1-21	AR
CF03RCS680	6240-00-433-1070	12-11	9	DBMAM13W3S	5935-00-432-9256	1/2-49	1
				DBMM9W4P	5935-00-421-6038	5/3-102	2
				DBMM9W4S	5935-00-896-9910	5/2-67	1
				DLCLC	----	3-10	1
				DL HANDLE	5935-00-355-4459	12-4	1
				DL1JS	----	3-1	1
				DL1-156P	5935-00-540-7238	5/2-69	4
				DL1-156RW	----	7-6	179
				DMA44350-1	----	15-4	
				DMA44353-1	----	15-10	
				DM53744-24	5999-00-520-9972	15-6	2
				DM53745-25	5999-00-520-6145	15-12	
				DRB7500-10D5	----	15-7	2
				D20418-2	5935-00-898-0494	15-13	
				D20419	5325-00-784-4230	15-3	2

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
D20420	5935-00-942-4560	3-8	4	JANTX2N2222A	5961-00-858-3826	8/2-50	AR
D53018-5	5935-00-131-9983	3-22 3-11 5/4-116 5/4-119	8			9/2-19 20-6 23-18 28/1-11 31/3-50	
EWC3415	----	32/2-61	AR	JANTX2N2369A	----	32/2-51 26/2-48 28/1-23 29/1-34 30/3-63 31/3-52 32/2-64 33/3-59	AR
FMO3-250-2A	----	6/1-24	5			29/1-14 32/2-39	AR
F12NC4284-2-62	5310-00-275-1693	6/2-43 6/2-54 6/2-58	8	JANTX2N2907A	5961-00-022-5666	8/2-60 9/2-34 26/2-41 29/1-35 30/3-66 31/3-53 32/2-50 33/3-61	AR
F12NC4284-2-82	5310-00-003-9495	6/2-40 6/2-51	6			21-18 25/1-13 27/2-37 30/2-49 33/1-13	AR
JANTX1N1188	----	5/3-84	4	JANTX2N2432	5961-00-108-7012	29/1-16 32/2-67 8/2-47 26/2-47 30/3-67 31/3-55 33/3-62	AR
JANTX1N3909	----	5/2-50	4			28/1-18 30/3-60 31/3-48 33/2-28	AR
JANTXIN3910	5961-00-777-3191	8/2-58	2	JANTX2N2920	5961-00-179-4366	13-18 5/4-126	1
JANTX1N4153	----	8/2-37 9/2-30 13-21 20-13 22-26 26/1-5 27/2-40 28/1-16 29/2-59 30/3-57 31/3-44 32/2-63 33/3-55	AR	JANTX2N2945A	5961-00-181-0424	12-13 12-16 12-18 5/3-95	4
JANTXIN4247	5961-00-494-4916	7-4	4	JANTX2N3019	5961-00-240-2810	12-18 12-16 12-18	11
JANTX1N4370A	5961-00-104-1396	26/1-2	4	JANTX2N3251A	5961-00-438-0598	1/2-56 2-1 2-3 2-5 2-8 12-30 18-31 18-34	3
JANTX1N4570A	----	8/2-38	1				AR
JANTX1N4946	----	10-8 11-8	10	JANTX2N3822	5961-00-329-5357		AR
JANTX1N746A	----	8/2-40 30/3-64 31/3-56 33/3-58	AR	JANTX2N4416A	----		AR
JANTX1N750A	5961-00-108-7007	8/2-39	1				
JANTX1N751A	5961-00-104-1398	24-18 26/1-32	2	JANTX4N22	5961-00-390-9861		AR
JANTX1N752A	5905-00-121-9932	8/2-68 13-5 26/1-1	6	J6984-36	----		1
JANTX1N753A	5961-00-104-1399	27/1-2 28/1-2 29/1-9 30/3-65 31/3-54 32/2-43 33/3-57	AR	LH90-1	6210-00-421-1832		4
JANTXIN754A	5961-00-104-1400	8/2-65 9/2-31	2	LP42C2D564K	----		2
JANTXIN758A	----	33/3-56	AR	MD3452G	----		10
JANTX1N823	5961-00-254-2991	8/2-45	2	ME2-14STB	----		2
				MF7200-06	----		80

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
MF7200-3	5310-00-955-1295	2-2	8	MS22073-10	5925-00-937-5669	12-23	1
MR34	----	28/1-22	AR	MS24367-680	6240-00-878-1965	12-12	10
MR46	----	8/2-44	20			12-15	
		9/1-2		MS24693S2	5305-00-081-6668	6/2-50	10
		10-5				26/1-17	
		11-5		MS24693S24	5305-00-957-7816	6/1-36	6
MS16106-5	5930-00-444-4144	1/3-73	1			1/3-74	
MS16535-69N	----	6/2-64	16	MS24693S25	5305-00-051-6521	5/1-35	2
		6/2-70		MS24693S26	5305-00-957-7817	4-3	8
MS17160-28	5340-00-943-2041	2-4	1	MS24693S27	5305-00-957-7818	12-2	2
MS17172-11	----	1/3-78	1	MS24693S273	5305-00-957-7086	1/2-46	12
MS17172-8	5940-00-903-1332	5/4-146	4			5/1-22	
MS18237-1RN	6240-00-931-9654	12-17	1	MS24693S28	5305-00-837-3343	6/1-30	10
MS18281-1	----	3-3	5			6/2-57	
MS20426AD4-3	5320-00-117-6948	6/2-53	8			12-8	
MS20470AD3-4	5320-00-117-6815	6/2-42	12	MS24693S30	5305-00-957-7819	12-10	4
		6/2-45		MS24693S5G	---	5/4-127	4
MS20470AD4-4	5320-00-117-6826	6/2-47	16	MS24693S52	5305-00-965-5881	5/4-136	2
MS21042-04	----	5/2-48	22	MS24693S8	5305-00-829-1419	1/4-115	14
		7-2					5/2-47
		15-18		MS25036-102	5940-00-204-8966	12-3	8
MS21042-06	5310-00-807-1465	6/1-6	34			12-22	
		12-2					12-27
		12-10		MS25036-103	5940-00-143-4771	3-16	2
		15-20					3-28
		17-3		MS25036-106	5940-00-283-5280	6/1-10	2
MS21042-08	5310-00-807-1466	5/4-137	10	MS25036-107	5940-00-113-8179	1/4-96	7
		15-16				1/4-98	
		15-25				1/4-100	
		15-27				12-28	
		15-30		MS25036-108	5940-00-143-4780	3-24	3
MS21209C0415	----	6/2-61	8			3-26	
		6/2-67		MS25036-109	5940-00-504-4703	1/4-106	1
MS21209C0615	5340-00-815-4930	2-9	73	MS25036-123	5940-00-557-4341	1/4-94	2
		2-11				1/4-104	
		2-13		MS25036-124	5940-00-114-1311	1/4-102	2
						1/4-108	
		5/3-105		MS25036-148	5940-00-113-9828	1/4-84	4
		6/2-62				1/4-85	
		6/2-68		MS25036-149	5940-00-557-1629	12-24	1
MS21209C0815	----	2-10	10	MS25036-153	5940-00-143-4774	1/4-109	8
MS21209C0820	----	5/4-141	4			1/4-111	
MS21209F1-15	5340-00-800-7874	2-6	28			5/3-75	
		2-12				12-25	
		2-14		MS25036-154	5940-00-230-0515	3-30	3
MS21209F5-15	5340-00-847-0734	2-7	2			6/1-2	
MS21266-2N	----	6/1-20	1	MS25080-3	5940-00-926-0016	1/3-81	1
MS21919DG2	----	1/3-70	1	MS25080-4	5940-00-725-0765	1/2-62	1
MS21919DG6	5340-00-543-4394	15-24	3	MS25082-2	----	5/3-76	12
MS21919DG7	----	1/2-52	8	MS25082-4	----	5/1-15	2
		1/2-58				5/1-29	
		1/2-60		MS25082C3	----	1/3-82	1
		1/3-82A		MS25082C4	5310-00-137-3134	1/2-63	12
		15-26				5/2-51	
MS21919DG9	5340-00-726-9317	15-15	1			5/2-59	
						5/3-85	

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
MS25306-232	5930-00-727-9276	12-21	1	MS35206-246	5305-00-984-6194	5/1-1	16
MS25307-222	5930-00-984-9883	12-26	1			5/1-3	
MS27183-10	5310-00-809-4058	5/2-53	8			5/1-4	
		5/3-87				5/4-125	
MS3116F8-4S	5935-00-892-9322	1/4-86	1	MS35206-247	5305-00-984-6195	5/2-66	5
MS3126F12-3S	5935-00-765-5991	19-5	1			15-25	
MS3470E14-19P	----	15-17	1			15-27	
MS3476E14-19S	----	1/1-33	72	MS35206-262	5305-00-984-6209	1/2-48	28
MS35206-203	5305-00-889-3118	29/1-2	AR	MS35206-264	5305-00-984-6211	5/1-33	6
		32/2-48		MS35207-261	----	1/2-53	6
MS35206-205	5305-00-989-0682	5/3-101	2			5/4-129A	
MS35206-214	5305-00-993-0190	5/3-93	9	MS35207-264	----	5/3-72	5
		26/1-12				5/3-78	
		26/1-19				5/3-83	
MS35206-215	-----	5/2-70	6	MS35307-261	----	1/2-51	
		15-18		MS35307-263	----	1/1-1	8
MS35206-217	5305-00-889-2999	7-2	11	MS35333-36	----	5/3-93	9
		14-4				5/4-146A	
MS35206-218	5305-00-983-6730	25/1-20	2			25/1-20	
MS35206-219	5305-00-984-4976	18-11	8	MS35333-39	5310-00-576-5752	1/1-1	20
MS35206-226	5305-00-984-4983	6/1-19	15			1/2-51	
		6/2-39		MS35333-73	5310-00-543-5933	1/3-82	1
MS35206-227	5305-00-984-4984	1/2-37	6	MS35333-74	5310-00-543-2740	1/2-64	12
		1/2-55				5/2-52	
MS35206-228	5305-00-984-4988	1/1-11	46			5/2-60	
		1/2-59		MS35338-100	5310-00-261-8278	5/3-86	
		1/2-61				1/3-82B	10
		5/2-37				5/1-33	
		5/2-39				5/3-72	
		5/2-41				5/3-78	
		5/3-99				5/3-83	
		5/4-108				5/4-129A	
		15-20				5/4-134	
		18-7		MS35338-101	5310-00-184-8970	1/1-5	9
MS35206-229	----	18-21	36			5/1-8	
MS35206-230	5305-00-889-3000	1/2-41	42			5/1-15	
		5/1-5				5/1-16	
		5/4-122				5/1-28	
		6/1-26				5/1-29	
		17-3		MS35338-102	5310-00-167-0671	1/1-8	2
		18-2				5/1-12	
MS35206-231	5305-00-889-3001	1/1-15	26	MS35338-134	5310-00-928-2690	29/1-2	AR
		18-4				32/2-48	
MS35206-232	5305-00-984-4992	5/2-43	20	MS35338-135	5310-00-933-8118	25/1-20	10
MS35206-235	----	1/3-69	17			26/1-12	
		1/3-71				26/1-17	
MS35206-242	----	1/2-39	10			26/1-19	
MS35206-245	5305-00-984-6193	1/3-82B	11	MS35338-136	5310-00-929-6395	18-8	8
		5/3-97		MS35338-138	----	15-28	6
		15-16		MS35338-40	5310-00-543-2410	5/2-70	2
		15-30		MS35338-96	5310-00-184-8990	5/3-101	2

Change 2 3-4



NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
MS35338-97	5310-00-184-8996	1/4-115	12	M38510-00103BCB	5962-00-318-2224	20-24	AR
MS35338-98	5310-00-184-8977	18-11	49			23-14	
		5/1-6				24-1	
		5/2-44				26/1-37	
		5/3-99				28/1-6	
		5/4-109				29/1-28	
		5/4-122				30/3-77	
		5/4-132				31/2-43	
		6/1-19				32/2-65	
		6/1-27				33/3-71	
MS35338-99	5310-00-576-0546	6/1-36	25	M38510-00104BCB	5962-00-318-2223	8/2-52	AR
		5/1-2				20-15	
		5/2-66				21-32	
		5/3-76				23-10	
		5/3-97				24-10	
		5/4-125				25/1-5	
		5/4-127				26/1-31	
MS35649-202	5310-00-934-9758	5/4-133		1		27/1-9	
MS35650-302	5310-00-934-9751	1/1-1	12			28/1-8	
		1/2-51				30/3-72	
MS39087-1	5340-00-984-8854	1/2-45		4		31/3-59	
MS77068-2	5940-00-827-2653	5/3-98		6		33/3-66	
		6/1-9		M38510-00108BCB	5962-00-341-0544	20-28	AR
		6/1-17				21-2	
		6/1-21				23-7	
		6/1-37				24-7	
MS77068-4	5940-00-583-7741	5/4-129	4			25/1-4	
MS90538-20	5950-00-994-6600	28/1-19	AR			27/1-14	
		30/3-58				28/1-1	
M12883-10-01	5935-00-456-0661	26/1-16	1			29-1-29	
M14157-2-4094M	5910-00-915-5379	1/3-76	1			30/3-76	
M21097-21-172	----	7-1	4			31/2-39	
M24066-4-106	----	6/2-52	4			32/2-66	
M24236-1-0884	----	5/3-79	1			33/3-69	
M24308-10-1	----	3-12	10	M38510-00108BCB	5962-00-372-0476	23-9	AR
M24308-11-1	5999-00-411-7645	15-23	45			26/1-39	
M24308-19-3	----	5/4-120	2			30/3-79	
M24308-2-5	----	3-7	2			31/3-51	
		3-21				33/3-74	
M24308-22-3	----	5/4-117	1	M38510-00205BCB	5962-00-348-2541	24-11	AR
M24308-23-3	----	7-5	3			31/2-38	
M24308-24-5	----	13-1	1	M38510-00302BCB	5962-00-024-0653	20-11	5
M24308-4-3	5935-00-489-9999	5/4-115	3			25/1-21	
		5/4-118				26/1-35	
M24308-4-5	5935-00-490-8389	15-21	1	M38510-00303BCB	5962-00-378-0216	25/1-2	AR
M38510-00011BCB	5962-00-365-5720	23-13	1			29/1-30	
M38510-00102BCB	5962-00-348-2715	20-5	AR	M38510-00401BCB	5962-00-369-7607	20-25	AR
		21-13				24-5	
		23-31				25/1-6	
		24-8				26/1-36	
		25/1-7				27/1-18	
		26/1-34				28/1-30	
		27/1-5					
		28/1-24					
		31/3-63					

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
M38510-00403BCB	5962-00-428-7318	23-30 24-2 27/1-26 30/3-73 33/3-67	AR	M38510-10102BCB	5962-00-007-4079	8/2-41 9/2-29 29/1-6 32/2-45 1312	AR    7
M38510-00502BCB	5962-00-369-7831	22-22 27/1-23 28/1-25	AR	M38527-1-14B1	----	25/2-24 32/2-68 20-8 27/2-34	AR AR
M38510-00504BCB	5962-00-365-5794	25/1-9	1	M39003-01-2242	5910-00-420-7182	30/1-5	AR
M38510-00701BCB	5962-00-361-8648	20-23 21-29 22-6 23-6 24-14 27/1-1 28/1-9 30/3-75 31/3-62 33/3-70	AR	M39003-01-2244	5910-00-487-8072	13-15 23-20 25/2-41 27/2-35 30/1-20 32/2-70 33/1-15	AR AR
M38510-00801BCB	5962-00-361-8732	13-6	4	M39003-01-2254	5910-00-829-3304	30/1-15	AR
M38510-01006BEB	5962-00-346-8888	13-4	2	M39003-01-2257	5910-00-021-8075	23-20 25/2-41 27/2-35 30/1-20 32/2-70 33/1-15	AR
M38510-01304BEB	5962-00-369-7642	22-30	4	M39003-01-2261	5910-00-858-5178	22-25 1/4-117 1/4-120 25/2-43	2 3
M38510-01306BEB	5962-00-369-7641	21-23 22-10 23-8 24-6 25/1-11 26/1-10 27/1-6 28/1-7 30/3-56 31/2-40 33/3-52	AR	M39003-01-2265	5910-00-858-5178	1/4-117 1/4-120 25/2-43 5/4-144 24-16 25/2-42 26/1-38 29/1-32 31/2-26 32/2-46	AR
M38510-01401BJB	5962-00-324-1456	20-22 21-33 22-8 23-5 23-16	11	M39003-01-2271	5190-00-997-4079	21-15 28/2-42 31/2-24 13-17 25/2-40	AR
M38510-01402BEC	----	21-31 23-16	7	M39003-01-2274	5910-00-868-5845	21-15 28/2-42 31/2-24	AR
M38510-01403BEB	5962-00-329-8166	24-35	5	M39003-01-2283	5910-00-078-7227	13-17 25/2-40	2
M38510-01404BEB	----	25/1-22	2	M39003-01-2286	5910-00-935-3511	20-14 26/1-28 28/2-45 30/1-4 31/2-30	AR
M38510-01405BEB	5962-00-430-2641	21-3 22-20	8	M39003-01-2289	5910-00-932-4455	21-21 27/2-41 30/1-15 32/2-42 33/1-7	AR
M38510-01701BEB	----	24-34	4	M39003-01-2301	5910-00-858-5184	1/4-118 1/4-121 25/2-28 26/1-3	12
M38510-01702BEB	5962-00-593-7201	22-5 24-29 27/1-15 28/1-27 30/3-80 31/2-42 33/3-73	AR	M39003-01-2304	5910-00-018-1418	30/1-14 31/2-35 33/1-6 5/3-80 10-6 11-9	AR
M38510-002105BCB	5962-00-369-7606	8/2-53	1	M39003-01-2306	5910-00-998-6949	5/3-80 10-6 11-9	5
M38510-05504BEA	----	33/3-53	AR				

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
M39003-01-2312	5910-00-998-4105	8/2-61	5	M39014-02-1391	5910-00-153-9996	9/2-24	AR
M39003-01-2356	5910-00-068-4298	9/2-23	AR			10-9	
M39014-01-1379	5910-00-143-0813	8/2-67	AR			11-6	
M39014-01-1385	5910-00-251-1551	30/1-7	AR			13-16	
M39014-01-1388	5910-00-156-5999	31/2-27	5			24-15	
M39014-01-1391	5910-00-251-1584	28/2-55	AR			25/2-25	
M39014-01-1394	5910-00-247-2083	29/1-22	AR			26/1-4	
M39014-01-1397	5910-00-261-8252	32/2-37	AR			27/2-30	
M39014-02-1362	5910-00-262-0963	29/1-25	AR			28/2-35	
M39014-02-1369	----	32/2-36	5			29/2-38	
M39014-02-1375	5910-00-251-1116	8/2-64	AR			30/1-6	
M39014-02-1378	5910-00-355-6328	9/2-17	AR			31/2-31	
		29/1-11	AR			32/2-41	
		30/1-11	AR	M39014-02-1393	----	33/1-10	AR
		32/2-52	AR			30/1-10	
		8/2-58	AR	M39014-02-1397	----	31/2-34	2
		9/2-27	AR			8/2-54	
		30/1-8	AR	M39016-23-001L	----	9/2-28	7
		30/1-2	AR			13-11	
		31/2-28	AR			25/2-23	
		27/2-45	AR	M39016-29-016L	----	13-13	1
		29/1-37	AR	M39018-03-0709	----	6/1-12	2
		5/4-143	AR	M39018-03-0720	----	6/1-1	2
		6/1-14				6/1-3	
		6/1-34		M39018-03-0722	----	6/1-4	2
		8/2-51		M39018-03-0725	----	6/1-13	2
		9/2-16		M39018-03-0732	----	6/1-33	2
		20-1		M39018-04-0077	----	5/4-123	1
		21-6		M39024-12-01	5935-00-493-0467	8/2-46	3
		22-4		M39024-18-05	----	20-19	AR
		23-4				21-24	
		24-4				22-14	
		25/2-26				23-25	
		26/1-9				24-31	
		27/2-42				25/2-32	
		28/2-39				26/2-58	
		29/1-23				27/1-12	
		30/1-1				28/1-14	
		31/2-29				29/1-19	
		32/2-59				30/1-19	
		33/1-2				31/2-37	
M39014-02-1383	----	8/2-70	AR				
		32/2-54					
		29/1-12				33/1-12	
		30/1-13		M39024-18-06	----	20-20	AR
		32/2-44				21-25	
M39014-02-1385	----	8/2-66	AR			22-18	
		9/2-32				23-28	
		30/1-12				24-32	
M39014-02-1387	----	8/2-69	AR			25/2-39	
		30/1-3				26/2-62	
		31/2-36				27/1-16	
M39014-02-1389	----	31/2-25				28/1-17	
						29/1-21	
						30/1-21	
						31/2-41	
						32/2-55	
						33/1-16	

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
M45938-3-3L	----	26/1-20	2	RCR07G102JS	5905-00-110-7620	8/1-5	AR
M45938-3-5L	5310-00-310-6153	6/1-31	4			9/1-6	
M55155-29-6	5940-00-082-4666	13-24	25			20-26	
M6954	----	32/2-47	AR			21-12	
M6955	----	29/1-1	AR			22-16	
M8340102-M222JB	----	20-18	4			23-24	
		23-2				24-12	
M83421-01-1118P	----	29/1-10	101			25/2-27	
		32/2-56				26/2-44	
M83421-01-1160P	----	29/1-13	AR			27/2-31	
		32/2-38		28/2-34			
M83421-01-1172P	----	29/1-8	AR	29/2-48			
		32/2-53		30/2-24			
M83723-15S-14	----	1/1-34	AR	31/1-3			
M8805-23-001	5930-00-999-4401	12-19	2	32/1-1			
		12-20		33/2-38			
NAS1786B06-5	----	6/1-28	2	RCR07G103JS	5905-00-106-3666	8/1-2	AR
NAS43DDO-16	5365-00-632-3102	1/4-116	4			9/1-4	
NAS43HT1-20	----	12-10	4			20-12	
NAS549G416	----	5/1-16	2			21-17	
		5/1-28				23-21	
NAS620-2	5310-00-616-6791	32/2-48	AR			25/2-36	
NAS620-3		29/1-2	AR			26/2-66	
NAS620-4	5310-00-680-6336	1/4-115	4			27/2-39	
NAS620-4L	5310-00-616-3648	25/1-20	16			28/2-46	
		26/1-17				29/2-52	
		26/1-19		30/2-48			
NAS620-6L	5310-00-616-6822	12/10	4	32/1-12			
NAS620C4	5310-00-057-0573	5/2-49	10	33/2-49			
NAS620C4L	----	5/2-70	2	29/2-44			
NAS620C6	5310-00-773-7624	5/4-110	9	30/2-28			
		5/4-122		31/1-7			
NAS671-10	5310-00-619-4376	15-28	6	32/1-15			
NAS671-2	5310-00-817-9056	29/1-2	AR	25/2-35			
	----	32/2-48		28/2-49			
NAS671-4		1/3-79	16	30/2-47			
		1/4-115		31/1-19			
		5/2-70		33/2-47			
		25/1-20		30/2-45			
		26/1-12		31/1-20			
		26/1-17		33/2-44			
		26/1-19		24-22			
NAS671-6	5310-00-631-1294	5/4-131	4	27/2-32			
NAS671-8	5310-00-725-4712	1/3-828	7	28/2-37			
		5/4-125	9	29/1-20			
		5/4-127		32/1-32			
PC26J100	5910-00-156-9847	28/2-48	AR	6/1-15			
RCR07G101JS	5905-00-141-1183	8/1-16	AR	6/1-16			
		9/1-9		8/1-24			
		25/2-38		9/1-14			
		26/2-49		30/2-37			
		30/2-44		31/1-18			
		31/1-16		33/2-46			
		33/2-42		23-22			
		26/2-63					
				RCR07G104JS	5905-00-110-0388	30/2-28	AR
				31/1-7			
				RCR07G105JS	5905-00-116-8554	32/1-15	AR
				RCR07G121JS	5905-00-119-8812	25/2-35	AR
						28/2-49	
				RCR07G122JS	5905-00-131-1255	30/2-47	AR
						31/1-19	
				RCR07G123JS	5905-00-106-1278	33/2-47	AR
						30/2-45	
						31/1-20	
						33/2-44	
				RCR07G152JS	5905-00-106-1356	24-22	AR
						27/2-32	
						28/2-37	
						29/1-20	
						32/1-32	
				RCR07G154JS	5905-00-114-5339	6/1-15	AR
						6/1-16	
						8/1-24	
						9/1-14	
						30/2-37	
						31/1-18	
						33/2-46	
						23-22	AR

Change 2 3-8

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
RCR07G155JS	5905-00-111-1684	30/2-31	AR	RCR07G391JS	5905-00-121-9932	13-8	AR
RCR07G183JS	5905-00-115-3560	22-24	AR	RCR07G392JS	5905-00-141-0743	29/2-58	AR
RCR07G220JS	5905-00-106-3668	30/2-36	AR	RCR07G393JS	5905-00-115-8055	30/2-46	1
RCR07G221JS	5905-00-135-3973	31/1-2	AR	RCR07G470JS	5905-00-104-8368	31/1-17	AR
RCR07G222JS	5905-00-105-7764	33/2-33	AR	RCR07G471JS	5905-00-120-9154	33/2-43	AR
RCR07G223JS	5905-00-116-8556	32/1-16	AR	RCR07G472JS	5905-00-114-0711	8/1-36	AR
RCR07G225JS	5905-00-252-1671	13-7	AR	RCR07G473JS	5905-00-141-0717	21-28	REF
RCR07G226JS	----	28/2-51	AR	RCR07G513JS	----	27/2-47	AR
RCR07G270JS	5905-00-481-1321	8/1-12	AR	RCR07G561JS	5905-00-105-7768	30/2-26	AR
RCR07G271JS	5905-00-119-3503	13-10	AR	2	5905-00-141-0744	31/1-6	AR
RCR07G272JS	5905-00-111-4727	26/2-43	AR	RCR07G562JS	5905-00-141-0744	8/1-1	AR
RCR07G273JS	5905-00-119-3504	28/2-38	AR	RCR07G563JS	5905-00-106-1357	22-13	AR
RCR07G274JS	5905-00-120-9152	29/1-31	AR	RCR07G681JS	5905-00-135-6046	26/2-52	AR
RCR07G303JS	5905-00-135-6045	30/2-41	AR	RCR07G682JS	5905-00-110-7622	30/2-25	AR
RCR07G330JS	5905-00-114-0710	31/1-14	AR	RCR07G683JS	5905-00-110-7622	31/1-4	AR
RCR07G331JS	5905-00-126-6683	33/2-39	1	RCR07G684JS	5905-00-104-8357	33/2-45	AR
RCR07G332JS	5905-00-126-6683	8/1-13	AR	RCR07G685JS	----	8/1-31	AR
RCR07G333JS	5905-00-118-4559	28/2-40	AR	RCR07G820JS	----	26/2-40	AR
RCR07G334JS	5905-00-485-4545	29/2-47	AR	RCR07G821JS	5905-00-119-8768	28/2-44	2
RCR07G335JS	5905-00-126-6677	30/2-32	AR	RCR07G822JS	----	29/2-57	AR
		31/1-5	AR			30/2-38	AR
		32/1-10	AR			31/1-11	AR
		21-16	AR			32/1-30	AR
		27/2-36	AR			32/1-30	AR
		30/2-35	AR			33/2-30	AR
		31/1-10	AR			26/2-64	AR
		33/2-48	AR			33/2-20	AR
		33/2-31	AR			5/4-145	AR
		8/1-9	AR			25/2-30	AR
		8/1-28	AR			28/2-47	AR
		28/2-32	AR			8/1-25	AR
		8/1-21	AR			9/1-15	AR
		9/1-5	AR			33/2-34	AR
		29/2-53	AR			32/1-28	AR
		32/1-22	AR			8/1-3	AR
		AR	AR			28/2-56	AR
		26/2-65	AR			29/2-55	AR
		28/2-53	AR			32/1-5	AR
		30/2-30	AR			8/1-23	AR
		32/1-34	AR			9/1-7	AR
		33/2-26	AR			24-21	AR
		29/2-41	AR			27/2-33	AR
		32/1-7	AR			28/2-33	AR
		26/2-67	1			29/1-33	AR
		21-27	AR			32/1-31	AR
		25/2-34	AR			20-10	AR
		26/2-59	AR			25/2-37	AR
		29/2-56	AR			28/2-41	AR
		30/2-52	AR			30/2-29	AR
		33/2-19	AR			31/1-1	AR
		32/1-11	AR			33/2-32	AR
		30/2-27	AR			33/2-35	AR
		31/1-8	AR			8/1-29	2
		30/2-34	AR			13-9	AR
		31/1-9	AR			33/2-23	AR

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
RCR07G823JS	5905-00-435-6374	30/2-33	AR	RNC55H2872FS	5905-00-236-0504	8/1-22	5
RCR20G104JS	5905-00-104-8336	1/3-75	1	RNC55H3320FS	5905-00-492-5420	9/1-8	AR
RCR20G181JS	5905-00-935-8544	24-17	AR	RNC55H3481FS	5905-00-422-4802	29/2-46	AR
RRC20G330JS	5905-00-935-8543	27/2-29	AR	RNC55H3482FS	5905-00-236-0513	32/1-8	AR
RRC20G390JS	5905-00-141-1118	26/2-50	AR	RNC55H4021FS	5905-00-481-8456	29/1-26	AR
RRC32G101JS	5905-00-104-8347	30/2-40	AR	RNC55H4022FS	5905-00-462-5635	32/1-25	AR
RRC32G121JS	5905-00-228-6081	31/1-13	1	RNC55H4221FS	5905-00-402-1399	29/2-54	AR
RRC32G122JS	5905-00-369-6916	33/2-37	AR	RNC55H4222FS	5905-00-429-8772	32/1-4	AR
RRC42G333JS	----	26/2-56	AR	RNC55H4640FS	5905-00-184-7790	29/2-50	AR
RER70FR100P	----	30/2-39	AR	RNC55H4642FS	5905-00-431-5159	32/1-3	4
RF7762	----	31/1-12	AR	RNC55H5110FS	5905-00-138-7399	8/1-35	2
RJ24FP103	5905-00-407-3102	33/2-36	AR	RNC55H5111FS	5905-00-402-6917	8/1-27	4
RJ24FP502	5905-00-005-7052	26/2-45	AR	RNC55H5620FS	5905-00-256-5051	26/2-52A	4
RJ24FX103	5905-00-091-8782	30/2-42	AR	RNC55H5621FS	5905-00-452-0714	32/1-26	AR
RJ24FX204	----	31/1-15	AR	RNC55H5901FS	5905-00-194-8390	8/1-30	2
RJ24FX254	----	33/2-40	AR	RNC55H6190FS	5905-00-356-4199	8/1-11	1
RJ24FX502	5905-00-024-0546	13-22	1	RNC55H6810FS	5905-00-421-6187	32/1-23	AR
RJ24FX503	----	30/2-43	AR	RNC55H6811FS	5905-00-421-6187	8/1-7	1
RNC55H1001FS	5905-00-138-3376	31/1-21	AR	RNC55H8252FS	5905-00-138-7008	8/1-6	1
RNC55H1002FS	5905-00-223-2741	33/2-41	2	RNC55H8661FS	5905-00-432-0331	29/1-4	AR
RNC55H1003FS	5905-00-401-7432	5/3-94	1	RNC55H9091FS	5905-00-186-2210	8/1-17	1
RNC55H1151FS	----	5/3-100	1	RNC55H9530FS	----	8/1-19	AR
RNC55H1211FS	----	15-29	1	RNC60H1000FS	----	29/1-5	AR
RNC55H1212FS	5905-00-153-0135	29/1-18	AR	RWR80S51R1FM	5905-00-834-0057	32/1-19	AR
RNC55H1332FS	----	32/1-21	AR	RWR80S511OOFM	----	29/2-45	AR
RNC55H1962FS	5905-00-256-8863	8/1-20	AR	RWR80S75ROFM	----	32/1-9	AR
RNC55H2052FS	5905-00-432-6364	33/2-24	AR	RW74U5111F	----	32/1-13	AR
RNC55H2151FS	5905-00-481-8454	33/2-21	AR	RW79UR1OOF	----	8/1-18	4
RNC55H2262FS	5905-00-138-7396	8/1-4	2	RW79U100R0F	5905-00-985-6317	9/1-13	4
RNC55H2371FS	5905-00-402-1194	33/2-27	AR	RW79U2150F	----	9/1-11	4
RNC55H2491FS	5905-00-721-3678	8/1-8	AR	RW79U56R2F	5905-00-917-9015	26/2-54	AR
RNC55H2611FS	5905-00-481-1321	32/1-27	AR	SE099E05	----	32/1-14	AR
RNC55H2612FS	5905-00-431-5152	8/1-15	AR	SE109D02	5940-00-082-4745	26/2-55	2
RNC55H2871FS	5905-00-758-5011	9/1-10	AR	SE12XC08	5940-00-718-1721	26/2-46	4
		29/2-49	AR	SE20XD02	----	24-23	AR
		32/1-33	AR	SE219E03	----	26/2-57	AR
		32/1-2	AR			27/2-28	
		26/2-51	AR			28/2-36	
		8/1-26	1			10-3	5
		29/2-39	AR			11-10	
		8/1-14	1			10-7	5
		29/1-27	AR			11-1	
		32/1-24	AR			10-11	5
		29/2-51	AR			11-2	
		32/1-29	AR			10-10	5
		29/2-42	AR			11-7	
		32/1-35	AR			8/1-34	1
		29/2-40	AR			1/3-77	2
		26/2-53	2			6/1-18	11
		8/1-32	1			6/1-35	
		8/1-33	1			7-8	3
		32/1-17	AR			5/3-92	2
		8/1-10	AR			5/3-73	8
		32/1-20	AR			5/3-81	
						5/3-103	

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
SH637	----	1/2-50	2	6016-14A	5340-00-060-0929	6/2-41	2
ST2100-4500-062	----	18-23	64	6018-63A	5340-00-753-6927	6/2-44	4
TC105A	5340-00-917-8296	15-33	7	6020-43A	----	6/2-46	8
VE70100	----	8/2-63	5	6100	5999-00-412-0021	20-21	AR
9/2-33						21-26	
WC596D26	----	19-1	1			22-19	
X6963	----	6/1-25	1			23-23	
012-7309-002	----	18-17	548			24-33	
021-2003-00-0-479	----	6/1-22	2			25/2-31	
		6/1-23				26/1-23	
030-7311-003	----	18-16	3690			27/1-11	
1100B-2SECTION	----	1/4-119	1			28/1-13	
15B6-3	5999-00-992-9848	6/2-63	8			29/1-17	
		6/2-69				30/2-51	
1696-3	----	5/2-65	1			31/1-22	
201-7309-000	----	18-13	80			32/1-18	
20214	5940-00-254-5216	5/2-64	6			33/1-11	
		5/3-91		6103C	----	25/1-19	1
21F2-06	----	6/1-11	14	61814046-001	5962-01-004-8176	23-12	1
		18-3		61814070-001	5961-01-004-8226	5/2-42	10
		18-5		61814120-001	----	13-3	2
21F2-4	----	5/1-10	4	61814185-001	5962-01-004-3909	8/2-56	AR
		5/1-19				9/2-22	
		5/2-63		61814190-001	5962-01-004-8177	21-7	AR
21F2-5	----	5/1-14	REF			22-1	
		5/1-17				27/1-20	
225-559	----	7-3	4	61814191-001	5962-01-004-8178	21-4	8
231-0017-000	----	15-5	4	61814192-001	5962-01-004-8179	22-29	AR
		15-11				27/1-17	
		18-12				28/1-28	
24A5-428-050	----	5/1-16	10	61814193-001	5962-01-004-8180	21-30	2
		5/1-28		61814194-001	5962-01-007-0671	22-21	13
		5/2-62				24-36	
		5/3-89		61814195-001	5962-01-004-8181	24-30	7
2720-1	5340-00-997-9160	5/1-21	2	61814196-001	5962-01-004-8182	27/1-4	AR
30340-5	----	15-1	65			28/1-4	
33449-1	----	1/1-32	2860			29/1-36	
34137	----	3-14	1	61814197-001	5962-01-005-2517	31/3-45	AR
34138	----	3-5	1	61814198-001	5962-01-004-3690	30/3-62	AR
350-3927-11-07	----	7-9	8			31/3-47	
		13-25		61814199-001	5962-01-004-5403	24-24	3
461-2872-01-03-12	----	20-16	AR			26/1-25	
		22-11		61814200-001	5962-01-004-5404	20-27	AR
		23-26				21-22	
		24-13				23-15	
		25/2-33				24-9	
		26/2-60				25/1-8	
		27/2-43				26/1-33	
		28/2-57				27/1-7	
		30/1-23				28/1-10	
		31/3-65				29/1-24	
		33/1-17				30/3-68	
47-10-204-10	----	14-1	30			31/3-60	
		16-1				32/2-62	
47-12-204-10	----	17-1	18			33/2-50	
495320	----	5/2-45	10				

Change 2 3-11

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
61814201-001	5962-01-004-5405	22-2 23-11 25/1-16 27/1-8 28/1-29 30/3-74 31/3-57 33/3-68	AR	61814285-001	5962-01-004-5410	22-23 24-28 26/1-8 27/1-22 30/3-69 33/3-63	AR
61814202-001	5962-01-004-5406	27/1-19 28/1-26 30/3-81 31/3-58 33/2-51	AR	61814286-001	5962-01-004-8183	20-29 21-9 22-7 24-20 26/1-22 24-37	19
61814203-001	5962-01-005-2518	20-30 21-20 22-27 23-17 25/1-12 26/1-30 27/1-27 28/1-15 30/3-70 31/3-64 32/2-69 33/3-64	AR	61814287-001	5962-01-007-0670	24-37 25/1-1 21-1	4
61814204-001	5962-01-004-5407	23-29	3	61814288-001	5962-01-004-3910	23-1 25/1-15 27/1-21 28/1-5 31/3-61	AR
61814206-001	5962-01-004-5397	8/2-49 9/2-25	6	61814289-001	5962-01-004-3911	27/1-13 30/3-82 33/3-75	AR
61814214-001	----	5/1-16 5/1-28	2	61814290-001	5962-01-004-5221	30/3-59 31/3-46 25/1-18	AR
61814281-001	5962-01-004-5222	20-2 21-10 22-9 24-19 27/1-10 30/3-78 33/3-72	AR	61814291-001	5962-01-004-8175	30/1-9	1
61814282-001	5962-01-004-5223	20-3 21-14 22-15 24-27 25/1-17 26/1-27 27/1-25 30/3-71 33/3-65	AR	61814309-001	5910-01-007-2576	31/2-33 25/1-10	AR
61814283-001	5962-01-004-5408	21-8 22-28 24-38	4	61814312-001	----	30/2-54	3
61814284-001	5962-01-004-5409	21-11 22-17	2	61814318-001	5962-01-010-4146	1/3-67	1
				61814325-001	----	33/3-54	AR
				61814328-001	----	31/2-33	1
				61814333-001	----	33/1-5	1
				61860000-009	5805-01-005-1606	1-	1
				61860001-009	----	1/3-83	1
				61860002-009	----	1/1-17	1
				61860003-001	----	16-3	1
				61860004-001	----	17-2	2
				61860005-001	----	17-4	2
				61860005-002	----	17-6	1
				61860006-001	----	17-5	1
				61860007-001	----	17-7	1
				61860008-001	----	16-2	1
				61860009-001	----	1/2-43	1
				61860011-001	----	1/1-2	1
				61860011-009	----	1/2-57	1
				61860012-001	----	1/2-54	1
				61860013-001	----	16-1	18
				61860014-002	----	1/3-65	1
						1/2-47	2



NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
61860015-001	----	27/2-46	AR	61861501-001	----	15-32	1
		28/2-31		61861502-001	----	15-2	1
		31/3-68		61861503-001	----	15-19	1
61860016-002	----	27/1-24	AR	61861504-001	----	15-31	1
		28/2-59		61861550-009	----	1/1-13	1
		31/3-67		61861551-001	----	14-9	1
61860017-001	----	1/4-103	1	61861551-009	----	14-8	1
61860017-002	----	1/4-95	1	61861552-001	----	14-2	1
61860017-003	----	1/4-101	1	61861700-009	----	1/1-35	1
61860017-004	----	1/4-99	1	61862000-009	----	1/1-18	1
61860017-005	----	1/4-97	1			1/2-36	
61860017-006	----	1/4-105	1	61862100-009	----	18-19	1
61860017-007	----	1/4-107	1	61862101-001	----	18-20	1
61860017-008	----	1/4-110	1	61862102-001	----	18-28	2
61860017-010	----	1/4-113	1	61862103-001	----	18-24	1
61860017-011	----	1/4-87	1	61862104-001	----	18-32	2
61860017-012	----	1/4-88	1			18-35	
61860017-013	----	3-6	1	61862104-009	----	18-30	2
61860017-014	----	3,9	1			18-33	
61860017-015	----	3-15	1	61862105-001	----	18-36	1
61860017-016	----	15-14	1	61862106-001	----	18-29	2
61860017-017	----	15-8	1	61862107-001	----	18-25	8
61860017-018	----	1/4-112	1	61862108-001	----	18-27	4
61860017-020	----	3-17	1	61862109-001	----	18-26	1
61860017-021	----	3-18	1	61862110-001	----	18-22	1
61860017-022	----	3-25	1	61862200-009	----	18-1	1
61860017-023	----	3-27	1	61862201-009	----	18-14	1
61860017-024	----	3-29	1	61862202-001	----	18-6	2
61860017-025	----	3-19	1	61863000-009	5805-01-010-2834	1/1-3	1
61860017-026	----	3-31	1	61863100-009	----	4-6	1
61860017-027	----	3-23	1	61863101-001	----	5/3-106	1
61860017-028	----	3-20	1	61863101-009	----	5/3-104	1
61860017-033	----	1/4-89	1	61863102-001	----	5/3-96	1
61860017-034	----	1/4-90	1	61863103-001	----	5/1-30	1
61860017-035	----	1/4-91	1	61863103-002	----	5/1-25	1
61860017-036	----	1/4-92	1	61863104-001	----	5/2-36	1
61860017-038	----	19-2	1	61863104-002	----	5/2-40	1
61860017-040	----	19-3	1	61863105-001	----	5/4-142	1
61860017-041	----	19-4	1	61863105-009	----	5/4-140	1
61860018-009	----	3-	1	61863106-001	----	5/2-57	1
61860019-001	----	1/3-66	1	61863108-001	----	5/2-38	1
61860021-009	----	1/1-30	1	61863109-001	----	5/1-27	1
61860025-009	----	1/4-114	1	61863110-009	----	5/4-147	1
61861000-009	----	1/1-10	1	61863114-001	----	6/2-55	1
61861001-001	----	12-31	1	61863114-009	----	6/2-49	1
61861001-009	----	12-29	1	61863115-001	----	6/2-48	1
61861002-001	----	1/2-44	1	61863115-009	----	6/2-38	1
61861003-001	----	12-1	1	61863116-001	----	6/2-71	1
61861004-009	----	12-7	1	61863116-002	----	6/2-65	1
61861028-009	----	12-9	1	61863116-009	----	6/2-66	1
61861029-001	----	13-26	1	61863116-019	----	6/2-60	1
61861029-009	----	13-23	1	61863117-001	----	6/2-59	1
61861050-001	----	1/3-68	1	61863117-009	----	6/2-56	1
61861300-009	----	1/4-93	1	61863118-001	----	6/1-32	1
61861500-009	----	1/1-14	1	61863118-009	----	6/1-29	1

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
61863120-009	5805-NC707144F	5/4-107	1	61864111-001	----	24-3	1
61863123-001	----	7-10	1	61864120-009	5805-NC706945F	1/1-29	1
61863123-009	----	7-7	1	61864121-001	----	25/1-3	1
61863130-009	5805-NC707145F	5/4-111	1	61864130-009	----	1/1-30	AR
61863133-001	----	8/2-42	1	61864131-001	----	31/1-23	AR
61863140-009	5805-NC707146F	5/4-112	1	61864140-009	5805-NC706947F	1/1-30	AR
61863143-001	----	9/1-1	1	61864141-001	----	32/1-6	AR
61863150-009	5805-NC707147F	5/4-114	1	61864150-009	5805-NC706948F	1/1-19	1
61863153-001	----	11-3	1	61864151-001	----	26/1-24	1
61863160-009	5805-NC707148F	5/4-113	1	61864154-001	----	26/1-21	1
61863163-001	----	10-2	1	61864154-009	----	26/1-18	1
61863200-001	----	4-5	1	61864155-001	----	26/1-14	1
61863200-009	----	4-2	1	61864155-002	----	26/1-13	1
61863201-001	----	4-4	1	61864155-009	----	26/1-11	1
61863301-001	----	8/2-43	2	61864160-009	----	1/1-30	AR
		10-4		61864161-001	----	33/1-4	AR
61863301-002	----	9/1-3	2	61867000-009	----	1/1-31	AR
		11-4		61867000-019	----	1/1-31	AR
61863302-001	----	5/2-56	1	645809-1	----	20-17	434
61863303-001	----	5/1-31	1			22-12	
61863303-002	----	5/1-26	1			23-27	
61863305-001	----	5/4-124	2			24-26	
61863308-001	----	5/4-121	2			25/2-29	
61863309-001	----	5/2-55	4			26/2-61	
61863310-001	----	5/1-22	4			27/2-44	
61863317-001	----	5/1-34	1			28/2-58	
61863318-001	----	5/4-135	1			30/1-22	
61863319-001	----	5/4-128	4			31/3-66	
61863321-001	----	5/2-37A	2			33/1-18	
		5/2-41A		75X25	----	5/2-54	4
61863322-001	----	5/2-39A	1	7717-107DAP	5999-00-132-0012	13-19	AR
61863323-001	----	5/3-74	1			21-19	
61864010-009	----	1/1-30	AR			24-25	
61864011-001	----	27/1-3	AR			26/1-26	
61864020-009	5805-01-005-3854	1/1-20	1			27/2-38	
		1/1-24	1			30/2-50	
61864021-001	----	20-4	2			33/1-14	
61864030-009	5805-NC706938F	1/1-21	1	7717-156DAP	5999-00-361-8859	30/2-55	AR
		1/1-25	1	7717-30DAP	5999-00-922-4894	13-14	1
61864031-001	----	21-5	2	7717-81DAP	5840-00-885-1170	8/2-48	62
61864040-009	5805-NC706939F	1/1-22	1			9/2-20	
		1/1-26	1			20-7	
61864041-001	----	22-3	2			23-19	
61864050-009	5805-NC706940F	1/1-23	1			25/1-14	
61864051-001	----	23-3	1			26/2-42	
61864060-009	5805-NC706941F	1/1-30	AR			28/1-12	
61864061-001	----	28/1-3	AR			29/1-15	
61864070-009	5805-01-004-5454	1/1-30	AR			30/3-61	
61864071-001	----	29/1-3	AR			31/3-49	
61864080-009	----	1/1-27	1			32/2-40	
61864090-009	5805-NC706944F	1/1-30	AR			33/2-29	
61864091-001	----	30/2-53	AR			33/3-60	
61864110-009	5805-NC706944F	1/1-28	1	78H402	----	8/2-62	5
						9/2-35	

NUMERICAL INDEX

Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item	Part Number	NSN (Army Only)	Fig. & Index No.	Qty Per End Item
78H428	----	6/1-5	2	875X.281	----	5/2-64A	10
78H429	----	5/1-32	1			5/3-88	
78H432	----	5/3-77	4			5/3-90	
78H433	----	5/3-82	1	9001-100-1018	5915-00-127-4304	1/3-80	2
8004-1G17	5955-00-908-8636	5/3-71	1	970-3289-12	----	26/1-15	1
		28/1-20	AR	970-3290-2	----	26/1-29	1

Change 2 3-15/(3-16 blank)

SECTION IV  
 REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER
1	1-	1A1A1R27	8/1-4	1A1A1VR8	8/2-68
1A1	1/1-3	1A1A1R28	8/1-6	1A1A2	5/4-112
1A1A1	5/4-111	1A1A1R29-R34	8/1-15	1A1A2AR1-AR3	9/2-25
1A1A1AR1-AR3	8/2-41	1A1A1R35	8/1-2	1A1A2AR4	9/2-29
1A1A1AR4	8/2-49	1A1A1R36	8/1-31	1A1A2AR5	9/2-25
1A1A1AR5, AR6	8/2-41	1A1A1R37, R38	8/1-15	1A1A2CR1, CR2	9/2-30
1A1A1AR7	8/2-49	1A1A1R39	8/1-2	1A1A2C1	9/2-16
1A1A1CR1-CR8	8/2-37	1A1A1R40, R41	8/1-12	1A1A2C2	9/2-32
1A1A1CR12-CR15	8/2-37	1A1A1R42-R46	8/1-15	1A1A2C3	9/2-28
1A1A1C1	8/2-69	1A1A1R47	8/1-13	1A1A2C4	9/2-16
1A1A1C2, C3	8/2-51	1A1A1R48	8/1-33	1A1A2C5	9/2-17
1A1A1C4	8/2-70	1A1A1R49	8/1-9	1A1A2C6	9/2-16
1A1A1C5	8/2-51	1A1A1R50	8/1-3	1A1A2C7	9/2-26
1A1A1C6	8/2-70	1A1A1R51	8/1-9	1A1A2C8	9/2-18
1A1A1C7	8/2-57	1A1A1R52	8/1-14	1A1A2C9	9/2-16
1A1A1C10, C11	8/2-67	1A1A1R53	8/1-10	1A1A2C100	9/2-21
1A1A1C12	8/2-51	1A1A1R54	8/1-7	1A1A2C11	9/2-27
1A1A1C13	8/2-54	1A1A1R55	8/1-11	1A1A2C12	9/2-16
1A1A1C14	8/2-66	1A1A1R56	8/1-8	1A1A2C13	9/2-26
1A1A1C15	8/2-51	1A1A1R57	8/1-23	1A1A2C14	9/2-18
1A1A1C16	8/2-58	1A1A1R58	8/1-5	1A1A2C15	9/2-17
1A1A1C17	8/2-64	1A1A1R59, R60	8/1-27	1A1A2C16	9/2-16
1A1A1C18	8/2-59	1A1A1R61	8/1-18	1A1A2C17	9/2-21
1A1A1C19	8/2-51	1A1A1R62	8/1-17	1A1A2C18	9/2-23
1A1A1C20	8/2-55	1A1A1R63	8/1-19	1A1A2C19	9/2-16
1A1A1C21	8/2-51	1A1A1R64	8/1-5	1A1A2C20	9/2-17
1A1A1C22	8/2-57	1A1A1R65	8/1-2	1A1A2C21	9/2-26
1A1A1C23	8/2-61	1A1A1R66	8/1-20	1A1A2C22	9/2-18
1A1A1Q1	8/2-50	1A1A1R67	8/1-2	1A1A2C23	9/2-16
1A1A1Q2	8/2-60	1A1A1R68	8/1-16	1A1A2C24	9/2-21
1A1A1Q3, Q4	8/2-50	1A1A1R69	8/1-15	1A1A2C25	9/2-27
1A1A1Q5-Q7	8/2-47	1A1A1R70	8/1-26	1A1A2C26	9/2-16
1A1A1Q8, Q9	8/2-50	1A1A1R71	8/1-2	1A1A2C27	9/2-26
1A1A1Q10, Q11	8/2-60	1A1A1R72	8/1-16	1A1A2C28	9/2-18
1A1A1Q12-Q14	8/2-50	1A1A1R73	8/1-2	1A1A2C29	9/2-21
1A1A1R1, R2	8/1-35	1A1A1R74	8/1-21	1A1A2C30	9/2-17
1A1A1R3	8/1-15	1A1A1R75, R76	8/1-5	1A1A2C31	9/2-16
1A1A1R4	8/1-2	1A1A1R77	8/1-23	1A1A2C32-C34	9/2-23
1A1A1R5-R7	8/1-16	1A1A1R78	8/1-22	1A1A2C35-C37	9/2-24
1A1A1R8, R9	8/1-35	1A1A1R79	8/1-24	1A1A2Q1, Q2	9/2-19
1A1A1R10	8/1-15	1A1A1R80, R81	8/1-25	1A1A2Q3	9/2-34
1A1A1R11	8/1-1	1A1A1R82	8/1-24	1A1A2Q4, Q5	9/2-19
1A1AR12	8/1-3	1A1A1R83	8/1-18	1A1A2Q6	9/2-34
1A1A1R13	8/1-34	1A1A1R84	8/1-36	1A1A2Q7-Q9	9/2-19
1A1A1R14	8/1-29	1A1A1TP1-TP3	8/2-46	1A1A2Q100	9/2-34
1A1A1R15	8/1-30	1A1A1T1	8/2-63	1A1A2Q11	9/2-19
1A1A1R16, R17	8/1-15	1A1A1T2	8/2-62	1A1A2Q12	9/2-34
1A1A1R18	8/1-4	1A1A1U1	8/2-53	1A1A2Q13, Q14	9/2-19
1A1A1R19	8/1-5	1A1A1U2	8/2-52	1A1A2Q15	9/2-34
1A1A1R20	8/1-30	1A1A1U3	8/2-56	1A1A2Q16, Q17	9/2-19
1A1A1R21	8/1-15	1A1A1VR1	8/2-38	1A1A2Q18	9/2-34
1A1A1R22	8/1-32	1A1A1VR2	8/2-45	1A1A2Q19-Q21	9/2-19
1A1A1R23	8/1-16	1A1A1VR3	8/2-40	1A1A2Q22	9/2-34
1A1A1R24	8/1-28	1A1A1VR4	8/2-39	1A1A2Q23	9/2-19
1A1A1R25	8/1-15	1A1A1VR5	8/2-40	1A1A2Q24	9/2-34
1A1A1R26	8/1-31	1A1A1VR6	8/2-45	1A1A2R1	9/1-4
		1A1A1VR7	8/2-65		

REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER
1A1A2R2	9/1-9	1A1A2R62	9/1-9	1A1CR7-CR10	5/2-50
1A1A2R3	9/1-5	1A1A2R63	9/1-15	1A1C1, C2	6/1-33
1A1A2R4	9/1-6	1A1A2R64	9/1-14	1A1C3	6/1-14
1A1A2R5	9/1-8	1A1A2R65	9/1-9	1A1C4	6/1-13
1A1A2R6	9/1-15	1A1A2T1	9/2-33	1A1C5	5/3-80
1A1A2R7	9/1-14	1A1A2T2	9/2-35	1A1C6	6/1-13
1A1A2R8	9/1-6	1A1A2T3	9/2-33	1A1C7	5/3-80
1A1A2R9	9/14	1A1A2T4	9/2-35	1A1C8	6/1-1
1A1A2R10	9/1-9	1A1A2T5	9/2-33	1A1C9	6/1-3
1A1A2R11	9/1-7	1A1A2T6	9/2-35	1A1C10, C11	6/1-12
1A1A2R12	9/1-8	1A1A2T7	9/2-33	1A1C12	5/4-144
1A1A2R13	9/1-14	1A1A2T8	9/2-35	1A1C13	5/4-143
1A1A2R14	9/1-6	1A1A2U1, U2	9/2-22	1A1C14, C15	6/1-4
1A1A2R15	9/1-9	1A1A2VR1	9/2-31	1A1C16	5/4-123
1A1A2R16	9/1-5	1A1A3	5/4-113	1A1C17	6/1-34
1A1A2R17, R18	9/1-15	1A1A3CR1-CR5	10-8	1A1C18, C19	5/3-95
1A1A2R19	9/1-11	1A1A3C1	10-1	1A1E15	5/3-73
1A1A2R20	9/1-10	1A1A3C6	10-9	1A1E17-E20	5/3-103
1A1A2R21	9/1-4	1A1A3C7	10-6	1A1E21-E23	5/3-81
1A1A2R22	9/1-14	1A1A3C8	10-1	1A1E24, E25	5/3-92
1A1A2R23	9/1-4	1A1A3C9	10-9	1A1F1-F5	6/1-24
1A1A2R24	9/1-7	1A1A3C100	10-6	1A1J1	5/2-67
1A1A2R25	9/1-6	1A1A3R1	10-3	1A1L1, L2	6/1-5
1A1A2R26	9/1-9	1A1A3R2	10-10	1A1L3	5/1-32
1A1A2R27	9/1-15	1A1A3R3	10-11	1A1L4, L5	5/3-102
1A1A2R28	9/1-14	1A1A3R4	10-7	1A1P1	5/4-115
1A1A2R29	9/1-10	1A1A3R5	10-3	1ALP2, P3	5/4-118
1A1A2R30	9/1-13	1A1A3R6	10-7	1A1Q1-Q100	5/2-42
1A1A2R31	9/1-6	1A1A3R7	10-11	1A1R1	6/1-15
1A1A2R32	9/1-4	1A1A3R8	10-10	1A1R2	6/1-16
1A1A2R33	9/1-10	1A1A4	5/4-114	1A1R3	5/4-145
1A1A2R34	9/1-13	1A1A4CR1-CR5	11-8	1A1R4	5/3-94
1A1A2R35	9/1-4	1A1A4C1	11-11	1A1R5	5/3-100
1A1A2R36, R37	9/1-9	1A1A4C2	11-6	1A1R6	5/3-94
1A1A2R38	9/1-4	1A1A4C3	11-11	1A151	5/3-79
1A1A2R39	9/1-5	1A1A4C6	11-6	1A1TB1	5/2-65
1A1A2R40	9/1-6	1A1A4C7	11-9	1A1T1	5/3-71
1A1A2R41	9/1-8	1A1A4C8	11-11	1A1T2, T3	5/3-77
1A1A2R42	9/1-5	1A1A4C9	11-6	1A1T4, T5	5/3-82
1A1A2R43	9/1-6	1A1A4R1	11-10	1A1T6	5/4-130
1A1A2R44	9/1-14	1A1A4R2	11-7	1A1W1	5/1-30
1A1A2R45	9/1-4	1A1A4R3	11-2	1A1W2	5/1-25
1A1A2R46	9/1-9	1A1A4R4	11-1	1A16	1/1-19
1A1A2R47	9/1-7	1A1A4R5	11-10	1A16CR1 -CR18	26/1-5
1A1A2R48	9/1-8	1A1A4R6	11-1	1A16C1-C4	26/1-9
1A1A2R49	9/1-11	1A1A4R7	11-2	1A16C5	26/1-28
1A1A2R50	9/1-9	1A1A4R8	11-7	1A16C6, C7	26/1-3
1A1A2R51	9/1-5	1A1A4R9	11-10	1A16C8	26/1-4
1A1A2R52	9/1-6	1A1A4R10	11-7	1A16C9	26/1-9
1A1A2R53	9/1-14	1A1A4R11	11-2	1A16C10	26/1-4
1A1A2R54	9/1-15	1A1A4R12	11-1	1A16C11	26/1-9
1A1A2R55	9/1-10	1A1A5	5/4-107	1A16C12	26/1-7
1A1A2R56	9/1-4	1A1A5CR1 -CR5	7-4	1A16C14	26/1-6
1A1A2R57	9/1-15	1A1A5E1-E3	7-8	1A16C15-C17	26/1-4
1A1A2R58	9/1-14	1A1A5J1-J3	7-5	1A16C18	26/1-9
1A1A2R59	9/1-4	1A1A5XA1-XA4	7-1	1A16C19	26/1-38
1A1A2R60	9/1-7	1A1CR1-CR4	5/3-84	1A16C20-C23	26/1-9
1A1A2R61	9/1-6	1A1CR5, CR6	5/2-58	1A16C24	26/1-4

REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER
1A16C25	26/1-9	1A16R50, R51	26/2-51	1A17Q1	20-6
1A16C26	26/1-4	1A16R52	26/2-52A	1A17R1	20-10
1A16C27	26/1-7	1A16R53	26/2-55	1A17R2	20-9
1A16C29	26/1-9	1A16R54	26/2-54	1A17R3	20-26
1A16C30	26/1-6	1A16R55	26/2-53	1A17R4	20-12
1A16C31 - C33	26/1-1	1A16R56	26/2-52A	1A17S1	20-16
1A16C34	26/1-9	1A16R57	26/2-44	1A17TP5	20-19
1A16C35	26/1-4	1A16R58, R59	26/2-49	1A17TP7-TP10	20-19
1A16C36	26/1-28	1A16R60	26/2-45	1A17TP12-TP15	20-19
1A16C37	26/1-4	1A16R61	26/2-43	1A17TP17	20-20
1A16Q1-Q4	26/2-.18	1A16R62	26/2-65	1A17U1, U2	20-18
1A16Q5	26/2-47	1A16R63	26/2-50	1A17U3-U6	20-22
1A16Q6	26/2-48	1A16R64	26/2-44	1A17U7	20-15
1A16Q7	26/2-47	1A16R65	26/2-66	1A17U8	20-23
1A16Q8	26/2-41	1A16R66	26/2-44	1A17U9	20-24
1A16Q9 -Q14	26/2-48	1A16R67	26/2-65	1A17U10	20-25
1A16Q15	26/2-47	1A16S1-S8	26/2-60	1A17U11	20-11
1A16Q16	26/2-48	1A16TP3-TP6	26/2-62	1A17U12	20-30
1A16Q17	26/2-47	1A16TP10-TP16	26/2-58	1A17U13	20-22
1A16Q18	26/2-41	1A16TP17	26/2-62	1A17U14	20-28
1A16Q19, Q20	26/2-48	1A16U1	26/1-22	1A17U15	20-27
1A16R1	26/2-64	1A16U2	26/1-10	1A17U16	20-5
1A16R2	26/2-57	1A16U3	26/1-27	1A17U17	20-3
1A16R3, R4	26/2-59	1A16U4	26/1-22	1A17U18	20-29
1A16R5, R6	26/2-40	1A16U5	26/1-27	1A17U19	20-28
1A16R7	26/2-63	1A16U6, U7	26/1-10	1A17U20	20-3
1A16R8	26/2-44	1A16U8	26/1-25	1A17U21	20-2
1A16R9	26/2-67	1A16U9	26/1-27	1A17U22	20-28
1A16R10, R11	26/2-52	1A16U110	26/1-30	1A17U23	20-29
1A16R12	26/2-66	1A16U11	26/1-10	1A17U24	20-3
1A16R13, R14	26/2-46	1A16U12	26/1-8	1A18	1/1-21
1A16R15	26/2-44	1A16T113	26/1-31	1A18C1-C6	21-6
1A16R16	26/2-45	1A16U14	26/1-14	1A18C7	21-21
1A16R17, R18	26/2-49	1A16U15	26/1-15	1A18C8	21-15
1A16R19	26/2-43	1A16U16	26/1-33	1A18Q1	21-18
1A16R20	26/2-50	1A16UJ17	26/1-34	1A18R1-R3	21-12
1A16R21	26/2-56	1A16U18	26/1-33	1A18R4	21-28
1A16R22, R23	26/2-40	1A16U19	26/1-36	1A18R5-R10	21-12
1A16R24, R25	26/2-51	1A16U20	26/1-31	1A18R11	21-16
1A16R26	26/2-52A	1A16U21	26/1-35	1A18R12	21-17
1A16R27	26/2-55	1A16U22	26/1-39	1A18R13	21-16
1A16R28	26/2-54	1A16U23	26/1-37	1A18R14	21-17
1A16R29	26/2-53	1A16U24	26/1-35	1A18R15	21-27
1A16R30	26/2-52A	1A16VR1	26/1-32	1A18TP1-TP16	21-24
1A16R31	26/2-44	1A16VR2	26/1-2	1A18TP17	21-25
1A16R32, R33	26/2-49	1A16VR3	26/1-1	1A18U1	21-20
1A16R34	26/2-45	1A16VR4	26/1-2	1A18U2, U3	21-9
1A16R35	26/2-43	1A16VR5	26/1-1	1A18U4	21-10
1A16R36	26/2-50	1A16VR6	26/1-2	1A18U5	21-22
1A16R37, R38	26/2-46	1A16VR7, VR8	26/1-1	1A18U6	21-23
1A16R39	26/2-44	1A16VR9	26/1-2	1A18U7, U8	21-2
1A16R40	26/2-45	1A16Y1	26/1-15	1A18U9	21-13
1A16R41, R42	26/2-49	1A16Y2	26/1-29	1A18U10	21-14
1A16R43	26/2-43	1A17	1/1-20	1A18U11	21-9
1A16R44	26/2-50	1A17CR1	20-13	1A18U12	21-8
1A16R45	26/2-56	1A17C1-C4	20-1	1A18U13	21-14
1A16R46, R47	26/2-40	1A17C5	20-8	1A18U14	21-23
1A16R48, R49	26/2-52	1A17C6	20-14	1A18U15	21-13

REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER
1A18U16	21-10	1A19U24	22-15	1A2XDS11	12-18 -
1A18U17	21-11	1A19U25, U26	22-7	1A20	1/1-23
1A18U18	21-9	1A19U27	22-8	1A20C1	23-20
1A18U19	21-10	1A19U28	22-6	1A20C2-C5	23-4
1A18U20	21-30	1A19U29	22-5	1A20Q	23-18
1A18U21	21-2	1A19U30	22-7	1A20R1	23-22
1A18U22	21-9	1A19U31	22-15	1A20R2	23-21
1A18U23	21-29	1A19U32	22-23	1A20R3-R6	23-24
1A18U24	21-8	1A19U33	22-7	1A20S1	23-26
1A18U25	21-9	1A19U34	22-2	1A20TP1-TP9	23-25
1A18U26, U27	21-2	1A19U35	22-1	1A20TP17	2.3-28
1A18U28	21-31	1A19U36	22-30	1A20U1	23-17
1A18U29	21-3	1A19U37	22-9	1A20U2-U6	23-16
1A18U30, U31	21-4	1A19U38	22-7	1A20U7	23-29
1A18U32	21-7	1A19U39	22-9	1A20U8, U9	23-8
1A18U33	21-3	1A19U40	22-7	1A20U10	23-15
1A18U34	21-32	1A19U41	22-2	1A20U11	23-14
1A18U35-U37	21-1	1A19U42	22-1	1A20U12	23-12
1A18U38, U39	21-7	1A19U43	22-30	1A20U13	23-13
1A18U40, U41	21-2	1A19U44	22-29	1A20U14, U15	23-7
1A18U42	21-22	1A19U45	22-15	1A20U16	23-10
1A18U43	21-3	1A19U46	22-9	1A20U17	23-15
1A18U44	21-33	1A19U47	22-28	1A20U18	23-11
1A18U45-U47	21-7	1A19U48	22-27	1A20U19, U20	23-10
1A18U48, U49	21-1	1A2	1/1-10	1A20U21	23-9
1A18U50	21-31	1A2A1	12-9	1A20U22	23-31
1A18U51, U52	21-4	1A2A1AT1	13-18	1A20U23	23-10
1A18U53	21-3	1A2A1CR1	13-21	1A20U24	23-6
1A18U54-U56	21-1	1A2A1C1	13-15	1A20U25	23-30
1A18U57	21-33	1A2A1C2	13-16	1A20U26	23-8
1A19	1/1-22	1A2A1C3	13-17	1A20U27	23-7
1A19CR1	22-26	1A2A1EI-E25	13-24	1A20U28	23-6
1A19C1	22-25	1A2A1J1	13-1	1A20U29	23-2
1A19C2-C8	22-4	1A2A1K1	13-11	1A20U30	23-10
1A19R1	22-24	1A2A1K2	13-13	1A20U31	23-29
1A19R2	22-13	1A2A1R1-R14	13-7	1A20U32	23-14
1A19R3-R5	22-16	1A2A1R15	13-22	1A20U33	23-29
1A19S1, S2	22-11	1A2A1R16-R18	13-10	1A20U34	23-5
1A19TP1-TP16	22-14	1A2A1R19	13-9	1A20U35	23-7
1A19TP17	22-18	1A2A1R20	13-8	1A20U36	23-14
1A19U1	22-8	1A2A1U1, U2	13-3	1A20U37, U38	23-6
1A19U2, U3	22-10	1A2A1U3, U4	13-4	1A20U39	23-1
1A19U4	22-15	1A2A1U5-U8	13-6	1A20U40-U42	23-6
1A19U5	22-17	1A2A1VR1	13-5	1A20U43	23-2
1A19U6	22-10	1A2CB1	12-23	1A20U44	23-1
1A19U7	22-5	1A2DS1-DS5	12-11	1A20U45	23-7
1A19U8	22-8	1A2DS6	12-14	1A20U46, U47	23-30
1A19U9	22-10	1A2DS7-DS10	12-11	1A3	1/1-14
1A19U10, U11	22-20	1A2DS11	12-17	1A3J1-J65	15-1
1A19U12, U13	22-21	1A2E1	12-3	1A3J66	15-17
1A19U14	22-8	1A2J1	12-4	1A3J67	15-21
1A19U15	22-9	1A2S1	12-21	1A3P1	15-9
1A19U16, U17	22-10	1A2S2	12-19	1A3P2	15-3
1A19U18, U19	22-21	1A2S3	12-20	1A36	1/1-28
1A19U20	22-1	1A2S4	12-26	1A36C1	24-15
1A19U21	22-7	1A2XDS1-XDS5	12-13	1A36C2	24-16
1A19U22	22-10	1A2XDS6	12-16	1A36C3-C10	24-4
1A19U23	22-22	1A2XDS7-XDS10	12-13	1A36R1	24-23

REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER
1A36R2, R3	24-12	1A36U53	24-38	1A37U19	26/1-7
1A36R4	24-22	1A36U54	24-29	1A37U20	25/1-1
1A36R5	24-17	1A36U55	24-19	1A37U21	25/1-
1A36R6, R7	24-21	1A36U56	24-20	1A37U22	25/1-16
1A36R8	24-23	1A36U57	24-6	1A37U23	25/1-5
1A36R9, R10	24-12	1A36U58	24-2	1A37U24	25/1-6
1A36R11, R12	24-21	1A36U59, U60	24-1	1A37U25	26/1-1
1A36R13	24-22	1A36U61	24-28	1A37U26	25/1-65
1A36R14-R17	24-12	1A36U62	24-29	1A37U27	26/1-7
1A36S1 -S5	24-13	1A36U63	24-27	1A37U28	25/1-4
1A36TP1 -TP12	24-31	1A36U64	24-28	1A37U29-U31	26/1-5
1A36TP14-TP16	24-31	1A36U65	24-30	1A37U32	25/1-4
1A36TP17	24-32	1A36VR1	24-18	1A37U33	25/1-11
1A36U1, U2	24-24	1A37	1/1-29	1A37U34	25/1-4
1A36U3	24-27	1A37C1	25/2-41	1A37U35	25/1-15
1A36U4, U5	24-28	1A37C2	25/2-40	1A37U36	25/1-11
1A36U6	24-30	1A37C3-C6	25/2-25	1A37U37	25/1-16
1A36U7	24-29	1A37C7-C11	25/2-26	1A37U38-U40	25/1-2
1A36U8	24-35	1A37C12, C13	25/2-28	1A37U41	25/1-22
1A36U9	24-34	1A37C14	25/2-25	1A37U42	25/1-21
1A36U10	24-11	1A37C15	25/2-42	1A37U43	25/1-17
1A36U11	24-20	1A37C16	25/2-43	1A37U44, U45	25/14
1A36U12	24-5	1A37K1 -K6	25/2-23	1A37U46	25/1-22
1A36U13	24-29	1A37Q1	25/1-13	1A37U47	25/1-21
1A36U14	24-30	1A37R1-R4	25/2-34	1A37U48	25/1-18
1A36U15	24-29	1A37R5, R6	25/2-27	1A37U49	25/1-4
1A36U16	24-35	1A37R7	25/2-35	1A38 (Same as 1A17)	1/1-24
1A36U17	24-36	1A37R8	25/2-36	1A39 (Same as 1A18)	1/1-25
1A36U18	24-14	1A37R9	25/2-37		
1A36U19	24-19	1A37R10	25/2-36		
1A36U20	24-5	1A37R11 -R14	25/2-27		
1A36U21	24-2	1A37R15	25/2-38	1A4	1/1-13
1A36U22	24-30	1A37R16, R17	25/2-30	1A4B1	14-3
1A36U23	24-35	1A37S1	25/2-33	1A40 (Same as 1A19)	1/1-26
1A36U24	24-34	1A37TP2	25/2-32		
1A436U25	24-36	1A37TP4	25/2-32	1A41	1/1-27
1A36U26	24-9	1A37TP6	25/2-32	1A5	1/1-18
1A36U27	24-11	1A37TP8	25/2-32	1A5	1/2436
1A36U28	24-10	1A37TP10	25/2-32	1A5JI, J2	18-10
1A36U29	24-9	1A37TP12	25/2-32	1A5XAI-XA41	18-15
1A36U30	24-30	1A37TP14	25/2-32	1C1	1/3-76
1A36U31	24-35	1A37TP17	25/2-39	1E1, E2	1/3-77
1A36U32	24-34	1A37U1, U2	25/1-10	1E3	1/3-78
1A36U33	24-36	1A37U3	25/1-4	1E4	1/2-62
1A36U34	24-8	1A37U4	25/1-11	1FL1, FL2	1/3-80
1A36U35, U36	24-7	1A37U5	25/1-7	1R1	1/3-75
1A36U37	24-37	1A37U6	25/1-1	1S1	1/3-73
1A36U38	24-30	1A37U7	25/1-8	1TB1	1/4-114
1A36U39	24-29	1A37U8	25/1-5	1TB1C1	1/4-117
1A36U40	24-34	1A37U9	25/1-10	1TB1C2-C5	1/4-118
1A36U41	24-36	1A37U10	25/1-9	1TB1C6	1/4-120
1A36U42-U44	24-6	1A37U11	25/1-8	1TB1C7-C10	1/4-121
1A36U45	24-14	1A37U12	25/1-12	1W1	1/4-93
1A361T46E	24-30	1A37U13	25/1-15	1W3	3-
1A36U47	24-6	1A37U14	25/1-11	1W3P1	3-10
1A36U48	24-35	1A37U15	25/1-16	1W3P2	3-1
LA36U49	24-36	1A37U16, U17	25/1-7	1W3P3	3-7
1A36U50 - U52	24-5	1A37U18	25/1-5	1W3P4	3-21



REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER
(61864010-009)		U35	27/1-27	TP2-TP15	28/1-14
CR1	27/2-40	U36	27/1-5	TP17	28/1-17
C1, C2	27/2-30	U37	27/1-26	U1	28/1-10
C3	27/2-35	U38	27/1-22	U2	28/1-15
C4	27/2-41	U39	27/1-23	U3	28/1-1
C5	27/2-34	U40, U41	27/1-7	U4, U5	28/1-7
C6	27/2-45	U42, U43	27/1-4	U6, U7	28/1-10
C7-C13	27/2-42	U44	27/1-27	U8	28/1-15
Q1	27/2-37	U45	27/1-9	U9	28/1-10
R1	27/2-28	U46	27/1-14	U100, U11	28/1-7
R2,R3	27/2-31	U47	27/1-9	U12-U14	28/1-10
R4	27/2-32	U48	27/1-8	U15	28/1-9
R5	27/2-28	U49	27/1-7	U16	28/1-1
R6, R7	27/2-33	U50	27/1-1	U17	27/1-22
R8, R9	27/2-31	U51	27/1-14	U18	28/1-9
R10	27/2-32	U52	27/1-9	U19	28/1-8
R11, R12	27/2-33	U53	27/1-25	U20	28/1-7
R13	27/2-29	VR1	27/1-2	U21	28/1-8
R14	27/2-39	U22	28/1-25	U22	28/1-25
R15	27/2-36	CR	28/1-16	U23	28/1-10
R16	27/2-39	C1, C2	28/2-35	U24	28/1-1
R17	27/2-47	C3	28/2-45	U25	28/1-6
R18	27/2-39	C4, C5	28/2-43	U26	28/1-5
R19	27/2-36	C6	28/2-39	U27, U28	28/1-26
R20, R21	27/2-31	C7	28/2-48	U29	28/1-10
S1-S7	27/2-43	C8	28/250	U30, U31	28/1-7
TP1 -TP16	27/1-12	C9	28/2-52	U32	28/1-29
TP17	27/1-16	C10	28/2-55	U33	28/2-27
U1	27/1-1	C11	28/2-54	U3	28/1-7
U2, U3	27/1-7	C13	28/2-39	U35	28/1-10
U4	27/1-6	C14	28/2-42	U36	28/1-4
U5, U6	27/1-5	C15-C20	28/2-39	U37	28/1-1
U7	27/1-6	L1	28/1-10	U38	28/1-10
U8	27/1-8	Q1	28/1-18	U39	28/1-30
U9	27/1-10	Q2	28/1-11	U40	28/1-28
U10	27/1-13	Q3	28/1-23	U41-U43	28/1-8
U11	27/1-1	Q4	28/1-11	U44	28/1-10
U12	27/1-17	R1, R2	28/2-34	U45	28/1-27
U13	27/1-18	R3	28/2-36	U46, U47	28/1-1
U14	27/1-9	R4	28/2-37	VR1	28/1-2
U15	27/1-6	R5, R6	28/2-34	Y1	28/1-21
U16	27/1-7	R7, RS	28/2-33	(61864070-009)	
U17	27/1-9	R9	28/2-46	CR1	29/2-59
U18	27/1-6	R10, R11	28/2-44	CU	29/1-37
U19, U20	27/1-19	R12	28/2-33	C2	29/1-7
U21	27/1-8	R13	28/2-47	C3, C4	29/2-3
U22	27/1-7	R14	28/2-49	C5	29/1-8
U23	27/1-9	R15	28/2-51	C6	29/1-10
U24	27/1-20	R16	28/2-53	C7	29/1-8
U25	27/1-15	R17	28/2-56	C8	29/2-38
U26	27/1-21	R18	29/1-11	C9	29/1-11
U27, U28	27/1-6	R19	28/2-38	CO10, C11	29/2-38
U30	27/1-7	R20	28/241	C12	29/1-13
U30	27/1-14	R21	28/240	C13, C14	29/2-38
U31	27/1-18	R22	28/2-34	C15	29/1-25
U32	27/1-9	R23	28/2-32	C16	29/1-8
U33	27/1-17	R24, R25	28/2-34	C17, C18	29/2-38
U34	271-15	S1-S9	28/2-57	C19	29/1-32

REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER
C20, C21	29/1-23	TP3, TP4	29/1-19	Q2-Q5	30/3-63
C22	29/2-38	TP8	29/1-21	Q6	30/3-67
C23-C25	29/1-12	TP11-TP16	29/1-19	Q7	30/3-63
C27-C29	29/1-12	TP17	29/1-21	Q8	30/3-67
C31	29/1-22	T1	29/1-1	Q9	30/3-66
C33	29/1-32	U1, U2	29/1-6	Q10-Q15	30/3-63
Q1	29/1-14	U3	29/1-36	Q16	30/3-67
Q2	29/1-16	U4	29/1-6	Q17	30/3-63
Q3	29/1-14	U5-U7	29/1-24	Q18	30/3-67
Q4	29/1-35	U8	29/1-28	Q19	30/3-66
Q5, Q6	29/1-34	U9	29/1-29	Q20, Q21	30/3-63
R1	29/1-4	U10	29/1-30	Q22	30/3-60
R2	29/2-40	VR1, VR2	29/1-9	R1	30/2-52
R3	29/2-39	(61864090-009)		R2	30/2-48
R4	29/1-S5	CR1-CR12	30/3-57	R3	30/2-35
R5, R6	29/2-41	C1	30/1-20	R4	30/2-52
R7	29/2-44	C2	30/1-1	R5	30/2-37
R8	29/1-5	C3	30/1-6	R6	30/2-31
R9	29/2-43	C4	30/1-14	R7	30/2-33
R10	29/2-44	C5	30/1-13	R8	30/2-36
R11	29/2-42	C6	30/1-12	R9	30/2-30
R12	29/1-18	C7	30/1-10	R10	30/2-29
R13	29/2-44	C8	30/1-6	R11, R12	30/2-25
R14	29/2-42	C9	30/1-11	R13	30/2-24
R15	29/2-41	C10	30/1-8	R14	30/2-34
R16	29/2-58	C11	30/1-4	R15	30/2-28
R17	29/2-56	C12	30/1-8	R16	30/2-27
R18, R19	29/2-48	C13	30/1-4	R17, R18	30/2-26
R20	29/2-54	C15	30/1-13	R19	30/2-52
R21	29/2-55	C16	30/1-9	R20-R23	30/2-24
R22	29/2-50	C17	30/1-7	R24	30/2-25
R23	29/2-45	C18	30/1-2	R25, R26	30/2-43
R24	29/2-47	C19	30/1-3	R27	30/2-24
R25	29/2-46	C23	30/1-1	R28	30/2-42
R26	29/2-43	C24	30/1-8	R29, R30	30/2-44
R27	29/2-49	C25	30/1-5	R31	30/2-25
R28, R29	29/2-42	C26	30/1-6	R32, R33	30/2-45
R30	29/2-48	C27-C34	30/1-1	R34	30/2-25
R31, R32	29/2-41	C35	30/1-15	R35	30/2-47
R33	29/2-49	C36	30/1-6	R36	30/2-37
R34	29/1-20	C37, C38	30/1-1	R37	30/2-46
R35	29/2-49	C39	30/1-6	R38	30/2-25
R36	29/2-53	C41, C42	30/1-6	R39	30/2-24
R37	29/2-49	C43, C44	30/1-1	R40	30/2-42
R38	29/2-52	C45	30/1-16	R41, R42	30/2-41
R39	29/2-51	C46	30/1-17	R43, R44	30/2-38
R40	29/2-52	C47	30/1-18	R45, R46	30/2-40
R41, R42	29/2-41	C48	30/1-15	R47	30/2-39
R43	29/2-44	C49	30/1-6	R,18	30/2-25
R44	29/1-26	C50, C51	30/1-1	R49, R50	30/2-43
R45	29/1-27	C52	30/1-6	R51	30/2-24
R46	29/2-53	C54, C55	30/1-6	R52	30/2-42
R47	29/1-31	C56, C57	30/1-1	R53, R54	30/2-44
R48	29/1-33	C58	30/1-16	R55	30/2-45
R49	29/2-57	C59	30/1-18	R56	30/2-25
R50	29/2-43	C60	30/1-17	R57	30/2-45
R51	29/2-44	L1	30/3-58	R58	30/2-58
R52	29/2-48	Q1	30/2-49	R59	30/2-47

REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER
R60	30/2-37	C3, C4	31/2-31	R43, R44	31/1-10
R61	30/2-46	C6	31/2-31	R45	31/1-3
R62	30/2-25	C7, C8	31/2-29	S1-S2	31/3-65
R63	30/2-24	C11	31/2-36	S4-S6	31/3-65
R64	30/2-42	C12	31/2-24	TP1-TP3	31/2-37
R65, R66	30/2-41	C13	31/2-35	TP5-TP8	31/2-37
R67, R68	30/2-38	C14	31/2-34	TP10-TP16	31/2-37
R69, R70	30/2-40	C15	31/2-33	TP17	31/2-41
R71	30/2-39	C16	31/2-31	U1	31/2-38
R72	30/2-24	C17	31/2-32	U2	31/2-40
R73	30/2-32	C18, C19	31/2-29	U3, U4	31/3-58
R74, R75	30/2-35	C20	31/2-27	U5	31/2-40
S1-S5	30/1-23	C21	31/2-28	U6	31/2-39
TP1 -TP16	30/1-19	C22	31/2-29	U7	31/3-57
TP17	30/1-21	C23	31/2-26	U8, U9	31/3-59
U1	30/3-69	C24	31/2-35	U10	31/2-42
U2	30/3-71	C25	31/2-25	U11, U12	31/3-60
U3	30/3-68	C26-C31	31/2-29	U13	31/3-62
U4	30/3-56	C34, C35	31/2-30	U14, U15	31/3-61
U5	30/3-70	Q1-Q4	31/3-52	U16	31/3-51
U6	30/3-72	Q5	31/3-55	U17, U18	31/3-60
U7	30/3-73	Q6	31/3-52	U19	31/2-39
U8	30/3-74	Q7	31/3-55	U20	31/3-59
U9	30/3-56	Q8	31/3-53	U21	31/3-62
U10	30/3-76	Q9, Q100	31/3-52	U22	3/3-64
U11	30/3-75	Q11	31/3-50	U23	31/3-63
U12	30/3-74	Q12	31/3-48	U24	31/2-43
U13	30/3-56	R1	31/1-20	U25, U26	31/3-60
U14	30/3-77	R2, R3	31/1-21	U27	31/2-40
U15	30/3-72	R4	31/1-3	U28	31/2-39
U16	30/3-78	R5, R6	31/1-16	U29	31/3-47
U17	30/3-79	R7	31/1-20	U30	31/3-46
U18	30/3-56	R8	31/1-4	U31	31/3-45
U19	30/3-80	R9	31/1-19	VR1	31/3-56
U20	30/3-62	R10	31/1-18	VR2, VR3	31/3-54
U21	30/3-56	R11	31/1-17	VR4	31/3-56
U22, U23	30/3-81	R12	31/1-4	(61864140-009)	
U24	30/3-74	R13	31/1-3	CR1, CR2	32/2-63
U25	30/3-59	R14, R15	31/1-15	C1	32/2-38
U26	30/3-56	R16, R17	31/1-14	C2, C3	32/2-41
U27, U28	30/3-68	R18	31/1-13	C4	32/2-37
U29	30/3-72	R19	31/1-12	C5	32/2-36
U30	30/3-68	R20, R21	31/1-11	C6	32/2-53
U31	30/2-54	R22	31/1-13	C7, C8	32/2-41
U32	30/3-56	R23, R24	31/1-3	C9, C10	32/2-38
U33	30/3-71	R25	31/1-1	C11	32/2-57
U34	30/3-76	R26	31/1-5	C12	32/2-58
U35	30/3-82	R27	31/1-9	C13	32/2-60
U36, U37	30/3-68	R28, R29	31/1-7	C14	32/2-49
VR1	30/3-65	R30, R31	31/1-5	C15	32/2-53
VR2, VR3	30/3-64	R32	31/1-3	C16	32/2-56
VR4, VR5	30/3-65	R33	31/1-2	C17	32/2-53
VR6, VR7	30/3-64	R34	31/1-3	C18, C19	32/2-41
VR8	30/3-65	R35, R36	31/1-4	C20	32/2-46
(61864130-009)		R37, R38	31/1-3	C21	32/2-59
CR1 -CR8	31/3-44	R39	31/1-8	C22	32/2-68
C1	31/2-31	R40, R41	31/1-6	C23	32/2-70
C2	31/2-29	R42	31/1-5	C24-C26	32/2-59

REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER
C27-C29	32/2-44	R50	32/1-30	Q19	33/3-61
C30	32/2-42	R51	32/1-12	Q20, Q21	33/3-59
C31 -C33	32/2-44	R52	32/1-34	Q22	33/2-28
C34	32/2-42	R53	32/1-12	R1	33/2-19
C35	32/2-41	R54	32/1-28	R2	33/2-49
C36	32/2-46	R55	32/1-27	R3	33/2-48
C37	32/2-52	R56	32/1-1	R4	33/2-19
L1	32/2-61	TP1	32/2-54	R5	33/2-35
Q1	32/2-39	TP4	32/2-55	R6	33/2-34
Q2	32/2-67	TP8, TP9	32/2-54	R7	33/2-33
Q3	32/2-39	TP12-TP16	32/2-54	R8, R9	33/2-31
Q4	32/2-51	TP17	32/2-55	R10	33/2-30
Q5	32/2-50	T1	32/2-47	R11	33/2-32
Q6	32/2-51	U1-U3	32/2-45	R12	33/2-23
Q7	32/2-50	U4, U5	32/2-62	R13	33/2-20
Q8, Q9	32/2-64	U6	32/2-65	R14	33/2-21
R1, R2	32/1-1	U7	32/2-66	R15	33/2-49
R3	32/1-4	U8	32/2-69	R16	33/2-24
R4	32/1-5	U9	32/2-65	R17	33/2-26
R5	32/1-3	VR1	32/2-43	R18	33/2-27
R6	32/1-9	(61864160-009)		R19	33/2-19
R7	32/1-10	CR1	33/3-55	R20-R23	33/2-38
R8	32/1-8	CR3-CR12	33/3-55	R24	33/2-45
R9	32/1-2	C1	33/1-15	R25, R26	33/2-41
R10	32/1-33	C2-C4	33/1-2	R27	33/2-38
R11, R12	32/1-35	C5	33/1-6	R28	33/2-40
R13	32/1-1	C6	33/1-5	R29, R30	33/2-42
R14, R15	32/1-7	C7	33/1-3	R31	33/2-45
R16, R17	32/1-33	C23	33/1-2	R32, R33	33/2-44
R18	32/1-22	C27-C34	33/1-2	R34	33/2-45
R19	32/1-32	C35	33/1-7	R35	33/2-47
R20	32/1-33	C36	33/1-10	R36	33/2-46
R21	32/1-12	C37, C38	33/1-2	R37	33/2-43
R22	32/1-29	C39	33/1-10	R38	33/2-45
R23	32/1-12	C41, C42	33/1-10	R39	33/2-38
R24, R25	32/1-7	C43, C44	33/1-2	R40	33/2-40
R26	32/1-27	C45	33/1-9	R41, R42	33/2-39
R27	32/1-25	C46	33/1-8	R43, R44	33/2-30
R28	32/1-26	C47	33/1-1	R45, R46	33/2-37
R29	32/1-24	C48	33/1-7	R47	33/2-36
R30	32/1-15	C49	33/1-10	R48	33/2-45
R31	32/1-19	C50, C51	33/1-2	R49, R50	33/2-41
R32	32/1-2	C52	33/1-10	R51	33/2-38
R33	32/1-15	C54, C55	33/1-10	R52	33/2-40
R34, R35	32/1-7	C56, C57	33/1-2	R53, R54	33/2-42
R36	32/1-21	C58	33/1-9	R55	33/2-44
R37	32/1-20	C59	33/1-1	R56	33/2-45
R38	32/1-22	C60	33/1-8	R57	33/2-44
R39	32/1-17	Q1	33/1-13	R58	33/2-45
R49	32/1-13	Q2-Q5	33/3-59	R59	33/2-47
R41	32/1-23	Q6	33/3-62	R60	33/2-46
R42, R43	32/1-16	Q7	33/3-59	R61	33/2-43
R44	32/1-23	Q8	33/3-62	R62	33/2-45
R45	32/1-13	Q9	33/3-61	R63	33/2-38
R46	32/1-15	Q10-Q15	33/3-59	R64	33/2-40
R47	32/1-14	Q16	33/3-62	R65, R66	33/2-34
R48	32/1-11	Q17	33/3-59	R67, R68	33/2-30
R49	32/1-31	Q18	33/3-62	R69, R70	33/2-37

REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER	REFERENCE DESIGNATION	FIGURE & INDEX NUMBER
R71	33/2-36	U9	33/3-52	U25, U26	33/3-54
R72	33/2-38	U10	33/3-69	U27, U28	33/2-50
R73	33/2-27	U11	33/3-70	U29	33/3-66
R74	33/2-49	U12	33/3-68	U30	33/2-50
S1-S5	33/1-17	U13	33/3-52	U32	33/3-52
S7-S12	33/1-17	U14	33/3-71	U33	33/3-65
TP1-TP16	33/1-12	U15	33/3-66	U34	33/3-69
TP17	33/1-16	U16	33/3-72	U35	33/3-75
U1	33/3-63	U17	33/3-74	U36, U37	33/2-50
U2	33/3-65	U18	33/3-52	VR1	33/3-57
U3	33/2-50	U19	33/3-73	VR2, VR3	33/3-58
U4	33/3-52	U20	33/3-53	VR4, VR5	33/3-57
U5	33/3-64	U21	33/3-52	VR6, VR7	33/3-58
U6	33/3-66	U22, U23	33/2-51	VR8	33/3-57
U7	33/3-67	U24	33/3-68	VR9	33/3-56
U8	33/3-68				

Change 2 4-10

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