

T.O. 31R1-2GRA98-4

**TECHNICAL MANUAL**  
**ILLUSTRATED PARTS BREAKDOWN**

**COMMUNICATION CONTROL GROUP**  
**AN/GRA-98**

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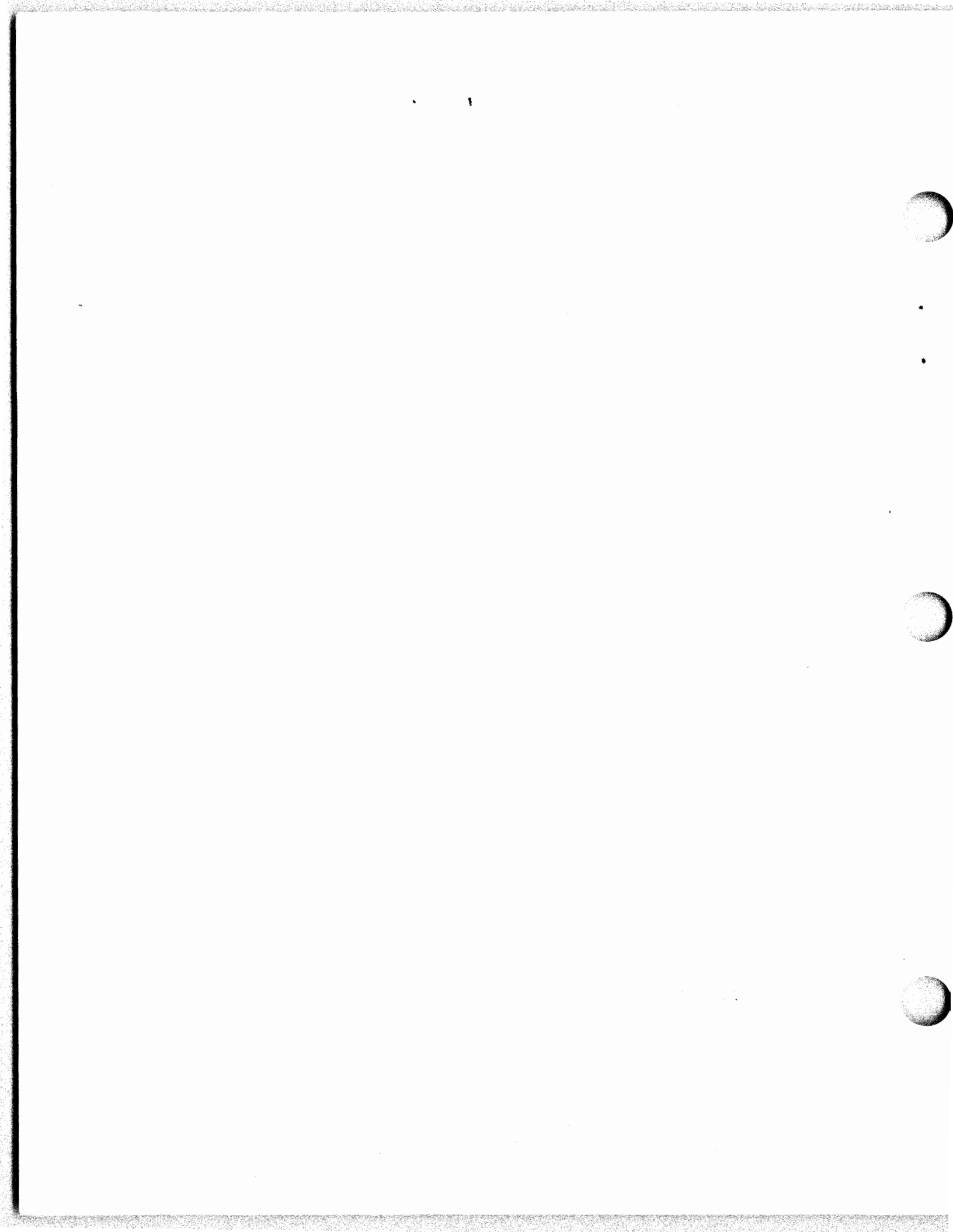
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## SECTION I INTRODUCTION

### 1-1. GENERAL.

1-2. This illustrated parts breakdown (IPB) lists and illustrates the replaceable components, assemblies, and detail parts in the Communication Control Group AN/GRA-98, manufactured by Sylvania Electronic Systems, Mountain View, California, and the Expanded Terminal Capability, manufactured by ITT Federal Laboratories, Nutley, N.J. This illustrated parts breakdown is intended for use in requisitioning, storing, and identifying parts. Maintenance procedures for these items are covered in the following technical manuals:

T.O. 31R1-2GRA-102, Bearing Return and BRO Interface Unit

T.O. 31R1-2GRA98-2 Service Manual

T.O. 31R2-2FRR68-6WC-1 PM Workcards

T.O. 31R2-2FRR68-2 Service Manual

T.O. 31R2-2FRR68-3 Circuit Diagrams

T.O. 31R2-2FRR68-4 Illustrated Parts Breakdown

T.O. 31S6-2FLR9-2-1 & -2, Service, Printed-Circuit Card

T.O. 31S6-2FLR9-2-4, Supplement, Service, Printed-Circuit Card

T.O. 31S6-2FLR9-82, Power Supply PP-3931/FLR-9(V)

T.O. 31S6-2FLR9-182, Power Supply PP-3931A/FLR-9(V)

1-3. This manual is divided into four sections:

- Section I - Introduction
- Section II - Numerical Index
- Section III - Reference Designation Index
- Section IV - Group Assembly Parts List

### 1-4. NUMERICAL INDEX.

1-5. The Numerical Index, Section II, is an index of all part numbers in the Group Assembly Parts List, Section IV.

1-6. MFR PART NUMBER COLUMN.

1-7. This column contains each part number listed in the group assembly parts list, arranged in alphabetical and numerical order. A part which does not have a part number is likewise listed in alphanumeric order by its identifying name, with modifiers as

required to identify the part, and the noun name treated as a part number. Part number arrangement in this column is from left to right, one letter or number at a time, until the order of numerical listing is determined. The part numbers are arranged by the extreme left hand character in the following order of precedence:

- a. Letters A through Z
- b. Numerals 0 through 9

The second and succeeding characters from left to right determine the subsequent order of precedence of a part number, as follows:

- a. Space (blank column)
- b. Diagonal (Slant)
- c. Point (period)
- d. Dash (-)
- e. Letters A through Z
- f. Numerals 0 through 9 (alphabetical O's are considered zeros), except where an identifying noun is used as the part number.

1-8. FIG. AND INDEX NO. COLUMN.

1-9. The data in this column identifies and locates the parts in the Group Assembly Parts List, Section IV. The number preceding the dash is the figure number and the number following the dash is the index number. Where no index number is listed, the part number appears in the figure shown but is not indexed. Each occurrence of a part number in section IV is indicated in this column; for government standard and contractor standard parts, the figure and index number of only the first occurrence in Section IV is listed.

1-10. SOURCE CODE DEFINITIONS.

1-11. CODE "P" - PARTS UNDER INVENTORY STOCK CONTROL.

a. Code "P" identifies parts which may be requisitioned and installed by any level of maintenance consistent with the Command's authorized scope of maintenance. Code "P" is applied to parts on which usage is anticipated or known. Restricted (emergency) service manufacture of code "P" items is considered practical but may be accomplished only after confirmation of non-availability from supply sources.

b. Code "P1" identifies parts which may be requisitioned and installed by any maintenance level consistent with the Command's authorized scope of maintenance. Code "P1" is applied to parts on which usage is anticipated or known, and which service manufacture is considered impractical.

c. Code "P2" identifies insurance-type spare parts which can be installed by any AF activity consistent with the Command's authorized scope of maintenance. This code is applied to such parts which are basically structural items of very limited nature; require special tools, templates, and/or jigs and are very difficult, impractical, or uneconomical to manufacture by AF activities. These items are not subject to periodic replacement or wearout but may require infrequent replacement as a result of accidents or other unexpected occurrences. Delayed procurement items, as defined in AFLCM 400-1, are included under this code.

**1-12. CODE "M" - MANUFACTURE, PARTS NOT PROCURED.**

a. Code "M" identifies parts, the manufacture and installation of which is within the capabilities of field maintenance activities; and to which all of the following conditions apply:

- (1) Procurement is not justified because of low usage or peculiar storage and installation factors. Needs are to be met by local manufacture only as required.
- (2) Their manufacture does not require tools, equipment, or skills not normally authorized at field maintenance level.
- (3) Does not require test equipment not normally authorized at field maintenance level.
- (4) Does not require material not normally available in Air Force inventory.

b. Code "M1" identifies parts which can be manufactured at activities authorized depot-level maintenance facilities and to which all of the following conditions apply:

- (1) Procurement is not justified because of low usage or peculiar storage and installation factors. The need of base activities are to be met by requisitioning from the geographical AMA, LSM AMA, or AMA/AFD.
- (2) Their manufacture is beyond capabilities of field maintenance activities as outlined above.
- (3) Their manufacture does not require tools or equipment not normally authorized at all AMA's.

**1-13. CODE "A" - ASSEMBLE, ASSEMBLY NOT PROCURED.** Code "A" identifies items capable of being assembled at any level of maintenance and is applied to assemblies of two or more parts, the majority of which are purchased and/or service manufactured.

**1-14. CODE "X" - PARTS CONSIDERED IMPRACTICAL FOR SERVICE MANUFACTURE OR PROCUREMENT AND FOR WHICH NO USAGE IS ANTICIPATED.**

a. Code "X" is applied to main structural members or similar parts, which, if required, would suggest extensive repair. The need for a part or parts coded "X" (wing spars, center section structure, etc.) should normally result in a recommendation to retire the article from service.

b. Code "X1" identifies parts application at any level of maintenance consistent with the Command's authorized scope of maintenance and for which it is more feasible to obtain the higher assembly; for example, an integral detail part such as a welded segment inseparable from its assembly; a part machined in a matched set; or a part of any assembly which, if required, would suggest extensive reconditioning of such assembly. In some cases, code "X1" may be used to indicate an integral detail part of an assembly which has no anticipated usage and as an assembly was source-coded "M" or "M1".

c. Code "X2" identifies parts applicable to any level of maintenance consistent with the Command's authorized scope of maintenance, for which there is no anticipated usage, and which are impractical for service manufacture. This type of item will not be stocked. Such parts shall be obtained from reclamation or, if not available from this source, requisitioned through normal supply channels together with supporting justification for one-time procurement and immediate use. Repeated requests shall justify a change to a code "P1" or "P2", as applicable, if considered economical to procure and store such parts.

**1-15. CODE "U" - PARTS NOT PROCURED, MANUFACTURED, OR STOCKED.** Code "U" is applied to installation drawings, diagrams, instruction sheets, field service drawing numbers and parts not otherwise of supply significance, including obsolete parts, which cannot be procured or service manufactured.

**1-16. MAINTENANCE REPAIR LEVEL CODE DEFINITIONS.**

**1-17. CODE "S" - NO REPAIR.** Code "S" identifies items which are non-repairable and have no reclamation value. When these items fail they will be disposed of at user level as condemned material.

**1-18. CODE "B" - NO REPAIR; RECONDITION.** Code "B" identifies assemblies or parts that will be reconditioned at the user level by adjusting, cleaning, soldering broken connections, etc. If these items cannot be returned to serviceable condition by such means they will be disposed of at user level as condemned material. No repair parts or tools are specially procured for maintenance of these items.

**1-19. CODE "F" - FIELD LEVEL MAINTENANCE.** Code "F" identifies items which will be repaired by the field level maintenance activities. Normal servicing will be done by

organizational level maintenance. Selected parts, tools, and technical order data are procured and provided to applicable field level maintenance activities for repair of these items. No specialized repair activity (SRA) is established for these items. If they cannot be returned to serviceable condition by the field level maintenance activity with the parts and tools provided they will be disposed of as condemned material. If repair of "F" coded items cannot be accomplished due to unavailability of authorized parts, tools, or other capability, the applicable SSM/IM will be so advised with request for disposition instructions. "F" coded critical items, regardless of condition will be returned to supply for disposition instructions from the applicable SSM/IM.

1-20. CODE "D" - LIMITED FIELD REPAIR; DEPOT OVERHAUL. Code "D" identifies items which a limited degree of repair can be accomplished by field level maintenance activities. Normal servicing will be done at organization level. SRA is established for overhaul of these items. A range of repair parts, tools, and technical order data consistent with the capability or repair are procured and provided to applicable field maintenance activities. Because of the design characteristics and complexity of repair, the degree of repair which is authorized on these items at field maintenance level is necessarily determined by the degree of technical skills required and the cost of special tools, special test equipment, spare parts, and the predicted frequency of failure generation. If these items cannot be returned to serviceable condition with authorized parts and tools they will be returned to supply for shipment to the designated SRA.

1-21. CODE "DM" - LIMITED FIELD REPAIR; MOBILE DEPOT OVERHAUL. Code "DM" identifies items to which all conditions of code "D" apply except that repair beyond field capability will be done by the Mobile Depot Activity (MDA). If the MDA cannot repair these items, they will determine whether these items should be condemned or sent to SRA.

1-22. CODE "L" - DEPOT LEVEL MAINTENANCE. Code "L" identifies items that will be repaired only at designated SRA. Repair parts and tools for repair are procured and provided only to these authorized activities. Required functional checkout and bench check equipment may be provided to applicable organizational and field level maintenance activities for accomplishing external adjustment or calibration and for verifying serviceability of these items. If they are found unserviceable they will be turned in to supply for shipment to the SRA.

1-23. CODE "LM" - DEPOT LEVEL MAINTENANCE ONLY; MOBILE DEPOT ACTIVITY. Code "LM" identifies items to which conditions of Code "L" apply except that repair will be accomplished by MDA. If MDA cannot repair these items, disposition instructions will be requested from the IM.

1-24. EXPENDABILITY - RECOVERABILITY - REPAIRABILITY - COST CODE DEFINITIONS.

1-25. The definitions of expendability-recoverability-repairability-cost (ERRC) codes are given in table 1-1.

1-26. REFERENCE DESIGNATION INDEX.

1-27. The Reference Designation Index, Section III, provides all the reference designation assigned to parts and assemblies in the equipment.

1-28. REFERENCE DESIGNATION COLUMN. This column lists the electrical designations in alphanumeric order.

1-29. FIG. AND INDEX NO. COLUMN. The data in this column identifies and locates the parts in the Group Assembly Parts List, Section IV. The number preceding the dash is the figure number and the number following the dash is the index number.

1-30. MFR PART NUMBER COLUMN. This column lists the appropriate part number that appears in the group assembly parts list.

1-31. GROUP ASSEMBLY PARTS LIST.

1-32. The Group Assembly Parts List, Section IV, provides illustrations of the equipment with accompanying parts lists. Index numbers on the parts lists correspond to those on the illustrations. A part can be identified if its part number, description, or physical configuration is known.

1-33. FIG. AND INDEX NO. COLUMN. This column lists the assigned figure and index number of each part or assembly in the list and its associated illustration.

1-34. MFR PART NUMBER COLUMN. This column lists the contractor's part numbers, except that a government standard or vendor's part number is listed when applicable. (Refer to paragraph 1-45 for explanation of contractor's part numbers.) If the item has not been assigned a part number, the words "NO NUMBER" appear in this column. If the item has not been assigned a part number but is procurable through normal commercial sources, the word "COML" appears in this column. An asterisk (\*) following the part number indicates that the item is a matched part. The symbol (≡) following the part number indicates that the item is an alternate for the listed part which immediately precedes it.

1-35. DESCRIPTION COLUMN. This column provides the name and identifying description for the listed assemblies or parts. The phase "/Per 07397 DWG SPEC/" following the nomenclature of a part

Table 1-1. Expendability-Recoverability-Repairability-Cost (ERRC) Codes

| ERRC Designator | ERRC Code | Expendable* | Repairable | Condemnation Level** | Category (Management)             |
|-----------------|-----------|-------------|------------|----------------------|-----------------------------------|
| XD1             | C         | Yes         | Yes        | Depot                | Hi-Valu                           |
| XD2             | T         | Yes         | Yes        | Depot                | XD items not selected for Hi-Valu |
| XF2             | X         | Yes         | Yes        | Field                | Unit price \$100 or more          |
| XF3             | P         | Yes         | Yes        | Field                | Unit price less than \$100        |
| XB2             | V         | Yes         | No         | User                 | See para 4c, Part II              |
| XB3             | N         | Yes         | No         | User                 | Nonrecoverable (field or depot)   |
| ND2             | S         | No          | Yes        | Depot                | AF equipment management system    |
| NF2             | U         | No          | Yes        | Field                | AF equipment management system    |

indicates Sylvania Electronic Products Inc. drawing number which identifies the part. The indentation arrangement of this column under the number "1" through "9" is used to show the relationship of a part or assembly to another part or assembly. Attaching parts are listed immediately following the assembly or part they attached. Attaching parts are preceded by the words "ATTACHING PARTS". The symbol (---\*---) is used to denote the end of the attaching parts and the continuation of the listing. The Code letter L following the nomenclature indicates that the parts breakdown of the listed item is contained in T.O. 31S6-2FLR9-2-1, -2-2 or -2-4 Technical Manual, Service, Printed Circuit Card Repair.

1-36. MFR CODE COLUMN. This column lists the manufacturer's code number as assigned in Cataloging Handbook H4-1, Federal Supply Code for Manufacturers (Refer to paragraph 1-39 for a listing of vendor's names and addresses.) This column is blank when the listed part is a government standard part, a standard commercial part, or a part manufactured by Sylvania Electronic Systems.

1-37. UNITS PER ASSY COLUMN. This column lists the quantity of the listed part or assembly used at the given location. The abbreviation "REF" in this column indicates that the assembly or subassembly has been listed previously in the Group Assembly Parts List.

1-38. USABLE ON-CODE COLUMN. This column indicates the usability of parts within specific assemblies or subassemblies; such assemblies are always first-line listings. Where the USABLE ON-CODE column is blank, the part is applicable to all articles covered by this breakdown.

1-39. MANUFACTURER'S CODES. The manufacturer's codes used in this manual are listed below:

| CODE  | MANUFACTURER'S NAME AND ADDRESS   |
|-------|---|
| 00629 | Eby Sales Co. of New York<br>148-05 Archer Ave.<br>Jamaica, N. Y. 11458     |
| 00779 | AMP Inc<br>P.O. Box 3608<br>Harrisburg, Pa. 17105                           |
| 01526 | General Electric Co<br>Specialty Control Dept<br>Waynesboro, Va. 22980      |
| 02005 | Haydon Switch &<br>Instrument, Inc.<br>1500 Meriden Rd.<br>Waterbury, Conn. |
| 02660 | Amphenol Corp<br>2801 S. 25th Ave.<br>Broadview, Ill. 60153                 |
| 03045 | Filter Div.<br>Nytronics Inc.<br>3rd. Ave.<br>Alpha, N. J. 08866            |
| 03296 | Nylon Molding Corp<br>Springfield, N.J. 07081                               |
| 03497 | General Electric Co<br>Switchgear Dept<br>Philadelphia, Pa. 19042           |

| CODE  | MANUFACTURER'S NAME<br>AND ADDRESS  | CODE  | MANUFACTURER'S NAME<br>AND ADDRESS   |
|-------|---|-------|--|
| 03522 | McLean Engineering Laboratories<br>70 Washington Rd.<br>Princeton Junction, N. J. 08550       | 71468 | ITT Cannon Electric<br>Los Angeles, Calif. 90031                                       |
| 03743 | Appleton Electric Co<br>1713 W. Wellington Ave.<br>Chicago, Ill. 60657                        | 72619 | Dialight Corp.<br>Brooklyn, N. Y. 11237  |
| 04732 | Filtron Co Inc<br>Western Division<br>10023 Jefferson<br>Culver City, Calif. 90230            | 73168 | Fenwal Inc<br>400 Main St.<br>Ashland, Mass. 01721                                     |
| 05574 | Viking Industries Inc.<br>21001 Nordhoff<br>Chatsworth, Calif. 91311                          | 73949 | Guardian Electric Mfg Co<br>Chicago, Ill. 60607  |
| 05704 | Alac Inc<br>Glendale, Calif. 91203  | 74193 | Heinemann Electric Co<br>2612 Brunswick Pike<br>Trenton, N.J. 08638                    |
| 06383 | Panduit Corp<br>17301 Ridgeland<br>Tinley Park, Ill. 60477                                    | 74545 | Harvey Hubbel Inc<br>Bridgeport, Conn. 06602   |
| 06666 | General Devices Co. Inc.<br>Indianapolis, Ind. 46219  | 75382 | Kulka Electric Corp<br>Mt. Vernon, N.Y. 10550  |
| 07065 | Line Electric Co.<br>US Hwy 287<br>Parsippany, N.J.   | 77820 | Bendix Corp.<br>The Electronics Components Div.<br>Sherman Ave.<br>Sidney, N. Y. 13838 |
| 11139 | Deutsch Co Electronic<br>Components Division<br>Banning, Calif. 92220                         | 78229 | Steel City Division<br>Midland-Ross Corp.<br>Pittsburgh, Pa. 15233                     |
| 11897 | Plastiglide Mfg. Corp.<br>1757-59 Stanford<br>Santa Monica, Calif. 90404                      | 78799 | Triangle Conduit & Cable Co. Inc.<br>6900 Jersey Ave.<br>New Brunswick, N. J. 08902    |
| 14288 | Advance Screw Products Inc<br>5158 W. Homer Ave.<br>Chicago, Ill. 60639                       | 79725 | The Wiremold Co<br>Wiremold Place<br>Hartford, Conn. 06110                             |
| 59730 | Thomas and Betts Co<br>Butler St.<br>Elizabeth, N. J. 07207                                   | 80252 | Faraday Inc. Div.<br>of Gray Mfg. Co.<br>Tecumseh, Mich.                               |
| 70309 | Allied Control Co Inc<br>2 East End Ave.<br>New York, N. Y. 10021                             | 82415 | Price Electric Corp.<br>Frederick, Md. 21701   |
| 71279 | Cambridge Thermionic Corp<br>430 Concord Ave.<br>Cambridge, Mass. 02138                       | 82872 | Roanwell Corp.<br>180 Varick St.<br>New York, N. Y. 10014                              |
| 71286 | Camloc Fastener Corp<br>22 Spring Valley Rd.<br>Paramus, N.J. 07652                           | 82877 | Rotron Mfg. Co. Inc.<br>7-9 Hasbrouck Lane<br>Woodstock, N. Y. 12498                   |
| 71400 | Bussman Mfg Division of<br>McGraw-Edison Co<br>2538 W. University St.<br>St. Louis, Mo. 63107 | 83508 | Grant Pulley and Hardware Co.<br>High St.<br>West Nyack, N. Y. 10994                   |
|       |   | 87034 | Marco-Oak Industries Co.<br>207 S. Helena<br>Anaheim, Calif. 92805                     |
|       |   | 88223 | Jaymar Terminal Boards, Inc.<br>25-27 Brutus St.<br>Weedsport, N. Y. 13166             |

| CODE  | MANUFACTURER'S NAME<br>AND ADDRESS   |
|-------|--|
| 88245 | Litton Industries<br>USECO Division<br>13536 Saticoy St.<br>Van Nuys, Calif. 91402   |
| 88769 | Wiltek Inc.<br>Wilton, Conn. 06897   |
| 91929 | Honeywell Inc.<br>Micro Switch Div.<br>Freeport, Ill. 61032                          |
| 95238 | Continental Connector Corp.<br>34-63 56th. St.<br>Woodside, N. Y.                    |
| 95987 | Weckesser Co.<br>4444 W. Irving Park Rd.<br>Chicago, Ill. 60641                      |
| 96182 | Master Specialties<br>1640 Monrovia<br>Costa Mesa, Calif. 92627                      |
| 96195 | Unistrut Corp.<br>4118 S. Wayne St.<br>Wayne, Mich. 48184                            |
| 97564 | Clare-Pendar, Inc.<br>P. O. Box 785<br>Post Falls, Idaho 83854                       |
| 97924 | General Electric Co.<br>Instrument Dept.<br>40 Federal St.<br>West Lynn, Mass. 01905 |
| 98291 | Sealectro Corp<br>225 Hoyt St.<br>Mamaroneck, N. Y. 10544                            |

Symbol or  
Abbreviation

Explanation

|      |                             |
|------|-----------------------------|
| GAPL | Group Assembly Parts List   |
| MDA  | Mobile Depot Activity       |
| SRA  | Specialized Repair Activity |

1-42. CONTRACTOR'S PART NUMBERS.

1-43. In general, contractor's parts are identified by a simple numerical system in which each part is assigned a drawing number.

a. A two-digit numerical prefix identifies the type of product covered by the Sylvania drawing number, as follows:

| <u>Prefix</u> | <u>Explanation</u>   |
|---------------|--|
| 00 thru 09    | Sylvania manufactured equipment, packaging and packing supplies. |
| 11 thru 59    | Electronic Products  |
| 70 thru 79    | Mechanical products and devices.                                 |
| 80 thru 89    | General parts and products.                                      |
| 90 thru 99    | Raw modification.  |

b. The drawing number proper (after the two-digit prefix) identifies the plant location within Sylvania Electronic Systems, which is responsible for a particular drawing as follows:

Drawing Number

Location

|                    |  |
|--------------------|--|
| 100 thru 29999     | Sylvania Electronic Systems - Central, Buffalo, New York |
| 30000 thru 39999   | Sylvania Electronic Systems - East, Waltham, Mass.       |
| 90000 thru 90999   | Sylvania Electronic Systems - Central, Buffalo, New York |
| 100000 thru 149999 | Sylvania Electronic Systems - Central, Buffalo, New York |
| 180000 thru 190999 | Sylvania Electronic Systems - East, Waltham, Mass.       |

1-40. EXPLANATION OF NONSTANDARD SYMBOLS AND ABBREVIATIONS.

1-41. The nonstandard symbols and abbreviations used in this Illustrated Parts Breakdown are listed below.

| <u>Symbol or<br/>Abbreviation</u> | <u>Explanation</u>     |
|-----------------------------------|------------------------|
| ≡                                 | Alternate part         |
| *                                 | Matched set            |
| ---*---                           | End of attaching parts |

| <u>Drawing Number</u> | <u>Location</u>   |
|-----------------------|---|
| 198000 thru 200000    | Sylvania Electronic Systems - East, Waltham, Mass.        |
| 300000 thru 314999    | Sylvania Electronic Systems - East, Waltham, Mass.        |
| 317000 thru 350999    | Sylvania Electronic Systems - East, Waltham, Mass.        |
| 354000 thru 399999    | Sylvania Electronic Systems - West, Mountain View, Calif. |
| 450000 thru 499999    | Sylvania Electronic Systems - East, Waltham, Mass.        |

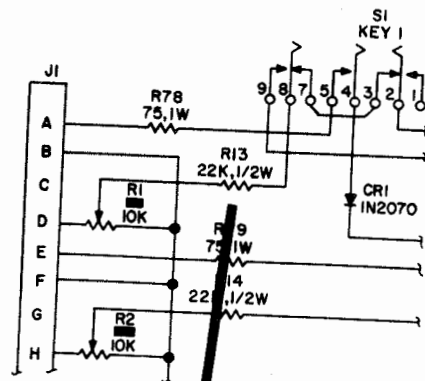
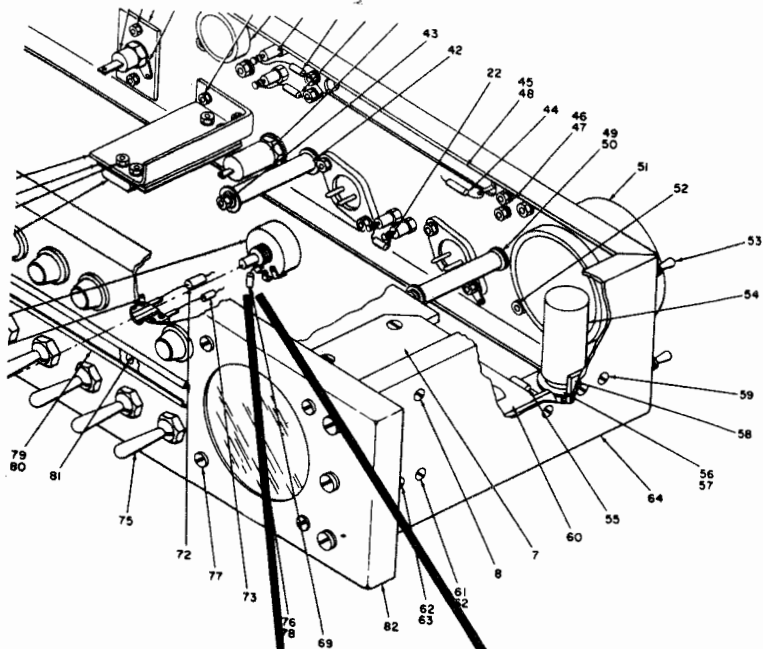
| <u>Drawing Number</u> | <u>Location</u>   |
|-----------------------|---|
| 700000 thru 849999    | Sylvania Electronic Systems - West, Mountain View, Calif. |
| 900000 thru 999999    | Sylvania Electronic Products - Central, Buffalo, New York |

**1-44. HOW TO USE THE ILLUSTRATED PARTS BREAKDOWN.**

**1-45.** When the Part Number or Reference Designation is known and it is desired to find its illustration or description (See illustration page 1-8).

**1-46.** When the Part Number or Reference Designation is not known and it is desired to find the Part Number or description, use the Alphabetical Index and Illustration (See illustration page 1-9/10).





T. O. 31W2-2FSC-42

**SECTION I  
NUMERICAL INDEX**

| FIG. AND INDEX NO. | QTY PER ART. | SMR CODE |
|--------------------|--------------|----------|
| 7-7-10             | 6            | PINS     |
| 7-7-17             | 6            | PINS     |
| 7-7-4              | 6            | PINS     |
| 7-7-8              | 7            | PINS     |
| 7-5-22             | 28           | X2       |
| 7-5-12             | 3            | X2       |
| 7-9-1              | 21           |          |
| 7-3-15             |              |          |
| 7-8-12             |              |          |
| 7-9-5              |              |          |
| 7-10-20            | 12           | PINS     |
| 7-4-41             | 1            | X2       |
| 7-9-24             | 1            | X2       |
| 7-9-25             |              |          |
| 7-3-40             | 20           |          |
| 7-8-36             |              |          |
| 7-10-44            | 7            | PINS     |
| 7-5-37             | 2            | A        |
| 7-11-22            | 2            | PINS     |
| 7-11-19            | 23           |          |
| 7-2-3              |              |          |
| 7-10-41            |              |          |
| 7-3-10             |              |          |

| MFR ART NUMBER | FIG. AND INDEX NO. | QTY PER ART. | SMR CODE |
|----------------|--------------------|--------------|----------|
| MS35043-119    | 7-4-69             | 156          | PINS     |
| MS35043-56     | 7-11-8             | 2            | PINS     |
| MS35043-75     | 7-4-44             | 12           | PINS     |
| MS35043-81     | 7-7-6              | 6            | PINS     |
| MS35043-97     | 7-7-5              | 12           | PINS     |
| MS35044-74     | 7-4-72             | 132          |          |
| MS35223-12     | 7-4-26             | 72           |          |
| MS35223-13     | 7-4-57             | 28           |          |
| MS35223-14     | 7-6-4              | 54           |          |
| MS35223-15     | 7-4-32             | 132          |          |
| MS35223-18     | 7-4-32             | 8            | PINS     |
| MS35223-27     | 7-11-26            | 40           |          |
| MS35223-28     | 7-6-7              | 280          |          |
| MS35223-29     | 7-4-18             | 16           |          |
| MS35223-30     | 7-11-21            | 96           |          |
| MS35223-31     | 7-4-5              | 423          |          |
| MS35223-4      | 7-3-23             | 24           |          |
| MS35223-42     | 7-4-30             | 72           |          |
| MS35223-43     | 7-4-65             | 4            |          |
| MS35223-44     | 7-11-12            | 32           |          |
| MS35223-45     | 7-6-14             | 72           |          |
| MS35223-54     | 7-4-14             | 24           |          |
|                | 7-4-43             | 24           |          |
|                | 7-7-4              | 24           |          |

**SECTION III  
REFERENCE DESIGNATION INDEX**

| REFERENCE DESIGNATION | FIG. AND INDEX NO. | MFR ART NUMBER |
|-----------------------|--------------------|----------------|
| 11-1A-3K2             | 7-4-12             |                |
| S1                    | 7-4-76             |                |
| Q1                    | 7-5-10             | R210B3P1       |
| thru                  |                    | P3W            |
| Q5                    |                    | 2N217          |
| Q6                    | 7-5-28             |                |
| Q7                    | 7-4-17             | 2N647          |
| Q8                    | 7-4-17             | 2N301          |
| Q9                    | 7-5-35             | 2N301          |
| Q10                   | 7-5-10             | 2N335          |
| thru                  |                    | 2N217          |
| Q12                   | 7-5-28             |                |
| Q13                   | 7-4-17             | 2N647          |
| Q14                   | 7-4-17             | 2N301          |
| Q15                   | 7-4-71             | 2N301          |
| R1                    |                    | PQ13-116       |
| R2                    |                    |                |
| R13                   | 7-4-69             |                |
| R25                   | 7-4-69             |                |
| R26                   | 7-4-71             |                |
| R27                   | 7-5-10             |                |
|                       |                    | MS35043-119    |
|                       |                    | MS35043-119    |
|                       |                    | PQ13-116       |

How to use the Illustrated Parts Breakdown





How to assemble?



How to find the description?

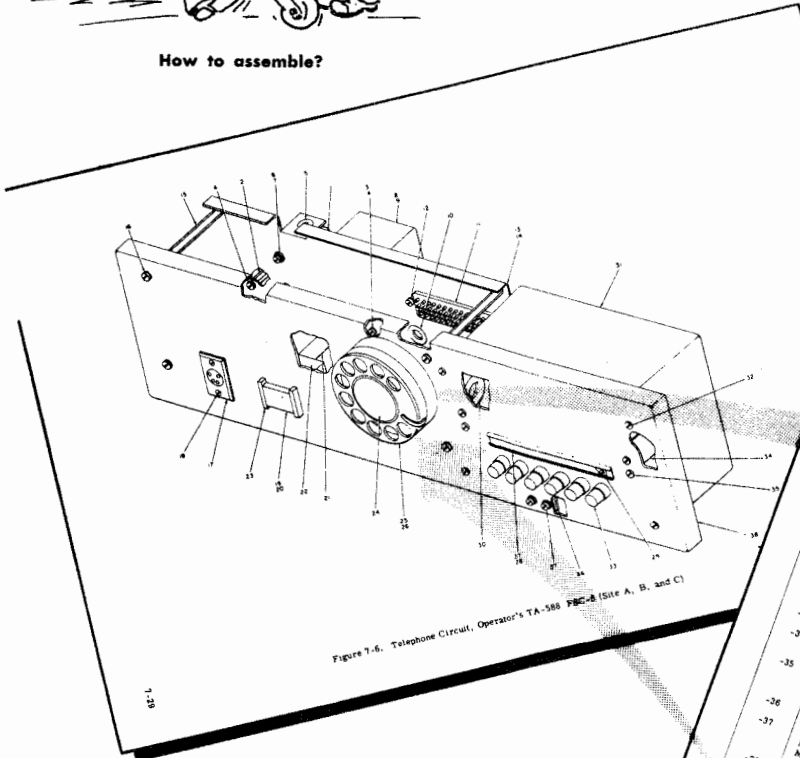
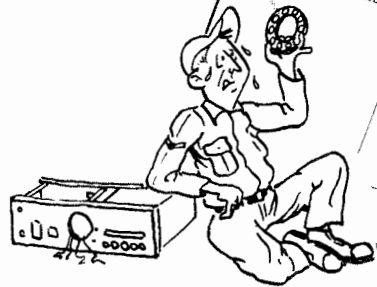


Figure 7-6. Telephone Circuit, Operator's TA-188 PBC-2 (Site A, B, and C)

Chapter 7, Section IV  
Group Assembly Parts List

T.O. 31W2-2PSC8-42

| FIG. AND INDEX NO. | MFR PART NO.                         | DESCRIPTION |   |   |   |   | MFR CODE | UNITS PER ASY | USE CC |
|--------------------|--------------------------------------|-------------|---|---|---|---|----------|---------------|--------|
|                    |                                      | 1           | 2 | 3 | 4 | 5 |          |               |        |
| 7-6-21             | 2D33                                 |             |   |   |   |   |          |               |        |
| -22                | 2C3                                  |             |   |   |   |   |          |               |        |
| -23                | 2B1                                  |             |   |   |   |   |          |               |        |
| -24                | P29100                               |             |   |   |   |   |          |               |        |
| -25                | 8F                                   |             |   |   |   |   | 9199     | 1             |        |
| -26                | MS3523-14<br>MS3538-40               |             |   |   |   |   | 9199     | 1             |        |
| -27                | 1078-402DR-3                         |             |   |   |   |   | 9192     | 1             |        |
| -28                | 8H4-3/8                              |             |   |   |   |   | 6495     | 2             |        |
| -29                | MS3523-10                            |             |   |   |   |   | 6495     | 1             |        |
| -30                | MS35490-14                           |             |   |   |   |   |          | 1             |        |
| -31                | 1078-441D1-1                         |             |   |   |   |   |          | 3             |        |
| -32                | MS24637-10                           |             |   |   |   |   |          | 3             |        |
| -33                | 1078-441D41-1                        |             |   |   |   |   |          | 1             |        |
| -34                | 1078-441D42-2<br>1078-441D42-1       |             |   |   |   |   |          | 1             |        |
| -35                | MS3523-37<br>MS27183-5<br>MS3538-41  |             |   |   |   |   |          | 2             |        |
| -36                | 1078-441D43-1                        |             |   |   |   |   |          | 1             |        |
| -37                | MS35223-27<br>MS27183-5<br>MS3538-41 |             |   |   |   |   |          | 1             |        |
| -38                | 1078-441D2-1                         |             |   |   |   |   |          | 1             |        |



How to find a part number?

How to use the Illustrated Parts Breakdown



1990-1991

## SECTION II NUMERICAL INDEX

| MFR<br>PART NUMBER | FIG. AND<br>INDEX NO. | QTY<br>PER<br>ART. | SMR<br>CODE | EQUIP.<br>SPARES<br>LEVEL |
|--------------------|-----------------------|--------------------|-------------|---------------------------|
| A-S8646            | 3 - 2                 | 1                  | P1          | XF                        |
| AN3064-20          | 17 - 11               | 2                  | P1          | NS                        |
| AN3066-20          | 17 -                  | 2                  | P1          | NS                        |
| AN3420-20          | 17 -                  | 1                  | P1          | NS                        |
| AN960B416          | 3 - 11                | 7                  | P1          | NS                        |
| B1616BCB01         | 5 -                   | 4                  | P1          | NS                        |
| B1616PCB01         | 11 -                  | 58                 | P1          | NS                        |
|                    | 16 -                  |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| B1616SCD01         | 16 -                  | 262                | P1          | NS                        |
|                    | 17 -                  |                    |             |                           |
| B2020PBA01         | 5 -                   | 536                | P1          | NS                        |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| B2020SBD01         | 11 -                  | 317                | P1          | NS                        |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| D-A10292           | 3 - 3                 | 1                  | P1          | XF                        |
| DP2                | 23 -                  | 1                  | P1          | NS                        |
| D140CC             | 18 -                  | 4                  | P1          | NS                        |
| D167CC             | 6 -                   | 15                 | P1          | NS                        |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| D4-167CC           | 10 -                  | 4                  | P1          | NS                        |
| D6-140CC           | 19 -                  | 8                  | P1          | NS                        |
| D6-167CC           | 5 -                   | 4                  | P1          | NS                        |
| F-AB251            | 3 - 6                 | 1                  | P1          | XF                        |
| F-AB734            | 3 - 4                 | 1                  | P1          | XF                        |
| F-AB946            | 3 - 17                | 1                  | P1          | XF                        |
| F-AB947            | 3 - 16                | 1                  | P1          | XF                        |
| FA7022             | 5 - 20                | 9                  | P1          | NS                        |
|                    | 6 - 13                |                    |             |                           |
|                    | 11 - 11               |                    |             |                           |
|                    | 20 - 33               |                    |             |                           |
|                    | 22 - 33               |                    |             |                           |
|                    | 23 - 27               |                    |             |                           |
| FHL17G1            | 15 - 3                | 2                  | P1          | NS                        |
| G51HB              | 20 - 42               | 30                 | P1          | NS                        |

| MFR<br>PART NUMBER | FIG. AND<br>INDEX NO. | QTY<br>PER<br>ART. | SMR<br>CODE | EQUIP.<br>SPARES<br>LEVEL |
|--------------------|-----------------------|--------------------|-------------|---------------------------|
| F                  | 22 - 47               |                    |             |                           |
| F                  | 23 - 38               |                    |             |                           |
| F G54554           | 18 - 44               | 9                  | P1          | NS                        |
| HC11BLH            | 20 - 4                | 3                  | P1          | NS                        |
|                    | 22 - 4                |                    |             |                           |
|                    | 23 - 4                |                    |             |                           |
| HC11BRH            | 20 - 5                | 3                  | P1          | NS                        |
|                    | 22 - 5                |                    |             |                           |
|                    | 23 - 5                |                    |             |                           |
| HKT                | 6 - 4                 | 2                  | P1          | NS                        |
| KPTM07E12-10PF120  | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
| KPTM07E14-19PF120  | 22 -                  |                    |             |                           |
| KPTM07E14-19SF120  | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| KPTM07E14-5SF120   | 17 -                  |                    |             |                           |
| KPTM07E18-11PF120  | 5 -                   |                    |             |                           |
|                    | 6 -                   |                    |             |                           |
|                    | 11 -                  |                    |             |                           |
|                    | 16 -                  |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| KPTM07E18-11PZF120 | 16 -                  |                    |             |                           |
| KPTM07E18-11SF120  | 16 -                  |                    |             |                           |
|                    | 17 -                  |                    |             |                           |
| KPTM07E18-11SWF120 | 17 -                  |                    |             |                           |
| KPTM07E18-11SXF120 | 17 -                  |                    |             |                           |
| KPTM07E18-11SYF120 | 17 -                  |                    |             |                           |
| KPTM07E18-11SZF120 | 17 -                  |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
| KPTM07E18-32PF120  | 22 -                  |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
| KPTM07E18-32PWF120 | 22 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
| KPTM07E18-32PXF120 | 22 -                  |                    |             |                           |
| KPTM07E18-32PYF120 | 22 -                  |                    |             |                           |
| KPTM07E18-32PZF120 | 22 -                  |                    |             |                           |
| KPTM07E18-32SF120  | 6 -                   |                    |             |                           |
|                    | 11 -                  |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| KPTM07E20-16SF120  | 17 -                  |                    |             |                           |

| MFR<br>PART NUMBER | FIG. AND<br>INDEX NO. | QTY<br>PER<br>ART. | SMR<br>CODE | EQUIP.<br>SPARES<br>LEVEL |
|--------------------|-----------------------|--------------------|-------------|---------------------------|
| KPTM07E22-55PF120  | 5 -                   |                    |             |                           |
|                    | 6 -                   |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| KPTM07E22-55PWF120 | 23 -                  |                    |             |                           |
| KPTM07E22-55PXF120 | 23 -                  |                    |             |                           |
| KPTM07E22-55PYF120 | 23 -                  |                    |             |                           |
| KPTM07E22-55SF120  | 6 -                   |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| KPTM07E22-55SWF120 | 23 -                  |                    |             |                           |
| LSC2               | 3 - 32                | 60                 | P1          | NS                        |
|                    | 9 - 33                |                    |             |                           |
|                    | 13 - 26               |                    |             |                           |
|                    | 14 - 25               |                    |             |                           |
|                    | 16 - 7                |                    |             |                           |
|                    | 19 - 31               |                    |             |                           |
| MCHJ3000           | 15 - 7                | 1                  | P1          | NS                        |
| MDL1               | 8 - 11                | 1                  | P1          | NS                        |
| MHJL012D12.0VDC    | 18 - 28               | 3                  | P1          | NS                        |
|                    | 22 - 30               |                    |             |                           |
| MHJL012D26.5VDC    | 18 - 29               | 2                  | P1          | NS                        |
| MIGB4              | 8 - 6                 | 1                  | X2          |                           |
| MS15795-802        | 15 -                  | 2                  |             |                           |
| MS15795 - 803      | 4 -                   | 382                |             |                           |
| MS15795-805        | 3 -                   | 516                |             |                           |
| MS15795-807        | 3 -                   | 352                |             |                           |
| MS15795-808        | 3 -                   | 362                |             |                           |
| MS15795-810        | 2 -                   | 147                |             |                           |
| MS15795-812        | 2 -                   | 36                 |             |                           |
| MS15795-814        | 18 -                  | 2                  |             |                           |
| MS15795-818        | 19 -                  | 3                  |             |                           |
| MS15795-910        | 2 -                   | 8                  |             |                           |
| MS16106-1          | 3-26                  | 5                  |             |                           |
| MS21044C04         | 22 -                  | 208                |             |                           |
| MS21044C06         | 19 -                  | 42                 |             |                           |
| MS21044C08         | 22 -                  | 24                 |             |                           |
| MS21318-20         | 20 -                  | 6                  |             |                           |
| MS21318-7          | 5 -                   | 8                  |             |                           |
| MS21318-8          | 3 -                   | 76                 |             |                           |
| MS21919DG12        | 13 - 12               | 3                  |             |                           |
| MS21919DG14        | 19 - 19               | 1                  |             |                           |
| MS24525-22         | 18 - 3                | 10                 |             |                           |
| MS25024-2          | 18 - 20               | 4                  |             |                           |
| MS25036-1          | 10 - 6                | 3                  |             |                           |
| MS25082-4          | 18 - 52               | 2                  |             |                           |
| MS25237-327        | 5 - 7                 | 42                 |             |                           |
| MS25251-16         | 5 -                   | 189                |             |                           |
| MS25251-16P        | 11 -                  | 6                  |             |                           |
| MS25251-20         | 5 -                   | 12                 |             |                           |
| MS25281-1          | 11 - 9                | 2                  |             |                           |
| MS25281-10         | 6 - 11                | 8                  |             |                           |
| MS25281-2          | 6 - 9                 | 3                  |             |                           |
| MS25281-3          | 10 - 8                | 1                  |             |                           |
| MS25281-4          | 11 - 10               | 1                  |             |                           |
| MS25281-5          | 19 - 28               | 5                  |             |                           |
| MS25281-6          | 6 - 10                | 4                  |             |                           |
| MS25281-7          | 18 - 60               | 4                  |             |                           |
| MS25281-8          | 19 - 27               | 5                  |             |                           |
| MS25281-9          | 5 - 19                | 1                  |             |                           |
| MS25311-120        | 6 - 19                | 2                  |             |                           |
| MS3057-20A         | 17 -                  | 2                  |             |                           |
| MS3192-16A         | 6 -                   | 11                 |             |                           |
| MS3192A20A         | 6 -                   | 55                 |             |                           |
| MS3193A20A         | 6 -                   | 87                 |             |                           |
| MS35058-22         | 18 - 5                | 5                  |             |                           |
| MS35059-22         | 18 - 4                | 3                  |             |                           |
| MS35059-23         | 19 - 24               | 4                  |             |                           |
| MS35307-306        | 2 -                   | 10                 |             |                           |
| MS35307-307        | 3 -                   | 136                |             |                           |
| MS35307-314        | 13 -                  | 2                  |             |                           |

| MFR<br>PART NUMBER | FIG. AND<br>INDEX NO. | QTY<br>PER<br>ART. | SMR<br>CODE | EQUIP.<br>SPARES<br>LEVEL |
|--------------------|-----------------------|--------------------|-------------|---------------------------|
| MS35307-344        | 2 - 3                 | 18                 |             |                           |
| MS35309-303        | 2 -                   | 8                  |             |                           |
| MS35335-57         | 6 -                   | 2                  |             |                           |
| MS35335-58         | 6 -                   | 2                  |             |                           |
| MS35338-101        | 2 -                   | 8                  |             |                           |
| MS35338-134        | 10 -                  | 4                  |             |                           |
| MS35338-135        | 7 -                   | 31                 |             |                           |
| MS35338-136        | 3 -                   | 265                |             |                           |
| MS35338-137        | 3 -                   | 216                |             |                           |
| MS35338-138        | 3 -                   | 159                |             |                           |
| MS35338-139        | 2 -                   | 150                |             |                           |
| MS35338-140        | 2 - 5                 | 18                 |             |                           |
| MS35489-104        | 19 - 26               | 4                  |             |                           |
| MS35644-64         | 5 - 15                | 14                 |             |                           |
| MS35649-204        | 8 -                   | 10                 |             |                           |
| MS35649-224        | 10 -                  | 4                  |             |                           |
| MS35649-244        | 7 -                   | 29                 |             |                           |
| MS35649-264        | 3 - 28                | 222                |             |                           |
| MS35649-284        | 5 -                   | 41                 |             |                           |
| MS35649-37         | 7 -                   | 1                  |             |                           |
| MS35650-304        | 3 -                   | 45                 |             |                           |
| MS51957-12         | 5 -                   | 8                  |             |                           |
| MS51957-13         | 11 -                  | 4                  |             |                           |
| MS51957-14         | 6 -                   | 24                 |             |                           |
| MS51957-16         | 18 -                  | 4                  |             |                           |
| MS51957-18         | 6 -                   | 287                |             |                           |
| MS51957-19         | 4 -                   | 38                 |             |                           |
| MS51957-26         | 17 -                  | 6                  |             |                           |
| MS51957-27         | 3 -                   | 10                 |             |                           |
| MS51957-28         | 6 -                   | 70                 |             |                           |
| MS51957-29         | 5 -                   | 111                |             |                           |
| MS51957-30         | 16 -                  | 22                 |             |                           |
| MS51957-31         | 4 -                   | 36                 |             |                           |
| MS51957-32         | 18 -                  | 20                 |             |                           |
| MS51957-33         | 3 - 27                | 8                  |             |                           |
| MS51957-4          | 10 -                  | 4                  |             |                           |
| MS51957-44         | 17 -                  | 4                  |             |                           |
| MS51957-45         | 14 -                  | 35                 |             |                           |
| MS51957-46         | 5 -                   | 36                 |             |                           |
| MS51957-47         | 16 -                  | 10                 |             |                           |
| MS51957-48         | 3 -                   | 238                |             |                           |
| MS51957-49         | 16 -                  | 24                 |             |                           |
| MS51957-62         | 11 -                  | 4                  |             |                           |
| MS51957-63         | 6 -                   | 8                  |             |                           |
| MS51957-64         | 17 -                  | 4                  |             |                           |
| MS51958-61         | 3 -                   | 35                 |             |                           |
| MS51958-63         | 3 -                   | 17                 |             |                           |
| MS51958-64         | 3 -                   | 225                |             |                           |
| MS51959-15         | 18 -                  | 11                 |             |                           |
| MS51959-17         | 18 -                  | 15                 |             |                           |
| MS51959-18         | 6 -                   | 4                  |             |                           |
| MS51959-28         | 6 -                   | 2                  |             |                           |
| MS51959-29         | 17 -                  | 10                 |             |                           |
| MS51959-30         | 5 -                   | 22                 |             |                           |
| MS51959-31         | 3 - 37                | 198                |             |                           |
| MS51959-35         | 13 -                  | 12                 |             |                           |
| MS51959-46         | 9 -                   | 134                |             |                           |
| MS51959-47         | 10 -                  | 2                  |             |                           |
| MS51959-48         | 16 -                  | 4                  |             |                           |
| MS51960-65         | 3 -                   | 4                  |             |                           |
| MS51960-66         | 3 -                   | 14                 |             |                           |
| MS51960-69         | 3 -                   | 24                 |             |                           |
| MS51971-2          | 2 - 6                 | 18                 |             |                           |
| MS51971-3          | 18 - 34               | 2                  |             |                           |
| MS90078-27         | 6 - 3                 | 2                  |             |                           |
| MS90078-7          | 15 - 2                | 2                  |             |                           |
| M1183              | 8 - 14                | 1                  | X1          |                           |
| M2612-7            | 8 - 4                 | 1                  | X2          |                           |
| NAS1021C04         | 4 -                   | 4                  |             |                           |
| NAS1021CC6         | 4 -                   | 4                  |             |                           |
| NAS1022C06         | 10 -                  | 11                 |             |                           |
| NAS1022C08         | 10 -                  | 6                  |             |                           |

| MFR<br>PART NUMBER   | FIG. AND<br>INDEX NO. | QTY<br>PER<br>ART. | SMR<br>CODE | EQUIP.<br>SPARES<br>LEVEL |
|----------------------|-----------------------|--------------------|-------------|---------------------------|
| NAS43DD1-48          | 18 - 61               | 4                  |             |                           |
| NAS43DD3-12          | 18 -                  | 6                  |             |                           |
| NAS620-4             | 6 -                   | 4                  |             |                           |
| NAS620C2             | 10 -                  | 2                  |             |                           |
| NAS679C04M           | 6 -                   | 22                 |             |                           |
| NAS679C06M           | 6 -                   | 13                 |             |                           |
| NAS679X04            | 11 -                  | 109                |             |                           |
| NAS679X06            | 11 -                  | 119                |             |                           |
| NAS679X08            | 16 -                  | 111                |             |                           |
| NAS679X3             | 18 -                  | 18                 |             |                           |
| NW10-4374            | 3 -                   | 194                |             |                           |
|                      | 9 -                   |                    |             |                           |
|                      | 13 -                  |                    |             |                           |
|                      | 14 -                  |                    |             |                           |
|                      | 19 -                  |                    |             |                           |
| PAM12SSKMG6-1.4-50DC | 18 - 12               | 2                  | P1 NS       |                           |
| PAM12SSKMG6-3-50DC   | 18 - 11               | 5                  | P1 NS       |                           |
| PT07SE12-10P         | 20 - 37               | 2                  | P1 NS       |                           |
|                      | 22 - 44               |                    |             |                           |
| PT07SE14-19P         | 22 - 45               | 1                  | P1 NS       |                           |
| PT07SE14-19S         | 22 - 37               | 2                  | P1 NS       |                           |
|                      | 23 - 29               |                    |             |                           |
| PT07SE14-5S          | 17 - 7                | 2                  | P1 NS       |                           |
| PT07SE18-11P         | 5 - 24                | 7                  | P1 NS       |                           |
|                      | 6 - 20                |                    |             |                           |
|                      | 11 - 15               |                    |             |                           |
|                      | 16 - 10               |                    |             |                           |
|                      | 20 - 34               |                    |             |                           |
|                      | 22 - 34               |                    |             |                           |
|                      | 23 - 28               |                    |             |                           |
| PT07SE18-11PZ        | 16 - 9                | 1                  | P1 NS       |                           |
| PT07SE18-11S         | 16 - 11               | 13                 | P1 NS       |                           |
|                      | 17 - 6                |                    |             |                           |
| PT07SE18-11SW        | 17 - 5                | 2                  | P1 NS       |                           |
| PT07SE18-11SX        | 17 - 3                | 2                  | P1 NS       |                           |
| PT07SE18-11SY        | 17 - 4                | 1                  | P1 NS       |                           |
| PT07SE18-11SZ        | 17 - 8                | 2                  | P1 NS       |                           |
| PT07SE18-32P         | 20 - 39               | 2                  | P1 NS       |                           |
|                      | 22 - 38               |                    |             |                           |
| PT07SE18-32PW        | 20 - 40               | 2                  | P1 NS       |                           |
|                      | 22 - 40               |                    |             |                           |
| PT07SE18-32PX        | 22 - 41               | 1                  | P1 NS       |                           |
| PT07SE18-32PY        | 22 - 42               | 1                  | P1 NS       |                           |
| PT07SE18-32PZ        | 22 - 43               | 1                  | P1 NS       |                           |
| PT07SE18-32S         | 6 - 22                | 5                  | P1 NS       |                           |
|                      | 11 - 16               |                    |             |                           |
|                      | 20 - 36               |                    |             |                           |
|                      | 22 - 36               |                    |             |                           |
|                      | 23 - 32               |                    |             |                           |
| PT07SE20-16S         | 17 - 2                | 2                  | P1 NS       |                           |
| PT07SE20-55P         | 5 - 25                | 5                  | P1 NS       |                           |
|                      | 6 - 19                |                    |             |                           |
|                      | 20 - 38               |                    |             |                           |
|                      | 22 - 39               |                    |             |                           |
|                      | 23 - 33               |                    |             |                           |
| PT07SE22-55PW        | 23 - 34               | 1                  | P1 NS       |                           |
| PT07SE22-55PX        | 23 - 35               | 1                  | P1 NS       |                           |
| PT07SE22-55PY        | 23 - 36               | 1                  | P1 NS       |                           |
| PT07SE22-55S         | 6 - 21                | 4                  | P1 NS       |                           |
|                      | 20 - 35               |                    |             |                           |
|                      | 22 - 35               |                    |             |                           |
|                      | 23 - 30               |                    |             |                           |
| PT07SE22-55SW        | 23 - 31               | 1                  | P1 NS       |                           |
| P4006-0832           | 3 -                   | 178                | P1 NS       |                           |
|                      | 9 -                   |                    |             |                           |
|                      | 13 -                  |                    |             |                           |
|                      | 14 -                  |                    |             |                           |
|                      | 19 -                  |                    |             |                           |
| P4006-1420           | 3 -                   | 138                | P1 NS       |                           |
|                      | 9 -                   |                    |             |                           |
|                      | 13 -                  |                    |             |                           |
|                      | 14 -                  |                    |             |                           |
|                      | 19 -                  |                    |             |                           |
| P6006-1420           | 14 -                  | 2                  | P1 NS       |                           |
| RC07GF102J           | 5 - 6A                | 5                  | P1 NS       |                           |
|                      | 5 - 9A                |                    |             |                           |
| RC20GF221J           | 11 - 12               | 1                  | P1 NS       |                           |
| RC20GF391J           | 18 - 54               | 1                  | P1 NS       |                           |
| RC32GF202J           | 18 -                  | 1                  | P1 NS       |                           |
| RV4NAYS0501A         | 5 - 21                | 1                  | P1 NS       |                           |
| RW58V2R0             | 18 -                  | 1                  | P1 NS       |                           |
| RY4NA3B3L01          | 10 - 12               | 2                  | P1 NS       |                           |
|                      | 15 - 5                |                    |             |                           |

| MFR<br>PART NUMBER | FIG. AND<br>INDEX NO. | QTY<br>PER<br>ART. | SMR<br>CODE | EQUIP.<br>SPARES<br>LEVEL |
|--------------------|-----------------------|--------------------|-------------|---------------------------|
| SBX092264-10       | 23 - 16               | 2                  | P1 NS       |                           |
| S1006-2            | 8 - 6                 | 1                  | P1 NS       |                           |
| S1058              | 8 - 7                 | 1                  | X2          |                           |
| S1059              | 8 - 8                 | 1                  | X2          |                           |
| S1106              | 8 - 10                | 1                  | P1 NS       |                           |
| S1111              | 8 - 12                | 1                  | P1 NS       |                           |
| S1122              | 8 - 5                 | 1                  | X2          |                           |
| S1179              | 8 - 9                 | 1                  | P1 NS       |                           |
| TS103P02           | 18 - 24               | 4                  | P1 NS       |                           |
| TS1405P01          | 18 - 27               | 3                  | P1 NS       |                           |
| VH22/1AN8          | 6 - 15                | 159                | P1 NS       |                           |
|                    | 20 - 32               |                    |             |                           |
|                    | 22 - 28               |                    |             |                           |
|                    | 23 - 26               |                    |             |                           |
| VM910M66           | 5 - 10                | 13                 | P1 NS       |                           |
|                    | 11 - 5                |                    |             |                           |
| VM910M66           | 5 - 11                | 8                  | P1 NS       |                           |
|                    | 11 - 6                |                    |             |                           |
| XB602-14           | 6 - 14                | 194                | P1 NS       |                           |
|                    | 20 - 31               |                    |             |                           |
|                    | 22 - 27               |                    |             |                           |
|                    | 23 - 25               |                    |             |                           |
| 0004-058-000       | 5 -                   |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| 0004-065-000       | 5 -                   |                    |             |                           |
|                    | 11 -                  |                    |             |                           |
|                    | 16 -                  |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| 0007-008-000       | 11 -                  |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| 0007-013-000       | 16 -                  |                    |             |                           |
|                    | 17 -                  |                    |             |                           |
| 01-801600-111      | 3 - 8                 | 1                  | M1          |                           |
| 01-801600-135      | 3 - 9                 | 1                  | M1          |                           |
| 01-801600-139      | 9 - 12                | 1                  | M1          |                           |
| 01-801600-28       | 9 - 9                 | 1                  | X2          |                           |
| 01-801600-30       | 3 - 10                | 1                  | M1          |                           |
| 01-801600-35       | 3 - 15                | 2                  | X2          |                           |
|                    | 9 - 13                |                    |             |                           |
| 01-801600-61       | 13 - 9                | 3                  | X2          |                           |
|                    | 14 - 10               |                    |             |                           |
|                    | 19 - 12               |                    |             |                           |
| 01-801600-66       | 3 - 13                | 2                  | M1          |                           |
|                    | 9 - 8                 |                    |             |                           |
| 0156A3471G1X2TF    | 18 - 9                | 1                  | P1 NB       |                           |
| 0165A9863G1X2TF    | 18 - 10               | 1                  | P1 NB       |                           |
| 02-724633-1        | 3 - 21                | 5                  | P1 XF       |                           |
|                    | 8 -                   |                    |             |                           |
|                    | 9 - 18                |                    |             |                           |
|                    | 13 - 7                |                    |             |                           |
|                    | 14 - 8                |                    |             |                           |
|                    | 19 - 10               |                    |             |                           |
| 02-725730-1        | 9 - 1                 | 3                  | A1          |                           |
|                    | 10 -                  |                    |             |                           |
|                    | 13 - 1                |                    |             |                           |
|                    | 19 - 1                |                    |             |                           |
| 02-725944-1        | 14 - 1                | 1                  | A1          |                           |
|                    | 15 -                  |                    |             |                           |
| 02-727821-1        | 3 - 18                | 1                  | A1          |                           |
|                    | 6 -                   |                    |             |                           |
| 02-727827-1        | 14 - 6                | 1                  | A1          |                           |
|                    | 17 -                  |                    |             |                           |
| 02-727828-1        | 13 - 3                | 1                  | M1          |                           |
| 02-728311-1        | 19 - 6                | 1                  | A1          |                           |
|                    | 16 -                  |                    |             |                           |
| 02-728316-1        | 9 - 4                 | 1                  | A1          |                           |
|                    | 11 -                  |                    |             |                           |
| 02-728318-1        | 3 - 5                 | 1                  | A1          |                           |
|                    | 5 -                   |                    |             |                           |
| 02-728320-1        | 19 - 5                | 2                  | A1          |                           |
|                    | 20 -                  |                    |             |                           |
| 02-728322-1        | 19 - 9                | 1                  | A1          |                           |
|                    | 23 -                  |                    |             |                           |
| 02-728325-1        | 19 - 8                | 1                  | A1          |                           |
|                    | 22 -                  |                    |             |                           |
| 02-728326-1        | 19 - 7                | 1                  | A1          |                           |

| MFR PART NUMBER | FIG. AND INDEX NO.                      | QTY PER ART. | SMR CODE | EQUIP. SPARES LEVEL |
|-----------------|---|--------------|----------|---------------------|
| 02-728543-1     | 20 -<br>14 - 7<br>18 -                  | 1            | A1       |                     |
| 02-737116       | 2 - 8                                   | 1            |          |                     |
| 02-801741-4     | 15 - 5                                  |              |          |                     |
| 02-801741-62    | 5 - 6                                   |              |          |                     |
| 02-801741-64    | 5 - 9                                   |              |          |                     |
| 02-801741-67    | 5 - 8                                   |              |          |                     |
| 02-801741-68    | 11 - 7                                  |              |          |                     |
| 02-802059-1     | 9 -<br>13 -<br>14 -                     |              |          |                     |
| 02-802392-4     | 5 - 15                                  |              |          |                     |
| 02-802425-3     | 23 - 16                                 |              |          |                     |
| 02-802425-4     | 23 -                                    |              |          |                     |
| 020071-1        | 9 - 39<br>13 - 23<br>14 - 29<br>19 - 37 | 13           | P1 NB    |                     |
| 020071-1        | 9 - 40<br>13 - 24<br>14 - 30<br>19 - 38 | 13           | P1 NB    |                     |
| 091-0020-000    | 6 -<br>20 -<br>22 -<br>23 -             |              |          |                     |
| 1/2             | 9 - 26<br>13 - 15<br>14 - 21<br>19 - 20 | AR           | X2       |                     |
| 1N249B          | 18 - 52                                 | 2            | P1 NS    |                     |
| 1N270           | 23 -                                    | 1            | P1 NS    |                     |
| 1N2810B         | 18 - 50                                 | 2            | P1 NS    |                     |
| 1N2810RB        | 18 - 50                                 | 2            | P1 NS    |                     |
| 1N2824B         | 18 - 50                                 | 2            | P1 NS    |                     |
| 1N2992B         | 18 - 25                                 | 1            | P1 NS    |                     |
| 1N645           | 22 - 29                                 | 1            | P1 NS    |                     |
| 10-21MM8MS21-10 | 18 -                                    |              |          |                     |
| 10-4-00         | 11 -                                    | 4            | P1 NS    |                     |
| 101-5030-971    | 10 - 2                                  | 1            | P1 NS    |                     |
| 1028-4          | 15 - 4                                  | 10           | P1 NS    |                     |
| 1028-62         | 5 - 6                                   | 4            | P1 NS    |                     |
| 1028-64         | 5 - 9                                   | 1            | P1 NS    |                     |
| 1028-67         | 5 - 8                                   | 1            | P1 NS    |                     |
| 1028-68         | 11 - 7                                  | 5            | P1 NS    |                     |
| 105560          | 2 - 10                                  | 1            | P1 NS    |                     |
| 11-802413-1     | 9 - 16                                  |              |          |                     |
| 12-21MM8MS21-12 | 17 -<br>18 -                            |              |          |                     |
| 12-802297-1     | 5 - 22                                  |              |          |                     |
| 12-802390-1     | 2 - 10                                  |              |          |                     |
| 12S1-12-1BB     | 5 -<br>11 -<br>20 -<br>22 -<br>23 -     | 138          | P1 NS    |                     |
| 12S1-19-1BB     | 23 -                                    | 8            | P1 NS    |                     |
| 122372000       | 20 -<br>22 -<br>23 -                    |              |          |                     |
| 13-728725-1     | 23 - 15                                 | 200          | A        |                     |
| 1551G           | 5 -                                     | 2            | P1 NS    |                     |
| 16185-1         | 18 - 30<br>22 - 31                      | 5            | P1 NS    |                     |
| 18-21MM8MS21-18 | 16 -<br>18 -                            |              |          |                     |
| 181-1/2         | 21 - 3                                  | 1            | P1 NS    |                     |
| 19-801862-1     | 9 - 26<br>13 - 15<br>14 - 21<br>19 - 20 |              |          |                     |
| 19-801914-1     | 9 - 24<br>13 - 13                       |              |          |                     |
| 2A1000          | 8 - 1                                   | 1            | P1 NS    |                     |
| 2EB408A49       | 8 -                                     | 1            | P1 XF    |                     |
| 2PB12T2         | 11 - 8                                  | 1            | P1 NS    |                     |
| 20GB303         | 3 - 24<br>9 - 29<br>14 - 22<br>19 - 22  | 4            | X2       |                     |
| 20GB603         | 13 - 16                                 | 1            | X2       |                     |

| MFR PART NUMBER     | FIG. AND INDEX NO.  | QTY PER ART. | SMR CODE | EQUIP. SPARES LEVEL |
|---------------------|---|--------------|----------|---------------------|
| 20410               | 10 - 7<br>14 - 13   | 2            | P1 NS    |                     |
| 225-22222-10100-100 | 6 -<br>20 -<br>22 -<br>23 -<br>8 -                          |              |          |                     |
| 23-801869-1         | 12 - 6  | 1            | A1       |                     |
| 2349728G1           | 13 -  |              |          |                     |
| 2349729G1           | 12 - 7<br>14 -  | 1            | A1       |                     |
| 2349731G1           | 2 - 7<br>3 -  | 1            | A1       |                     |
| 2349732G1           | 2 - 9<br>9 -  | 1            | A1       |                     |
| 2349737G3           | 1 - 6   | 1            | A1       |                     |
| 2349747G1           | 3 - 42  | 4            | X2       |                     |
| 2381-1              | 6 - 23<br>11 - 14   | 4            | P1 NS    |                     |
| 2385-1              | 5 - 17<br>6 - 7<br>11 - 3                                   | 6            | X2       |                     |
| 2385-2              | 16 - 2<br>17 - 13<br>18 -                                   | 4            | X2       |                     |
| 24-21MM8MS21-24     | 9 - 17  | 9            | P1 XF    |                     |
| 2470102G1           | 13 - 6<br>14 - 5  |              |          |                     |
| 2470460-13          | 1 - 5   | 1            | X2       |                     |
| 2470594G1           | 3 - 7   | 1            | A        |                     |
| 2470595G1           | 9 - 3   | 1            | A        |                     |
| 2471054G1           | 3 - 48<br>9 - 44  | 2            | X2       |                     |
| 2471054G2           | 13 - 34<br>14 - 33  | 2            | X2       |                     |
| 2471054G3           | 19 - 43   | 1            | X2       |                     |
| 2471055G1           | 3 - 12<br>9 - 11<br>14 - 9                                  | 3            | M        |                     |
| 2471055G2           | 13 - 8  | 2            | M        |                     |
| 2471070G2           | 9 - 19  | 1            | X2       |                     |
| 2471070G3           | 3 - 22  | 1            | X2       |                     |
| 2471070G6           | 13 - 11   | 1            | X2       |                     |
| 2471070G7           | 14 - 12   | 1            | X2       |                     |
| 2471070G8           | 19 - 14   | 1            | X2       |                     |
| 2471098G1           | 1 -   | 1            | A1       |                     |
| 2472460-1           | 1 - 3   | 1            | X2       |                     |
| 2472460-2           | 1 -   | 1            | X2       |                     |
| 2472460-20          | 1 - 1   | 1            | X2       |                     |
| 2472460-21          | 1 -   | 1            | X2       |                     |
| 2472460-22          | 1 -   | 1            | X2       |                     |
| 25-801830-2         | 4 - 2   |              |          |                     |
| 25-801864-2         | 7 - 6   |              |          |                     |
| 254                 | 3 - 23<br>9 - 25<br>13 - 14<br>14 - 20<br>19 - 21<br>21 - 2 | 9            | X2       |                     |
| 26-801821-1         | 15 - 7  |              |          |                     |
| 267                 | 7 - 3   | 1            | X2       |                     |
| 29-801848-12        | 18 - 12   |              |          |                     |
| 29-801848-13        | 18 - 11   |              |          |                     |
| 3SAA1046            | 18 - 26   | 3            | P1 NS    |                     |
| 31-801763-1         | 18 - 29   |              |          |                     |
| 31-801763-4         | 18 - 28<br>22 - 30  |              |          |                     |
| 31-801852-1         | 18 - 26   |              |          |                     |
| 31-801874-1         | 18 - 44   |              |          |                     |
| 31-801880-1         | 18 - 23   |              |          |                     |
| 32-724053-1         | 6 - 18  | 3            | P1 XF    |                     |
| 32-724054-1         | 20 - 9<br>20 - 17<br>22 - 7<br>23 - 8                       | 47           | P1 XF    |                     |
| 32-724055-1         | 20 - 13<br>22 - 13<br>23 - 9                                | 8            | P1 XF    |                     |
| 32-724135-1         | 20 - 14<br>20 - 15<br>22 - 9<br>23 - 10                     | 6            | P1 XF    |                     |
| 32-724369-4         | 20 - 14   | 3            | P1 XF    |                     |

| MFR PART NUMBER       | FIG. AND INDEX NO.   | QTY PER ART. | SMR CODE | EQUIP. SPARES LEVEL |
|-----------------------|--|--------------|----------|---------------------|
| 32-724743-1           | 20 - 22A<br>22 - 18A<br>22 - 10<br>23 - 11                           | 12           | P1       | XF                  |
| 32-725360-1           | 20 - 12<br>20 - 18<br>22 - 11  | 3            | P1       | XF                  |
| 32-725388-1           | 20 - 8<br>20 - 15<br>22 - 12   | 6            | P1       | XF                  |
| 32-726825-1           | 6 - 17   | 6            | P1       | XF                  |
| 32-726843-1           | 20 - 11<br>22 - 14<br>23 - 12  | 17           | P1       | XF                  |
| 32-728649-1           | 20 - 22  | 1            | P1       | XF                  |
| 32-728655-1           | 22 - 16  | 1            | P1       | XF                  |
| 32-728658-1           | 23 - 14  | 1            | P1       | XF                  |
| 32-728661-1           | 20 - 21  | 1            | P1       | XF                  |
| 32-728714-1           | 20 - 7<br>22 - 15<br>22 - 18   | 2            | P1       | XF                  |
| 32-737247-3           | 22 - 18  | 1            | P1       | XF                  |
| 32-737247-4           | 20 - 20<br>22 - 17   | 6            | P1       | XF                  |
| 32-741157-1           | 20 - 10<br>20 - 16<br>22 - 8<br>23 - 13                              | 73           | P1       | XF                  |
| 32-801855-2           | 5 - 20<br>6 - 13<br>11 - 11<br>20 - 33<br>22 - 33<br>23 - 27         |              |          |                     |
| 323                   | 9 - 24   | 4            | P1       | NS                  |
| 33-801782-1           | 10 - 7<br>14 - 13  |              |          |                     |
| 33-801856-1           | 5 - 10<br>11 - 5   |              |          |                     |
| 33-801856-3           | 5 - 11<br>11 - 6   |              |          |                     |
| 33-801868-1           | 8 - 1  |              |          |                     |
| 33-801886-4           | 18 - 10  |              |          |                     |
| 33-801886-6           | 18 - 9   |              |          |                     |
| 33-802599-2           | 11 - 8   |              |          |                     |
| 3302                  | 7 - 2  | 1            | P1       | NS                  |
| 4-14MMUUSMS14-4       | 3 -<br>4 -<br>9 -<br>13 -<br>14 -<br>19 -                            |              |          |                     |
| 4CS 1/2               | 7 - 4  | 1            | P1       | NS                  |
| 405                   | 11 - 13  | 2            | X2       |                     |
| 4216-10               | 4 - 2  | 1            | P1       | NS                  |
| 42574-3               | 10 - 10<br>15 -  | 30           | P1       | NS                  |
| 42575-3               | 10 - 10  | 5            | P1       | NS                  |
| 480065-6              | 10 - 11<br>15 - 6  | 3            | P1       | NS                  |
| 5S3-2                 | 5 -<br>12 -<br>21 -<br>23 -<br>24 -                                  | 146          | P1       | NS                  |
| 50-235032AAAA2JAB     | 7 - 6  | 1            | P1       | NS                  |
| 5262                  | 7 - 5<br>21 - 4  | 3            | P1       | NS                  |
| 5346-22HP             | 18 - 23  | 4            | P1       | NS                  |
| 58C1                  | 9 - 28   | 1            | P1       | NS                  |
| 58361 1/2             | 7 -  |              |          |                     |
| 6-14MM5MS14-6         | 19 -   |              |          |                     |
| 6-21MM8MS21-6         | 18 -   |              |          |                     |
| 600GMFST4SIMS600-4GMG | 3 - 30<br>4 - 3<br>9 - 31<br>10 - 4<br>13 - 28<br>14 - 27<br>19 - 32 | 7            | P1       | NS                  |
| 600GMFST8SIMS600-8GMG | 6 - 12   | 1            | P1       | NS                  |
| 600GMF6MS600-6GMG     | 19 - 25  | 4            | P1       | NS                  |
| 602                   | 16 - 5<br>18 - 43  | 52           | P1       | NS                  |

| MFR PART NUMBER          | FIG. AND INDEX NO.  | QTY PER ART. | SMR CODE | EQUIP. SPARES LEVEL |
|--------------------------|---|--------------|----------|---------------------|
| 602GMF2202-10MS602-10GMG | 18 - 18   | 3            | P1       | NS                  |
| 602GMF2202-12MS602-12GMG | 17 - 14<br>18 - 37  | 5            | P1       | NS                  |
| 602GMF2202-18MS602-18GMG | 16 - 6<br>18 - 39   | 3            | P1       | NS                  |
| 602GMF2202-24MS602-24GMG | 18 - 38   | 1            | P1       | NS                  |
| 602GMF2202-6MS602-6GMG   | 18 - 40   | 1            | P1       | NS                  |
| 640914A3                 | 5 - 15  | 2            | P1       | NS                  |
| 68371-1/2                | 9 -<br>21 -   |              |          |                     |
| 70-201500-202            | 6 - 9   |              |          |                     |
| 70-201500-206            | 6 - 10  |              |          |                     |
| 70-201500-207            | 18 - 60   |              |          |                     |
| 70-201500-210            | 6 - 11<br>18 - 59   |              |          |                     |
| 70-201501-202            | 10 - 3  |              |          |                     |
| 70-201501-203            | 10 - 8  |              |          |                     |
| 70-727061-1              | 18 - 22   | 2            | M1       |                     |
| 70-730018-2              | 20 - 42<br>22 - 47<br>23 - 38<br>7 - 3                      |              |          |                     |
| 70-801716-1              | 6 - 14  |              |          |                     |
| 70-801732-1              | 20 - 31<br>22 - 27<br>23 - 25                               |              |          |                     |
| 70-801745-1              | 3 -<br>9 -<br>13 -<br>14 -<br>19 -                          |              |          |                     |
| 70-801745-3              | 3 -<br>9 -<br>13 -<br>14 -<br>19 -                          |              |          |                     |
| 70-801745-8              | 14 -  |              |          |                     |
| 70-801753-2              | 3 -<br>9 -<br>13 -<br>14 -<br>19 -                          |              |          |                     |
| 70-801797-1              | 3 - 32<br>9 - 33<br>13 - 26<br>14 - 25<br>16 - 7<br>19 - 31 |              |          |                     |
| 70-801798-11             | 10 -  |              |          |                     |
| 70-801798-2              | 19 -  |              |          |                     |
| 70-801798-3              | 5 -<br>11 -   |              |          |                     |
| 70-801798-7              | 6 -<br>20 -<br>22 -<br>23 -                                 |              |          |                     |
| 70-801870-1              | 3 - 23<br>9 - 25<br>14 - 20<br>19 - 21<br>21 - 2<br>7 - 2   |              |          |                     |
| 70-801989-1              | 13 - 16   |              |          |                     |
| 70-802104-1              | 3 - 24  |              |          |                     |
| 70-802104-2              | 9 - 29<br>14 - 22<br>19 - 22                                |              |          |                     |
| 70-802396-1              | 5 -<br>11 -<br>20 -<br>22 -<br>23 -                         |              |          |                     |
| 70-802396-2              | 5 -<br>11 -<br>20 -<br>22 -<br>23 -                         |              |          |                     |
| 70-802396-3              | 5 -<br>11 -   |              |          |                     |

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| MFR<br>PART NUMBER | FIG. AND<br>INDEX NO. | QTY<br>PER<br>ART. | SMR<br>CODE | EQUIP.<br>SPARES<br>LEVEL |
|--------------------|-----------------------|--------------------|-------------|---------------------------|
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| 70-802396-4        | 23 -                  |                    |             |                           |
| 73-801746-1        | 10 - 2                |                    |             |                           |
| 73-801767-1        | 18 - 30               |                    |             |                           |
|                    | 22 - 31               |                    |             |                           |
| 73-801773-2        | 7 - 5                 |                    |             |                           |
|                    | 21 - 4                |                    |             |                           |
| 73-801778-5        | 10 - 11               |                    |             |                           |
|                    | 15 - 6                |                    |             |                           |
| 73-801779-1        | 10 -                  |                    |             |                           |
|                    | 15 -                  |                    |             |                           |
| 73-801779-2        | 10 - 10               |                    |             |                           |
| 73-801796-3        | 17 - 10               |                    |             |                           |
| 73-801796-4        | 17 - 9                |                    |             |                           |
| 73-801798-6        | 18 -                  |                    |             |                           |
| 73-801802-2        | 5 -                   |                    |             |                           |
| 73-801825-14       | 3 - 30                |                    |             |                           |
|                    | 4 - 3                 |                    |             |                           |
|                    | 9 - 31                |                    |             |                           |
|                    | 10 - 4                |                    |             |                           |
|                    | 13 - 28               |                    |             |                           |
|                    | 14 - 27               |                    |             |                           |
|                    | 19 - 32               |                    |             |                           |
| 73-801825-15       | 6 - 12                |                    |             |                           |
| 73-801825-17       | 18 - 40               |                    |             |                           |
| 73-801825-19       | 18 - 18               |                    |             |                           |
| 73-801825-24       | 17 - 14               |                    |             |                           |
|                    | 18 - 37               |                    |             |                           |
| 73-801825-25       | 16 - 6                |                    |             |                           |
|                    | 18 - 39               |                    |             |                           |
| 73-801825-26       | 18 - 38               |                    |             |                           |
| 73-801825-27       | 19 - 25               |                    |             |                           |
| 73-801843-1        | 6 - 4                 |                    |             |                           |
| 73-801893-2        | 6 - 23                |                    |             |                           |
|                    | 11 - 14               |                    |             |                           |
| 73-801957-1        | 16 - 5                |                    |             |                           |
|                    | 18 - 43               |                    |             |                           |
| 73-802019-115      | 5 - 24                |                    |             |                           |
|                    | 6 - 20                |                    |             |                           |
|                    | 11 - 15               |                    |             |                           |
|                    | 16 - 10               |                    |             |                           |
|                    | 20 - 34               |                    |             |                           |
|                    | 22 - 34               |                    |             |                           |
|                    | 23 - 28               |                    |             |                           |
| 73-802019-119      | 16 - 9                |                    |             |                           |
| 73-802019-120      | 16 - 11               |                    |             |                           |
|                    | 17 - 6                |                    |             |                           |
| 73-802019-121      | 17 - 5                |                    |             |                           |
| 73-802019-122      | 17 - 3                |                    |             |                           |
| 73-802019-123      | 17 - 4                |                    |             |                           |
| 73-802019-124      | 17 - 8                |                    |             |                           |
| 73-802019-135      | 20 - 39               |                    |             |                           |
|                    | 22 - 38               |                    |             |                           |
| 73-802019-136      | 20 - 40               |                    |             |                           |
|                    | 22 - 40               |                    |             |                           |
| 73-802019-137      | 22 - 41               |                    |             |                           |
| 73-802019-138      | 22 - 42               |                    |             |                           |
| 73-802019-139      | 22 - 43               |                    |             |                           |
| 73-802019-140      | 6 - 22                |                    |             |                           |
|                    | 11 - 16               |                    |             |                           |
|                    | 20 - 36               |                    |             |                           |
|                    | 22 - 36               |                    |             |                           |
|                    | 23 - 32               |                    |             |                           |
| 73-802019-150      | 17 - 2                |                    |             |                           |
| 73-802019-203      | 5 - 25                |                    |             |                           |
|                    | 6 - 19                |                    |             |                           |
|                    | 20 - 38               |                    |             |                           |
|                    | 22 - 39               |                    |             |                           |
|                    | 23 - 33               |                    |             |                           |
| 73-802019-204      | 23 - 34               |                    |             |                           |
| 73-802019-205      | 23 - 35               |                    |             |                           |
| 73-802019-206      | 23 - 36               |                    |             |                           |
| 73-802019-208      | 6 - 21                |                    |             |                           |
|                    | 20 - 35               |                    |             |                           |
|                    | 22 - 35               |                    |             |                           |
|                    | 23 - 30               |                    |             |                           |
| 73-802019-209      | 23 - 31               |                    |             |                           |
| 73-802019-37       | 20 - 37               |                    |             |                           |
|                    | 22 - 44               |                    |             |                           |
| 73-802019-52       | 17 - 7                |                    |             |                           |

| MFR<br>PART NUMBER | FIG. AND<br>INDEX NO. | QTY<br>PER<br>ART. | SMR<br>CODE | EQUIP.<br>SPARES<br>LEVEL |
|--------------------|-----------------------|--------------------|-------------|---------------------------|
| 73-802019-83       | 22 - 45               |                    |             |                           |
| 73-802019-87       | 22 - 37               |                    |             |                           |
|                    | 23 - 29               |                    |             |                           |
| 73-802109-1        | 11 -                  |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| 73-802109-2        | 5 -                   |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| 73-802109-3        | 16 -                  |                    |             |                           |
|                    | 17 -                  |                    |             |                           |
| 73-802109-4        | 5 -                   |                    |             |                           |
|                    | 11 -                  |                    |             |                           |
|                    | 16 -                  |                    |             |                           |
|                    | 20 -                  |                    |             |                           |
|                    | 22 -                  |                    |             |                           |
|                    | 23 -                  |                    |             |                           |
| 73-802221-2        | 6 - 15                |                    |             |                           |
|                    | 20 - 32               |                    |             |                           |
|                    | 22 - 28               |                    |             |                           |
|                    | 23 - 26               |                    |             |                           |
| 73-803550-1        | 11 - 13               |                    |             |                           |
| 74-725630-1        | 18 - 7                | 1                  | X2          |                           |
| 74-725659-1        | 18 - 8                | 1                  | X2          |                           |
| 74-725900-221      | 10 - 1                | 1                  | X2          |                           |
| 74-725900-313      | 15 - 1                | 1                  | X2          |                           |
| 74-725900-38       | 8 - 3                 | 1                  | X2          |                           |
| 74-725900-414      | 7 - 1                 | 1                  | X2          |                           |
| 74-725900-439      | 4 - 1                 | 1                  | X2          |                           |
| 74-725900-444      | 21 - 1                | 1                  | X2          |                           |
| 74-725900-493      | 6 - 1                 | 1                  | X2          |                           |
| 74-725900-581      | 17 - 1                | 1                  | X2          |                           |
| 74-725900-612      | 16 - 1                | 1                  | X2          |                           |
| 74-725900-622      | 18 - 1                | 1                  | X2          |                           |
| 74-725900-638      | 11 - 1                | 1                  | X2          |                           |
| 74-725900-639      | 20 - 1                | 1                  | X2          |                           |
| 74-725900-640      | 23 - 1                | 1                  | X2          |                           |
| 74-725900-643      | 22 - 1                | 1                  | X2          |                           |
| 74-725900-646      | 5 - 23                | 1                  | X2          |                           |
| 74-725900-647      | 20 - 1                | 1                  | X2          |                           |
| 74-728719-2        | 5 - 16                | 1                  | X2          |                           |
| 74-801610-1        | 20 - 4                |                    |             |                           |
|                    | 22 - 4                |                    |             |                           |
|                    | 23 - 4                |                    |             |                           |
| 74-801610-2        | 20 - 5                |                    |             |                           |
|                    | 22 - 5                |                    |             |                           |
|                    | 23 - 5                |                    |             |                           |
| 74-801832-1        | 5 - 17                |                    |             |                           |
|                    | 6 - 7                 |                    |             |                           |
|                    | 11 - 3                |                    |             |                           |
|                    | 16 - 2                |                    |             |                           |
|                    | 17 - 13               |                    |             |                           |
| 740-4-06-00613     | 3 -                   |                    |             |                           |
|                    | 4 -                   |                    |             |                           |
|                    | 9 -                   |                    |             |                           |
|                    | 10 -                  |                    |             |                           |
|                    | 13 -                  |                    |             |                           |
|                    | 14 -                  |                    |             |                           |
|                    | 19 -                  |                    |             |                           |
|                    | 19 -                  |                    |             |                           |
| 740-6-06-00626     | 6 -                   |                    |             |                           |
| 740-8-06-00614     | 17 - 10               | 1                  | P1 NS       |                           |
| 7408               | 17 - 9                | 3                  | P1 NS       |                           |
| 7410B              | 18 -                  |                    |             |                           |
| 742-10-06-00618    | 18 -                  |                    |             |                           |
| 742-12-06-00623    | 17 -                  |                    |             |                           |
|                    | 18 -                  |                    |             |                           |
| 742-18-06-00624    | 16 -                  |                    |             |                           |
|                    | 18 -                  |                    |             |                           |
| 742-24-06-00625    | 18 -                  |                    |             |                           |
| 742-6-06-00616     | 18 -                  |                    |             |                           |
| 8-14MMUUSMS14-4    | 6 -                   |                    |             |                           |
| 81-724632-1        | 8 - 2                 | 1                  | M1          |                           |
| 81-726332-1        | 13 - 30               | 1                  | M1          |                           |
| 81-726341-1        | 19 - 42               | 10                 | M1          |                           |
| 81-726392-1        | 3 -                   | 26                 | P1 NS       |                           |
|                    | 9 -                   |                    |             |                           |
|                    | 13 -                  |                    |             |                           |
|                    | 14 -                  |                    |             |                           |
|                    | 19 -                  |                    |             |                           |
| 81-726392-2        | 3 -                   | 30                 | P1 NS       |                           |



| MFR PART NUMBER | FIG. AND INDEX NO. | QTY PER ART. | SMR CODE | EQUIP. SPARES LEVEL |
|-----------------|--------------------|--------------|----------|---------------------|
| 81-727636-1     | 13 -               | 30           | M1       |                     |
|                 | 14 -               |              |          |                     |
|                 | 3 - 41             |              |          |                     |
| 81-727727-1     | 9 - 41             | 16           | M        |                     |
|                 | 13 - 25            |              |          |                     |
|                 | 14 - 31            |              |          |                     |
|                 | 19 - 39            |              |          |                     |
| 81-727786-3     | 3 - 25             | 3            | M1       |                     |
|                 | 9 - 30             |              |          |                     |
|                 | 13 - 17            |              |          |                     |
|                 | 14 - 22            |              |          |                     |
| 81-728084-1     | 19 - 23            | 3            | M1       |                     |
|                 | 3 - 46             |              |          |                     |
|                 | 9 - 35             |              |          |                     |
| 81-728084-2     | 14 - 32            | 9            | M1       |                     |
|                 | 3 - 43             |              |          |                     |
|                 | 19 - 40            |              |          |                     |
| 81-728084-3     | 3 - 45             | 19           | M1       |                     |
|                 | 9 - 43             |              |          |                     |
|                 | 13 - 33            |              |          |                     |
| 81-728119-1     | 14 - 35            | 11           | M1       |                     |
|                 | 3 - 36             |              |          |                     |
|                 | 14 - 24            |              |          |                     |
| 81-728595-1     | 19 - 42            | 2            | P1 NS    |                     |
|                 | 18 - 35            |              |          |                     |
|                 | 9 - 28             |              |          |                     |
| 81-801698-3     | 9 - 27             |              |          |                     |
|                 | 21 - 3             |              |          |                     |
| 81-801877-1     | 7 - 4              |              |          |                     |
|                 | 13 - 4             |              |          |                     |
| 82-724089-1     | 19 - 3             | 4            | M1       |                     |
|                 | 9 - 15             |              |          |                     |
| 82-724090-1     | 13 - 2             | 3            | M1       |                     |
|                 | 19 - 4             |              |          |                     |
| 82-724571-1     | 9 - 2              | 3            | M1       |                     |
|                 | 13 - 4A            |              |          |                     |
| 82-724572-1     | 14 - 2             | 1            | M1       |                     |
|                 | 14 - 3             |              |          |                     |
| 82-724582-1     | 21 - 5             | 1            | M1       |                     |
|                 | 4 - 4              |              |          |                     |
| 82-724615-1     | 3 - 29             | 4            | M1       |                     |
|                 | 9 - 23             |              |          |                     |
| 82-724619-1     | 14 - 18            |              |          |                     |
|                 | 19 - 18            |              |          |                     |
| 82-724620-1     | 14 - 14            | 1            | M1       |                     |
|                 | 3 - 20             |              |          |                     |
| 82-724636-1     | 19 - 2             | 2            | M1       |                     |
|                 | 7 - 8              |              |          |                     |
| 82-724728-2     | 10 - 13            | 1            | M1       |                     |
|                 | 9 - 37             |              |          |                     |
| 82-724732-1     | 14 - 36            | 2            | M1       |                     |
|                 | 9 - 38             |              |          |                     |
| 82-724808-1     | 14 - 37            | 2            | M1       |                     |
|                 | 18 - 16            |              |          |                     |
| 82-724808-2     | 18 - 2             | 1            | X2       |                     |
|                 | 18 - 58            |              |          |                     |
| 82-725626-1     | 18 - 56            | 1            | M1       |                     |
|                 | 18 - 57            |              |          |                     |
| 82-725629-1     | 18 - 56            | 1            | M1       |                     |
|                 | 18 - 57            |              |          |                     |
| 82-725651-1     | 18 - 56            | 1            | M1       |                     |
|                 | 18 - 57            |              |          |                     |
| 82-725661-10    | 18 - 56            | 1            | M1       |                     |
|                 | 18 - 57            |              |          |                     |
| 82-725661-2     | 18 - 56            | 1            | M1       |                     |
|                 | 18 - 57            |              |          |                     |
| 82-725661-3     | 18 - 56            | 1            | M1       |                     |
|                 | 18 - 57            |              |          |                     |
| 82-725661-4     | 18 - 56            | 1            | M1       |                     |
|                 | 18 - 57            |              |          |                     |
| 82-725661-5     | 18 - 56            | 1            | M1       |                     |
|                 | 18 - 57            |              |          |                     |
| 82-725661-6     | 18 - 56            | 1            | M1       |                     |
|                 | 18 - 57            |              |          |                     |
| 82-725661-7     | 18 - 56            | 1            | M1       |                     |
|                 | 18 - 57            |              |          |                     |
| 82-725661-9     | 18 - 56            | 1            | M1       |                     |
|                 | 18 - 51            |              |          |                     |
| 82-725662-1     | 18 - 51            | 1            | P1 NS    |                     |
|                 | 18 - 51            |              |          |                     |
| 82-725662-3     | 18 - 51            | 1            | P1 NS    |                     |
|                 | 18 - 51            |              |          |                     |
| 82-725662-5     | 18 - 51            | 1            | P1 NS    |                     |
|                 | 18 - 51            |              |          |                     |
| 82-725662-7     | 18 - 51            | 1            | P1 NS    |                     |
|                 | 18 - 51            |              |          |                     |
| 82-725662-9     | 18 - 51            | 1            | P1 NS    |                     |
|                 | 18 - 53            |              |          |                     |
| 82-725663-1     | 10 - 9             | 1            | M1       |                     |
|                 | 10 - 14            |              |          |                     |
| 82-725728-1     | 20 - 3             | 6            | M1       |                     |
|                 | 22 - 3             |              |          |                     |
| 82-725854-5     | 23 - 3             |              |          |                     |
|                 | 20 - 6             |              |          |                     |
| 82-725856-2     | 22 - 6             | 2            | M1       |                     |
|                 | 20 - 29            |              |          |                     |
| 82-725858-1     | 22 - 25            | 3            | M1       |                     |
|                 | 23 - 23            |              |          |                     |
| 82-725858-3     | 20 - 30            | 3            | M1       |                     |
|                 | 22 - 26            |              |          |                     |
|                 | 23 - 24            |              |          |                     |

| MFR PART NUMBER | FIG. AND INDEX NO. | QTY PER ART. | SMR CODE | EQUIP. SPARES LEVEL |
|-----------------|--------------------|--------------|----------|---------------------|
| 82-725862-3     | 20 - 43            | 3            | X2       |                     |
|                 | 22 - 48            |              |          |                     |
|                 | 23 - 39            |              |          |                     |
| 82-726114-1     | 18 - 13            | 1            | M1       |                     |
|                 | 18 - 14            |              |          |                     |
|                 | 3 - 31             |              |          |                     |
| 82-726233-1     | 9 - 32             | 6            | M        |                     |
|                 | 10 - 5             |              |          |                     |
|                 | 13 - 29            |              |          |                     |
| 82-726403-2     | 14 - 28            | 13           | M1       |                     |
|                 | 19 - 33            |              |          |                     |
|                 | 3 - 44             |              |          |                     |
| 82-726403-7     | 9 - 42             | 15           | M1       |                     |
|                 | 13 - 30            |              |          |                     |
|                 | 14 - 34            |              |          |                     |
| 82-726805-1     | 19 - 41            | 1            | M1       |                     |
|                 | 6 - 16             |              |          |                     |
|                 | 6 - 2              |              |          |                     |
| 82-726806-1     | 18 - 31            | 1            | M1       |                     |
|                 | 18 - 21            |              |          |                     |
|                 | 15 - 9             |              |          |                     |
| 82-727010-1     | 13 - 31            | 2            | M        |                     |
|                 | 3 - 34             |              |          |                     |
|                 | 3 - 34             |              |          |                     |
| 82-727062-1     | 3 - 34             | 1            | X2       |                     |
|                 | 3 - 34             |              |          |                     |
|                 | 3 - 34             |              |          |                     |
| 82-727596-1     | 19 - 34            | 1            | M1       |                     |
|                 | 3 - 47             |              |          |                     |
|                 | 9 - 36             |              |          |                     |
| 82-727657-1     | 14 - 33            | 8            | M1       |                     |
|                 | 19 - 35            |              |          |                     |
|                 | 6 - 8              |              |          |                     |
| 82-727689-1     | 20 - 27            | 12           | M1       |                     |
|                 | 22 - 23            |              |          |                     |
|                 | 23 - 21            |              |          |                     |
| 82-727689-2     | 20 - 28            | 9            | M1       |                     |
|                 | 22 - 24            |              |          |                     |
|                 | 23 - 22            |              |          |                     |
| 82-727786-3     | 17 - 21            | 1            | A1       |                     |
|                 | 17 - 12            |              |          |                     |
|                 | 17 - 19            |              |          |                     |
| 82-727787-1     | 17 - 16            | 1            | M1       |                     |
|                 | 17 - 17            |              |          |                     |
|                 | 17 - 18            |              |          |                     |
| 82-727876-1     | 17 - 17            | 4            | M1       |                     |
|                 | 17 - 18            |              |          |                     |
|                 | 17 - 20            |              |          |                     |
| 82-728255-1     | 16 - 12            | 1            | X2       |                     |
|                 | 16 - 8             |              |          |                     |
|                 | 16 - 3             |              |          |                     |
| 82-728256-1     | 18 - 17            | 1            | M        |                     |
|                 | 18 - 15            |              |          |                     |
|                 | 22 - 2             |              |          |                     |
| 82-728514-1     | 20 - 2             | 1            | X2       |                     |
|                 | 20 - 2             |              |          |                     |
|                 | 23 - 2             |              |          |                     |
| 82-728515-1     | 20 - 2             | 1            | X2       |                     |
|                 | 23 - 2             |              |          |                     |
|                 | 20 - 2             |              |          |                     |
| 82-728516-1     | 23 - 2             | 1            | X2       |                     |
|                 | 20 - 2             |              |          |                     |
|                 | 23 - 2             |              |          |                     |
| 82-728517-1     | 20 - 2             | 1            | X2       |                     |
|                 | 23 - 2             |              |          |                     |
|                 | 20 - 2             |              |          |                     |
| 82-728518-1     | 18 - 62            | 1            | X2       |                     |
|                 | 18 - 32            |              |          |                     |
|                 | 18 - 33            |              |          |                     |
| 82-728518-2     | 22 - 46            | 1            | M1       |                     |
|                 | 11 - 17            |              |          |                     |
|                 | 11 - 2             |              |          |                     |
| 82-728527-1     | 9 - 7              | 1            | M1       |                     |
|                 | 9 - 6              |              |          |                     |
|                 | 22 - 32            |              |          |                     |
| 82-728544-1     | 20 - 41            | 1            | M1       |                     |
|                 | 23 - 37            |              |          |                     |
|                 | 23 - 7             |              |          |                     |
| 82-728545-1     | 20 - 41            | 1            | M1       |                     |
|                 | 5 - 26             |              |          |                     |
|                 | 5 - 18             |              |          |                     |
| 82-728546-1     | 5 - 2              | 1            | M1       |                     |
|                 | 5 - 1              |              |          |                     |
|                 | 5 - 2              |              |          |                     |
| 82-728576-1     | 5 - 2              | 1            | M1       |                     |
|                 | 23 - 6             |              |          |                     |
|                 | 19 - 30            |              |          |                     |
| 82-728577-1     | 2 - 2              | 3            | M        |                     |
|                 | 12 - 5             |              |          |                     |
|                 | 18 - 42            |              |          |                     |
| 82-728578-8     | 18 - 41            | 1            | M1       |                     |
|                 | 16 - 4             |              |          |                     |
|                 | 17 - 15            |              |          |                     |
| 82-728592-1     | 18 - 19            | 1            | P1 NS    |                     |
|                 | 16 -               |              |          |                     |
|                 | 9 -                |              |          |                     |
| 82-728593-1     | 13 -               | 1            | P1 NS    |                     |
|                 | 14 -               |              |          |                     |
|                 | 15 - 8             |              |          |                     |
| 82-728594-1     | 15 -               | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728645-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728646-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728647-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728670-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728671-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728673-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728675-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728687-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728690-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728691-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728694-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728695-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728696-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728697-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728711-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728724       | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 82-728724       | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 83-724613-1     | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 83-725652-1     | 15 - 8             | 1            | M1       |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 83-725652-2     | 15 - 8             | 1            | M1       |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 83-725653-1     | 15 - 8             | 4            | P1 NS    |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 83-725653-101   | 15 - 8             | 1            | P1 NS    |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 8375-1004       | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |
| 84-724733       | 15 - 8             | 1            | M        |                     |
|                 | 15 -               |              |          |                     |
|                 | 15 -               |              |          |                     |

| MFR PART NUMBER | FIG. AND INDEX NO. | QTY PER ART. | SMR CODE | EQUIP. SPARES LEVEL |
|-----------------|--------------------|--------------|----------|---------------------|
| 84-726801-2     | 6 - 24             | 1            | X1       |                     |
| 84-801620-3     | 9 - 39             |              |          |                     |
|                 | 13 - 23            |              |          |                     |
|                 | 14 - 29            |              |          |                     |
|                 | 19 - 37            |              |          |                     |
| 84-801620-4     | 9 - 40             |              |          |                     |
|                 | 13 - 24            |              |          |                     |
|                 | 14 - 30            |              |          |                     |
|                 | 19 - 38            |              |          |                     |
| 84-802927-7     | 2 - 1              | 1            | X2       |                     |
| 86-724576-151   | 5 - 3              | 4            | P1 NS    |                     |
| 86-724576-152   | 5 - 4              | 1            | P1 NS    |                     |
| 86-724576-157   | 5 - 5              | 1            | P1 NS    |                     |
| 86-724576-158   | 11 - 6             | 1            | P1 NS    |                     |
| 86-801882-6     | 11 -               |              |          |                     |
| 89-724614-3     | 3 - 1              | 1            | A1       |                     |
|                 | 4 -                |              |          |                     |
| 89-724619-1     | 13 - 21            | 1            | M        |                     |
| 89-724729-3     | 3 - 19             | 2            | A1       |                     |
|                 | 7 -                |              |          |                     |
|                 | 13 - 5             |              |          |                     |
| 89-724731-1     | 14 - 4             | 1            | A        |                     |
|                 | 21 -               |              |          |                     |
| 89-725631-1     | 18 - 55            | 1            | X2       |                     |
| 89-725656-1     | 18 - 46            | 2            | A1       |                     |

| MFR PART NUMBER | FIG. AND INDEX NO. | QTY PER ART. | SMR CODE | EQUIP. SPARES LEVEL |
|-----------------|--------------------|--------------|----------|---------------------|
| 89-725656-11    | 18 - 49            | 1            | A1       |                     |
| 89-725656-3     | 18 - 45            | 2            | A1       |                     |
| 89-725656-5     | 18 - 47            | 1            | A1       |                     |
| 89-725656-7     | 18 - 48            | 1            | A1       |                     |
| 89-725815-1     | 3 -                | 6            | A        |                     |
|                 | 9 -                |              |          |                     |
|                 | 13 -               |              |          |                     |
|                 | 14 -               |              |          |                     |
|                 | 19 -               |              |          |                     |
| 89-726236-1     | 3 - 29             | 6            | A        |                     |
|                 | 9 - 30             |              |          |                     |
|                 | 10 - 3             |              |          |                     |
|                 | 13 - 27            |              |          |                     |
|                 | 14 - 26            |              |          |                     |
|                 | 19 - 31            |              |          |                     |
| 89-726777-1     | 18 - 6             | 2            | A        |                     |
| 89-726968-1     | 14 -               | 1            | M1       |                     |
| 89-728119-1     | 13 - 22            | 5            | M1       |                     |
| 89-728591-1     | 18 - 36            | 1            | M1       |                     |
| 89-728721-1     | 19 - 23            | 1            | A        |                     |
| 91920062        | 9 - 16             | 1            | A        |                     |
| 94-728669-1     | 11 - 4             | 1            | M1       |                     |
| 94-728669-2     | 5 - 12             | 1            | M1       |                     |
| 94-728669-3     | 5 - 13             | 2            | M1       |                     |
| 9608            | 5 - 22             | 2            | P1 NS    |                     |

### SECTION III REFERENCE DESIGNATION INDEX

| REFERENCE DESIGNATION | FIG. AND INDEX NO. | MFR PART NUMBER   | REFERENCE DESIGNATION | FIG. AND INDEX NO. | MFR PART NUMBER |
|-----------------------|--------------------|-------------------|-----------------------|--------------------|-----------------|
| 102A5                 | 12 - 6             | 2349728G1         | 102A6A1               | 14 - 1             | 02-725944-1     |
| 102A5A1               | 13 - 1             | 02-725730-1       | 102A6A1DS1            | 15 - 4             | 1028-4          |
| 102A5A1DS1            | 10 - 1             | MS25237-327       | 102A6A1DS10           | 15 - 4             | 1028-4          |
| 102A5A1K1             | 10 - 12            | RY4NA3B3L01       | 102A6A1DS2            | 15 - 4             | 1028-4          |
| 102A5A1S1             | 10 - 7             | 20410             | 102A6A1DS3            | 15 - 4             | 1028-4          |
| 102A5A1TB1            | 10 - 11            | 480065-6          | 102A6A1DS4            | 15 - 4             | 1028-4          |
| 102A5A1TB2            | 10 - 3             | 89-726236-1       | 102A6A1DS5            | 15 - 4             | 1028-4          |
| 102A5A1XDS1           | 10 - 2             | 101-5030-971      | 102A6A1DS6            | 15 - 4             | 1028-4          |
| 102A5A10              | 13 - 4A            | 82-724571-1       | 102A6A1DS7            | 15 - 4             | 1028-4          |
| 102A5A11              | 13 - 6             | 2470102G1         | 102A6A1DS8            | 15 - 4             | 1028-4          |
| 102A5A12              | 13 - 5             | 89-724729-3       | 102A6A1DS9            | 15 - 4             | 1028-4          |
| 102A5A12DS1           | 7 - 6              | 50-235032AAAA2JAB | 102A6A1F1             | 15 - 2             | MS90078-7       |
| 102A5A12J1            | 7 - 5              | 5262              | 102A6A1K1             | 15 - 5             | RY4NA3B3L01     |
| 102A5A12J2            | 7 - 5              | 5262              | 102A6A1TB1            | 15 - 6             | 480065-6        |
| 102A5A13              | 13 - 7             | 02-724633-1       | 102A6A1TB2            | 15 - 6             | 480065-6        |
| 102A5A13F1            | 8 - 11             | MDL1              | 102A6A1XF1            | 15 - 3             | FHL17G          |
| 102A5A13S1            | 8 - 1              | 2A1000            | 102A6A2               | 14 - 5             | 2470102G1       |
| 102A5A13XF1           | 8 - 12             | S1111             | 102A6A3               | 14 - 2             | 82-724571-1     |
| 102A5A2               | 13 - 2             | 82-724090-1       | 102A6A4               | 14 - 6             | 02-727827-1     |
| 102A5A3               | 13 - 3             | 02-727828-1       | 102A6A4J1             | 17 - 2             | PT07SE20-16S    |
| 102A5A4               | 13 - 4             | 82-724089-1       | 102A6A4J10            | 17 - 6             | PT07SE18-11S    |
| 102A5A5               | 13 - 6             | 2470102G1         | 102A6A4J11            | 17 - 3             | PT07SE18-11SX   |
| 102A5A6               | 13 - 6             | 2470102G1         | 102A6A4J12            | 17 - 8             | PT07SE18-11SZ   |
| 102A5A7               | 13 - 6             | 2470102G1         | 102A6A4J13            | 17 - 5             | PT07SE18-11SW   |
| 102A5A8               | 13 - 6             | 2470102G1         | 102A6A4J14            | 17 - 7             | PT07SE14-5S     |
| 102A5A9               | 13 - 6             | 2470102G1         | 102A6A4J15            | 17 - 9             | 7410B           |
| 102A6                 | 12 - 7             | 2349729G1         | 102A6A4J16            | 17 - 9             | 7410B           |

| REFERENCE DESIGNATION | FIG. AND INDEX NO. | MFR PART NUMBER           |
|-----------------------|--------------------|---------------------------|
| 102A6A4J17            | 17 - 9             | 7410B                     |
| 102A6A4J18            | 17 - 10            | 7408                      |
| 102A6A4J2             | 17 - 3             | PT07SE18-11SX             |
| 102A6A4J3             | 17 - 4             | PT07SE18-11SY             |
| 102A6A4J4             | 17 - 5             | PT07SE18-11SW             |
| 102A6A4J5             | 17 - 6             | PT07SE18-11S              |
| 102A6A4J6             | 17 - 6             | PT07SE18-11S              |
| 102A6A4J7             | 17 - 2             | PT07SE20-16S              |
| 102A6A4J8             | 17 - 7             | PT07SE14-5S               |
| 102A6A4J9             | 17 - 8             | PT07SE18-11SZ             |
| 102A6A4TB1            | 17 - 15            | 83-725653-1               |
| 102A6A4TB2            | 17 - 15            | 83-725653-1               |
| 102A6A4TB3            | 17 - 14            | 602GMF 2202-12MS602-12GMG |
| 102A6A4TB4            | 17 - 14            | 602GMF 2202-12MS602-12GMG |
| 102A6A4TB5            | 17 - 14            | 602GMF 2202-12MS602-12GMG |
| 102A6A4TB6            | 17 - 14            | 602GMF 2202-12MS602-12GMG |
| 102A6A5               | 14 - 7             | 02-728543-1               |
| 102A6A5A1             | 18 - 46            | 89-725656-1               |
| 102A6A5A1CR1          | 18 - 50            | 1N281ORB                  |
| 102A6A5A1CR2          | 18 - 50            | 1N281ORB                  |
| 102A6A5A1CR3          | 18 - 52            | 1N249B                    |
| 102A6A5A1CR4          | 18 - 52            | 1N249B                    |
| 102A6A5A1TB1          | 18 - 55            | 89-725631-1               |
| 102A6A5A2             | 18 - 46            | 89-725656-1               |
| 102A6A5A2CR1          | 18 - 50            | 1N281ORB                  |
| 102A6A5A2CR2          | 18 - 50            | 1N281ORB                  |
| 102A6A5A2CR3          | 18 - 52            | 1N249B                    |
| 102A6A5A2CR4          | 18 - 52            | 1N249B                    |
| 102A6A5A2TB1          | 18 - 55            | 89-725631-1               |
| 102A6A5A3             | 18 - 45            | 89-725656-3               |
| 102A6A5A3CR1          | 18 - 50            | 1N281ORB                  |
| 102A6A5A3CR2          | 18 - 50            | 1N281ORB                  |
| 102A6A5A3CR3          | 18 - 52            | 1N249B                    |
| 102A6A5A3CR4          | 18 - 52            | 1N249B                    |
| 102A6A5A3R1           | 18 - 54            | RC20GF391J                |
| 102A6A5A3TB1          | 18 - 55            | 89-725631-1               |
| 102A6A5A4             | 18 - 45            | 89-725656-3               |
| 102A6A5A4CR1          | 18 - 50            | 1N281ORB                  |
| 102A6A5A4CR2          | 18 - 50            | 1N281ORB                  |
| 102A6A5A4CR3          | 18 - 52            | 1N249B                    |
| 102A6A5A4CR4          | 18 - 52            | 1N249B                    |
| 102A6A5A4R1           | 18 - 54            | RC20GF391J                |
| 102A6A5A4TB1          | 18 - 55            | 89-725631-1               |
| 102A6A5A5             | 18 - 47            | 89-725656-5               |
| 102A6A5A5CR1          | 18 - 50            | 1N281ORB                  |
| 102A6A5A5CR2          | 18 - 50            | 1N281ORB                  |
| 102A6A5A5CR3          | 18 - 52            | 1N249B                    |
| 102A6A5A5CR4          | 18 - 52            | 1N249B                    |
| 102A6A5A5R1           | 18 - 54            | RC20GF391J                |
| 102A6A5A5TB1          | 18 - 55            | 89-725631-1               |
| 102A6A5A6             | 18 - 48            | 89-725656-7               |
| 102A6A5A6CR1          | 18 - 50            | 1N2824B                   |
| 102A6A5A6CR2          | 18 - 50            | 1N2824B                   |
| 102A6A5A6CR3          | 18 - 52            | 1N249B                    |
| 102A6A5A6CR4          | 18 - 52            | 1N249B                    |
| 102A6A5A6R1           | 18 - 54            | RW58V2R0                  |
| 102A6A5A6TB1          | 18 - 55            | 89-725631-1               |
| 102A6A5A7             | 18 - 49            | 89-725656-11              |
| 102A6A5A7CR1          | 18 - 50            | 1N2824RB                  |
| 102A6A5A7CR2          | 18 - 50            | 1N2824RB                  |
| 102A6A5A7CR3          | 18 - 52            | 1N249B                    |
| 102A6A5A7CR4          | 18 - 52            | 1N249B                    |
| 102A6A5A7R1           | 18 - 54            | RC32GF202J                |
| 102A6A5A7TB1          | 18 - 55            | 89-725631-1               |
| 102A6A5CB1            | 18 - 11            | PAM12SSKMG6-3-50DC        |
| 102A6A5CB2            | 18 - 11            | PAM12SSKMG6-3-50DC        |
| 102A6A5CB3            | 18 - 11            | PAM12SSKMG6-3-50DC        |
| 102A6A5CB4            | 18 - 11            | PAM12SSKMG6-3-50DC        |
| 102A6A5CB5            | 18 - 11            | PAM12SSKMG6-3-50DC        |
| 102A6A5CB6            | 18 - 12            | PAM12SSKMG6-1.4-50DC      |
| 102A6A5CB7            | 18 - 12            | PAM12SSKMG6-1.4-50DC      |
| 102A6A5CR1            | 18 - 25            | 1N2992B                   |
| 102A6A5K1             | 18 - 44            | G54554                    |
| 102A6A5K10            | 18 - 23            | 5346-22HP                 |
| 102A6A5K11            | 18 - 23            | 5346-22HP                 |
| 102A6A5K12            | 18 - 23            | 5346-22HP                 |
| 102A6A5K13            | 18 - 23            | 5346-22HP                 |
| 102A6A5K14            | 18 - 20            | MS25024-2                 |
| 102A6A5K15            | 18 - 20            | MS25024-2                 |

| REFERENCE DESIGNATION | FIG. AND INDEX NO. | MFR PART NUMBER           |
|-----------------------|--------------------|---------------------------|
| 102A6A5K16            | 18 - 26            | 3SAA1046                  |
| 102A6A5K17            | 18 - 26            | 3SAA1046                  |
| 102A6A5K18            | 18 - 26            | 3SAA1046                  |
| 102A6A5K19            | 18 - 20            | MS25024-2                 |
| 102A6A5K2             | 18 - 44            | G54554                    |
| 102A6A5K20            | 18 - 20            | MS25024-2                 |
| 102A6A5K21            | 18 - 28            | MHJL012D12.0VDC           |
| 102A6A5K22            | 18 - 28            | MHJL012D12.0VDC           |
| 102A6A5K23            | 18 - 29            | MHJL012D26.5VDC           |
| 102A6A5K24            | 18 - 29            | MHJL012D26.5VDC           |
| 102A6A5K3             | 18 - 44            | G54554                    |
| 102A6A5K4             | 18 - 44            | G54554                    |
| 102A6A5K5             | 18 - 44            | G54554                    |
| 102A6A5K6             | 18 - 44            | G54554                    |
| 102A6A5K7             | 18 - 44            | G54554                    |
| 102A6A5K8             | 18 - 44            | G54554                    |
| 102A6A5K9             | 18 - 44            | G54554                    |
| 102A6A5S1             | 18 - 9             | 0156A341G1X2TF            |
| 102A6A5S10            | 18 - 3             | MS24525-22                |
| 102A6A5S11            | 18 - 4             | MS35059-22                |
| 102A6A5S12            | 18 - 3             | MS24525-22                |
| 102A6A5S13            | 18 - 3             | MS24525-22                |
| 102A6A5S14            | 18 - 5             | MS35058-22                |
| 102A6A5S15            | 18 - 3             | MS24525-22                |
| 102A6A5S16            | 18 - 5             | MS35058-22                |
| 102A6A5S17            | 18 - 3             | MS24525-22                |
| 102A6A5S2             | 18 - 3             | MS24525-22                |
| 102A6A5S20            | 18 - 10            | 0165A9863G1X2TF           |
| 102A6A5S21            | 18 - 5             | MS35058-22                |
| 102A6A5S23            | 18 - 4             | MS35059-22                |
| 102A6A5S3             | 18 - 4             | MS35059-22                |
| 102A6A5S4             | 18 - 3             | MS24525-22                |
| 102A6A5S5             | 18 - 3             | MS24525-22                |
| 102A6A5S6             | 18 - 5             | MS35058-22                |
| 102A6A5S7             | 18 - 3             | MS24525-22                |
| 102A6A5S8             | 18 - 5             | MS35058-22                |
| 102A6A5S9             | 18 - 3             | MS24525-22                |
| 102A6A5TB1            | 18 - 18            | 602GMF 2202-10MS602-10GMG |
| 102A6A5TB10           | 18 - 39            | 602GMF 2202-18MS602-18GMG |
| 102A6A5TB11           | 18 - 40            | 602GMF 2202-6MS602-6GMG   |
| 102A6A5TB2            | 18 - 18            | 602GMF 2202-10MS602-10GMG |
| 102A6A5TB3            | 18 - 18            | 602GMF 2202-10MS602-10GMG |
| 102A6A5TB4            | 18 - 19            | 83-725653-1               |
| 102A6A5TB5            | 18 - 37            | 602GMF 2202-12MS602-12GMG |
| 102A6A5TB6            | 18 - 41            | 83-725652-2               |
| 102A6A5TB7            | 18 - 42            | 83-725652-1               |
| 102A6A5TB8            | 18 - 38            | 602GMF 2202-24MS602-24GMG |
| 102A6A5TB9            | 18 - 39            | 602GMF 2202-18MS602-18GMG |
| 102A6A5XK10           | 18 - 24            | TS103P02                  |
| 102A6A5XK11           | 18 - 24            | TS103P02                  |
| 102A6A5XK12           | 18 - 24            | TS103P02                  |
| 102A6A5XK13           | 18 - 24            | TS103P02                  |
| 102A6A5XK16           | 18 - 27            | TS1405P01                 |
| 102A6A5XK17           | 18 - 27            | TS1405P01                 |
| 102A6A5XK18           | 18 - 27            | TS1405P01                 |
| 102A6A5XK21           | 18 - 30            | 16185-1                   |
| 102A6A5XK22           | 18 - 30            | 16185-1                   |
| 102A6A5XK23           | 18 - 30            | 16185-1                   |
| 102A6A5XK24           | 18 - 30            | 16185-1                   |
| 102A6A6               | 14 - 3             | 82-724572-1               |
| 102A6A7               | 14 - 5             | 2470102G1                 |
| 102A6A8               | 14 - 4             | 89-724731-1               |
| 102A6A8J1             | 21 - 4             | 5262                      |
| 102A6A8J2             | 21 - 4             | 5262                      |
| 102A6A9               | 14 - 8             | SAME AS 102A5A13          |
| 112A5                 | 1 - 6              | 2349737G3                 |
| 112A5A1               | 19 - 1             | SAME AS 102A5A1           |
| 112A5A10              | 19 - 8             | 02-728325-1               |
| 112A5A10A1            | 22 - 7             | 32-724054-1               |
| 112A5A10A10           | 22 - 8             | 32-741157-1               |
| 112A5A10A11           | 22 - 8             | 32-741157-1               |
| 112A5A10A12           | 22 - 7             | 32-724054-1               |
| 112A5A10A13           | 22 - 7             | 32-724054-1               |
| 112A5A10A14           | 22 - 8             | 32-741157-1               |
| 112A5A10A15           | 22 - 8             | 32-741157-1               |
| 112A5A10A16           | 22 - 7             | 32-724054-1               |
| 112A5A10A17           | 22 - 8             | 32-741157-1               |

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| 112A5A10A18           | 22 - 8             | 32-741157-1     |
| 112A5A10A19           | 22 - 8             | 32-741157-1     |
| 112A5A10A2            | 22 - 8             | 32-741157-1     |
| 112A5A10A20           | 22 - 7             | 32-724054-1     |
| 112A5A10A21           | 22 - 8             | 32-741157-1     |
| 112A5A10A26           | 22 - 15            | 32-728714-1     |
| 112A5A10A27           | 22 - 8             | 32-741157-1     |
| 112A5A10A28           | 22 - 13            | 32-724055-1     |
| 112A5A10A29           | 22 - 13            | 32-724055-1     |
| 112A5A10A3            | 22 - 14            | 32-726843-1     |
| 112A5A10A30           | 22 - 13            | 32-724055-1     |
| 112A5A10A31           | 22 - 8             | 32-741157-1     |
| 112A5A10A32           | 22 - 14            | 32-726843-1     |
| 112A5A10A33           | 22 - 8             | 32-741157-1     |
| 112A5A10A34           | 22 - 7             | 32-724054-1     |
| 112A5A10A35           | 22 - 9             | 32-724135-1     |
| 112A5A10A36           | 22 - 10            | 32-724743-1     |
| 112A5A10A37           | 22 - 14            | 32-726843-1     |
| 112A5A10A38           | 22 - 8             | 32-741157-1     |
| 112A5A10A39           | 22 - 7             | 32-724054-1     |
| 112A5A10A4            | 22 - 8             | 32-741157-1     |
| 112A5A10A40           | 22 - 8             | 32-741157-1     |
| 112A5A10A41           | 22 - 17            | 32-737247-4     |
| 112A5A10A42           | 22 - 8             | 32-741157-1     |
| 112A5A10A43           | 22 - 12            | 32-725388-1     |
| 112A5A10A44           | 22 - 11            | 32-725360-1     |
| 112A5A10A45           | 22 - 18            | 32-737247-3     |
| 112A5A10A46           | 22 - 17            | 32-737247-4     |
| 112A5A10A47           | 22 - 10            | 32-724743-1     |
| 112A5A10A48           | 22 - 10            | 32-724743-1     |
| 112A5A10A49           | 22 - 18A           | 32-724369-4     |
| 112A5A10A5            | 22 - 7             | 32-724054-1     |
| 112A5A10A50           | 22 - 16            | 32-728655-1     |
| 112A5A10A6            | 22 - 14            | 32-726843-1     |
| 112A5A10A7            | 22 - 8             | 32-741157-1     |
| 112A5A10A8            | 22 - 8             | 32-741157-1     |
| 112A5A10A9            | 22 - 8             | 32-741157-1     |
| 112A5A10CR1           | 22 - 29            | 1N645           |
| 112A5A10FL1           | 22 - 33            | FA7022          |
| 112A5A10J1            | 22 - 28            | VH22/1AN8       |
| 112A5A10J10           | 22 - 28            | VH22/1AN8       |
| 112A5A10J11           | 22 - 28            | VH22/1AN8       |
| 112A5A10J12           | 22 - 28            | VH22/1AN8       |
| 112A5A10J13           | 22 - 28            | VH22/1AN8       |
| 112A5A10J14           | 22 - 28            | VH22/1AN8       |
| 112A5A10J15           | 22 - 28            | VH22/1AN8       |
| 112A5A10J16           | 22 - 28            | VH22/1AN8       |
| 112A5A10J17           | 22 - 28            | VH22/1AN8       |
| 112A5A10J18           | 22 - 28            | VH22/1AN8       |
| 112A5A10J19           | 22 - 28            | VH22/1AN8       |
| 112A5A10J2            | 22 - 28            | VH22/1AN8       |
| 112A5A10J20           | 22 - 28            | VH22/1AN8       |
| 112A5A10J21           | 22 - 28            | VH22/1AN8       |
| 112A5A10J22           | 22 - 28            | VH22/1AN8       |
| 112A5A10J23           | 22 - 28            | VH22/1AN8       |
| 112A5A10J24           | 22 - 28            | VH22/1AN8       |
| 112A5A10J25           | 22 - 28            | VH22/1AN8       |
| 112A5A10J26           | 22 - 28            | VH22/1AN8       |
| 112A5A10J27           | 22 - 28            | VH22/1AN8       |
| 112A5A10J28           | 22 - 28            | VH22/1AN8       |
| 112A5A10J29           | 22 - 28            | VH22/1AN8       |
| 112A5A10J3            | 22 - 28            | VH22/1AN8       |
| 112A5A10J30           | 22 - 28            | VH22/1AN8       |
| 112A5A10J31           | 22 - 28            | VH22/1AN8       |
| 112A5A10J32           | 22 - 28            | VH22/1AN8       |
| 112A5A10J33           | 22 - 28            | VH22/1AN8       |
| 112A5A10J34           | 22 - 28            | VH22/1AN8       |
| 112A5A10J35           | 22 - 28            | VH22/1AN8       |
| 112A5A10J36           | 22 - 28            | VH22/1AN8       |
| 112A5A10J37           | 22 - 28            | VH22/1AN8       |
| 112A5A10J38           | 22 - 28            | VH22/1AN8       |
| 112A5A10J39           | 22 - 28            | VH22/1AN8       |
| 112A5A10J4            | 22 - 28            | VH22/1AN8       |
| 112A5A10J40           | 22 - 28            | VH22/1AN8       |
| 112A5A10J41           | 22 - 28            | VH22/1AN8       |

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| 112A5A10J42           | 22 - 28            | VH22/1AN8       |
| 112A5A10J43           | 22 - 28            | VH22/1AN8       |
| 112A5A10J44           | 22 - 28            | VH22/1AN8       |
| 112A5A10J45           | 22 - 28            | VH22/1AN8       |
| 112A5A10J46           | 22 - 28            | VH22/1AN8       |
| 112A5A10J47           | 22 - 28            | VH22/1AN8       |
| 112A5A10J48           | 22 - 28            | VH22/1AN8       |
| 112A5A10J49           | 22 - 28            | VH22/1AN8       |
| 112A5A10J5            | 22 - 28            | VH22/1AN8       |
| 112A5A10J50           | 22 - 28            | VH22/1AN8       |
| 112A5A10J51           | 22 - 34            | PT07SE18-11P    |
| 112A5A10J52           | 22 - 35            | PT07SE22-55S    |
| 112A5A10J53           | 22 - 36            | PT07SE18-32S    |
| 112A5A10J54           | 22 - 38            | PT07SE18-32P    |
| 112A5A10J55           | 22 - 39            | PT07SE22-55P    |
| 112A5A10J56           | 22 - 40            | PT07SE18-32PW   |
| 112A5A10J57           | 22 - 41            | PT07SE18-32PX   |
| 112A5A10J58           | 22 - 42            | PT07SE18-32PY   |
| 112A5A10J59           | 22 - 43            | PT07SE18-32PZ   |
| 112A5A10J6            | 22 - 28            | VH22/1AN8       |
| 112A5A10J60           | 22 - 44            | PT07SE12-10P    |
| 112A5A10J62           | 22 - 45            | PT07SE14-19P    |
| 112A5A10J7            | 22 - 28            | VH22/1AN8       |
| 112A5A10J8            | 22 - 28            | VH22/1AN8       |
| 112A5A10J9            | 22 - 28            | VH22/1AN8       |
| 112A5A10K1            | 22 - 30            | MHJL012012.OVDC |
| 112A5A10XK1           | 22 - 31            | 16185-1         |
| 112A5A11              | 19 - 3             | 82-724089-1     |
| 112A5A12              | 19 - 9             | 02-728322-1     |
| 112A5A12A1            | 23 - 13            | 32-741157-1     |
| 112A5A12A10           | 23 - 11            | 32-724743-1     |
| 112A5A12A11           | 23 - 13            | 32-741157-1     |
| 112A5A12A12           | 23 - 11            | 32-724743-1     |
| 112A5A12A13           | 23 - 11            | 32-724743-1     |
| 112A5A12A14           | 23 - 8             | 32-724054-1     |
| 112A5A12A15           | 23 - 13            | 32-741157-1     |
| 112A5A12A16           | 23 - 9             | 32-724055-1     |
| 112A5A12A17           | 23 - 13            | 32-741157-1     |
| 112A5A12A18           | 23 - 13            | 32-741157-1     |
| 112A5A12A19           | 23 - 12            | 32-726843-1     |
| 112A5A12A2            | 23 - 13            | 32-741157-1     |
| 112A5A12A20           | 23 - 13            | 32-741157-1     |
| 112A5A12A21           | 23 - 8             | 32-724054-1     |
| 112A5A12A22           | 23 - 13            | 32-741157-1     |
| 112A5A12A23           | 23 - 9             | 32-724055-1     |
| 112A5A12A24           | 23 - 13            | 32-741157-1     |
| 112A5A12A25           | 23 - 13            | 32-741157-1     |
| 112A5A12A26           | 23 - 12            | 32-726843-1     |
| 112A5A12A27           | 23 - 13            | 32-741157-1     |
| 112A5A12A28           | 23 - 11            | 32-724743-1     |
| 112A5A12A29           | 23 - 12            | 32-726843-1     |
| 112A5A12A3            | 23 - 11            | 32-724743-1     |
| 112A5A12A30           | 23 - 13            | 32-741157-1     |
| 112A5A12A31           | 23 - 11            | 32-724743-1     |
| 112A5A12A32           | 23 - 13            | 32-741157-1     |
| 112A5A12A33           | 23 - 13            | 32-741157-1     |
| 112A5A12A34           | 23 - 12            | 32-726843-1     |
| 112A5A12A35           | 23 - 13            | 32-741157-1     |
| 112A5A12A36           | 23 - 11            | 32-724743-1     |
| 112A5A12A37           | 23 - 10            | 32-724135-1     |
| 112A5A12A38           | 23 - 8             | 32-724054-1     |
| 112A5A12A39           | 23 - 8             | 32-724054-1     |
| 112A5A12A4            | 23 - 13            | 32-741157-1     |
| 112A5A12A40           | 23 - 14            | 32-728658-1     |
| 112A5A12A42           | 23 - 8             | 32-724054-1     |
| 112A5A12A43           | 23 - 8             | 32-724054-1     |
| 112A5A12A44           | 23 - 8             | 32-724054-1     |
| 112A5A12A45           | 23 - 8             | 32-724054-1     |
| 112A5A12A46           | 23 - 13            | 32-741157-1     |
| 112A5A12A47           | 23 - 8             | 32-724054-1     |
| 112A5A12A48           | 23 - 8             | 32-724054-1     |
| 112A5A12A49           | 23 - 13            | 32-741157-1     |
| 112A5A12A5            | 23 - 11            | 32-724743-1     |
| 112A5A12A50           | 23 - 8             | 32-724054-1     |

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| 112A5A12A51           | 23 - 16            | SBX092264-10     |
| 112A5A12A52           | 23 - 16            | SBX092264-10     |
| 112A5A12A6            | 23 - 11            | 32-724743-1      |
| 112A5A12A9            | 23 - 13            | 32-741157-1      |
| 112A5A12FL1           | 23 - 27            | FA7022           |
| 112A5A12FL2           | 23 - 27            | FA7022           |
| 112A5A12J1            | 23 - 26            | VH22/1AN8        |
| 112A5A12J10           | 23 - 26            | VH22/1AN8        |
| 112A5A12J11           | 23 - 26            | VH22/1AN8        |
| 112A5A12J12           | 23 - 26            | VH22/1AN8        |
| 112A5A12J13           | 23 - 26            | VH22/1AN8        |
| 112A5A12J14           | 23 - 26            | VH22/1AN8        |
| 112A5A12J15           | 23 - 26            | VH22/1AN8        |
| 112A5A12J16           | 23 - 26            | VH22/1AN8        |
| 112A5A12J17           | 23 - 26            | VH22/1AN8        |
| 112A5A12J18           | 23 - 26            | VH22/1AN8        |
| 112A5A12J19           | 23 - 26            | VH22/1AN8        |
| 112A5A12J2            | 23 - 26            | VH22/1AN8        |
| 112A5A12J20           | 23 - 26            | VH22/1AN8        |
| 112A5A12J21           | 23 - 26            | VH22/1AN8        |
| 112A5A12J22           | 23 - 26            | VH22/1AN8        |
| 112A5A12J23           | 23 - 26            | VH22/1AN8        |
| 112A5A12J24           | 23 - 26            | VH22/1AN8        |
| 112A5A12J25           | 23 - 26            | VH22/1AN8        |
| 112A5A12J26           | 23 - 26            | VH22/1AN8        |
| 112A5A12J27           | 23 - 26            | VH22/1AN8        |
| 112A5A12J28           | 23 - 26            | VH22/1AN8        |
| 112A5A12J29           | 23 - 26            | VH22/1AN8        |
| 112A5A12J3            | 23 - 26            | VH22/1AN8        |
| 112A5A12J30           | 23 - 26            | VH22/1AN8        |
| 112A5A12J31           | 23 - 26            | VH22/1AN8        |
| 112A5A12J32           | 23 - 26            | VH22/1AN8        |
| 112A5A12J33           | 23 - 26            | VH22/1AN8        |
| 112A5A12J34           | 23 - 26            | VH22/1AN8        |
| 112A5A12J35           | 23 - 26            | VH22/1AN8        |
| 112A5A12J36           | 23 - 26            | VH22/1AN8        |
| 112A5A12J37           | 23 - 26            | VH22/1AN8        |
| 112A5A12J38           | 23 - 26            | VH22/1AN8        |
| 112A5A12J39           | 23 - 26            | VH22/1AN8        |
| 112A5A12J4            | 23 - 26            | VH22/1AN8        |
| 112A5A12J40           | 23 - 26            | VH22/1AN8        |
| 112A5A12J41           | 23 - 26            | VH22/1AN8        |
| 112A5A12J42           | 23 - 26            | VH22/1AN8        |
| 112A5A12J43           | 23 - 26            | VH22/1AN8        |
| 112A5A12J44           | 23 - 26            | VH22/1AN8        |
| 112A5A12J45           | 23 - 26            | VH22/1AN8        |
| 112A5A12J46           | 23 - 26            | VH22/1AN8        |
| 112A5A12J47           | 23 - 26            | VH22/1AN8        |
| 112A5A12J48           | 23 - 26            | VH22/1AN8        |
| 112A5A12J49           | 23 - 26            | VH22/1AN8        |
| 112A5A12J5            | 23 - 26            | VH22/1AN8        |
| 112A5A12J50           | 23 - 26            | VH22/1AN8        |
| 112A5A12J51           | 23 - 28            | PT07SE18-11P     |
| 112A5A12J52           | 23 - 29            | PT07SE14-19S     |
| 112A5A12J53           | 23 - 30            | PT07SE22-55S     |
| 112A5A12J54           | 23 - 31            | PT07SE22-55SM    |
| 112A5A12J55           | 23 - 32            | PT07SE18-32S     |
| 112A5A12J55           | 23 - 33            | PT07SE22-55P     |
| 112A5A12J56           | 23 - 34            | PT07SE22-55PW    |
| 112A5A12J57           | 23 - 35            | PT07SE22-55PX    |
| 112A5A12J58           | 23 - 36            | PT07SE22-55PY    |
| 112A5A12J6            | 23 - 26            | VH22/1AN8        |
| 112A5A12J7            | 23 - 26            | VH22/1AN8        |
| 112A5A12J8            | 23 - 26            | VH22/1AN8        |
| 112A5A12J9            | 23 - 26            | VH22/1AN8        |
| 112A5A13              | 19 - 10            | SAME AS 102A5A13 |
| 112A5A2               | 19 - 2             | 82-724636-1      |
| 112A5A3               | 19 - 5             | 02-728320-1      |
| 112A5A3A1             | 20 - 7             | 32-728714-1      |
| 112A5A3A10            | 20 - 10            | 32-741157-1      |
| 112A5A3A11            | 20 - 9             | 32-724054-1      |
| 112A5A3A12            | 20 - 9             | 32-724054-1      |
| 112A5A3A12            | 20 - 12            | 32-725360-1      |
| 112A5A3A13            | 20 - 13            | 32-724055-1      |
| 112A5A3A14            | 20 - 14            | 32-724135-1      |
| 112A5A3A15            | 20 - 13            | 32-724055-1      |
| 112A5A3A16            | 20 - 13            | 32-724055-1      |
| 112A5A3A17            | 20 - 14            | 32-724135-1      |
| 112A5A3A18            | 20 - 9             | 32-724054-1      |
| 112A5A3A19            | 20 - 10            | 32-741157-1      |

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| 112A5A3A2             | 20 - 8             | 32-725388-1     |
| 112A5A3A20            | 20 - 9             | 32-724054-1     |
| 112A5A3A21            | 20 - 9             | 32-724054-1     |
| 112A5A3A22            | 20 - 14            | 32-724135-1     |
| 112A5A3A23            | 20 - 10            | 32-741157-1     |
| 112A5A3A24            | 20 - 10            | 32-741157-1     |
| 112A5A3A25            | 20 - 14A           | 32-724369-4     |
| 112A5A3A26            | 20 - 9             | 32-724054-1     |
| 112A5A3A27            | 20 - 9             | 32-724054-1     |
| 112A5A3A28            | 20 - 10            | 32-741157-1     |
| 112A5A3A29            | 20 - 9             | 32-724054-1     |
| 112A5A3A3             | 20 - 9             | 32-724054-1     |
| 112A5A3A30            | 20 - 9             | 32-724054-1     |
| 112A5A3A31            | 20 - 9             | 32-724054-1     |
| 112A5A3A32            | 20 - 10            | 32-741157-1     |
| 112A5A3A34            | 20 - 11            | 32-726843-1     |
| 112A5A3A35            | 20 - 10            | 32-741157-1     |
| 112A5A3A36            | 20 - 10            | 32-741157-1     |
| 112A5A3A37            | 20 - 11            | 32-726843-1     |
| 112A5A3A38            | 20 - 10            | 32-741157-1     |
| 112A5A3A39            | 20 - 11            | 32-726843-1     |
| 112A5A3A4             | 20 - 10            | 32-741157-1     |
| 112A5A3A40            | 20 - 10            | 32-741157-1     |
| 112A5A3A41            | 20 - 10            | 32-741157-1     |
| 112A5A3A42            | 20 - 11            | 32-726843-1     |
| 112A5A3A43            | 20 - 10            | 32-741157-1     |
| 112A5A3A44            | 20 - 11            | 32-726843-1     |
| 112A5A3A45            | 20 - 10            | 32-741157-1     |
| 112A5A3A46            | 20 - 11            | 32-726843-1     |
| 112A5A3A47            | 20 - 10            | 32-741157-1     |
| 112A5A3A48            | 20 - 11            | 32-726843-1     |
| 112A5A3A49            | 20 - 10            | 32-741157-1     |
| 112A5A3A5             | 20 - 11            | 32-726843-1     |
| 112A5A3A50            | 20 - 11            | 32-726843-1     |
| 112A5A3A6             | 20 - 8             | 32-725388-1     |
| 112A5A3A8             | 20 - 10            | 32-741157-1     |
| 112A5A3A9             | 20 - 9             | 32-724054-1     |
| 112A5A3FL1            | 20 - 33            | FA7022          |
| 112A5A3J1             | 20 - 32            | VH22/1AN8       |
| 112A5A3J10            | 20 - 32            | VH22/1AN8       |
| 112A5A3J11            | 20 - 32            | VH22/1AN8       |
| 112A5A3J12            | 20 - 32            | VH22/1AN8       |
| 112A5A3J13            | 20 - 32            | VH22/1AN8       |
| 112A5A3J14            | 20 - 32            | VH22/1AN8       |
| 112A5A3J15            | 20 - 32            | VH22/1AN8       |
| 112A5A3J16            | 20 - 32            | VH22/1AN8       |
| 112A5A3J17            | 20 - 32            | VH22/1AN8       |
| 112A5A3J18            | 20 - 32            | VH22/1AN8       |
| 112A5A3J19            | 20 - 32            | VH22/1AN8       |
| 112A5A3J2             | 20 - 32            | VH22/1AN8       |
| 112A5A3J20            | 20 - 32            | VH22/1AN8       |
| 112A5A3J21            | 20 - 32            | VH22/1AN8       |
| 112A5A3J22            | 20 - 32            | VH22/1AN8       |
| 112A5A3J23            | 20 - 32            | VH22/1AN8       |
| 112A5A3J24            | 20 - 32            | VH22/1AN8       |
| 112A5A3J25            | 20 - 32            | VH22/1AN8       |
| 112A5A3J26            | 20 - 32            | VH22/1AN8       |
| 112A5A3J27            | 20 - 32            | VH22/1AN8       |
| 112A5A3J28            | 20 - 32            | VH22/1AN8       |
| 112A5A3J29            | 20 - 32            | VH22/1AN8       |
| 112A5A3J3             | 20 - 32            | VH22/1AN8       |
| 112A5A3J30            | 20 - 32            | VH22/1AN8       |
| 112A5A3J31            | 20 - 32            | VH22/1AN8       |
| 112A5A3J32            | 20 - 32            | VH22/1AN8       |
| 112A5A3J33            | 20 - 32            | VH22/1AN8       |
| 112A5A3J34            | 20 - 32            | VH22/1AN8       |
| 112A5A3J35            | 20 - 32            | VH22/1AN8       |
| 112A5A3J36            | 20 - 32            | VH22/1AN8       |
| 112A5A3J37            | 20 - 32            | VH22/1AN8       |
| 112A5A3J38            | 20 - 32            | VH22/1AN8       |
| 112A5A3J39            | 20 - 32            | VH22/1AN8       |
| 112A5A3J4             | 20 - 32            | VH22/1AN8       |
| 112A5A3J40            | 20 - 32            | VH22/1AN8       |
| 112A5A3J41            | 20 - 32            | VH22/1AN8       |
| 112A5A3J42            | 20 - 32            | VH22/1AN8       |
| 112A5A3J43            | 20 - 32            | VH22/1AN8       |
| 112A5A3J44            | 20 - 32            | VH22/1AN8       |
| 112A5A3J45            | 20 - 32            | VH22/1AN8       |
| 112A5A3J46            | 20 - 32            | VH22/1AN8       |
| 112A5A3J47            | 20 - 32            | VH22/1AN8       |

| REFERENCE DESIGNATION | FIG. AND INDEX NO. | MFR PART NUMBER           |
|-----------------------|--------------------|---------------------------|
| 112A5A3J48            | 20 - 32            | VH22/1AN8                 |
| 112A5A3J49            | 20 - 32            | VH22/1AN8                 |
| 112A5A3J5             | 20 - 32            | VH22/1AN8                 |
| 112A5A3J50            | 20 - 32            | VH22/1AN8                 |
| 112A5A3J51            | 20 - 34            | PT07SE18-11P              |
| 112A5A3J52            | 20 - 35            | PT07SE22-55S              |
| 112A5A3J53            | 20 - 36            | PT07SE18-32S              |
| 112A5A3J54            | 20 - 37            | PT07SE12-10P              |
| 112A5A3J6             | 20 - 32            | VH22/1AN8                 |
| 112A5A3J7             | 20 - 32            | VH22/1AN8                 |
| 112A5A3J8             | 20 - 32            | VH22/1AN8                 |
| 112A5A3J9             | 20 - 32            | VH22/1AN8                 |
| 112A5A4               | 19 - 3             | 82-724089-1               |
| 112A5A5               | 19 - 5             | SAME AS 112A5A3           |
| 112A5A6               | 19 - 4             | 82-724090-1               |
| 112A5A7               | 19 - 6             | 02-728311-1               |
| 112A5A7J1             | 16 - 9             | PT07SE18-11PZ             |
| 112A5A7J10            | 16 - 11            | PT07SE18-11S              |
| 112A5A7J11            | 16 - 11            | PT07SE18-11S              |
| 112A5A7J12            | 16 - 11            | PT07SE18-11S              |
| 112A5A7J2             | 16 - 10            | PT07SE18-11P              |
| 112A5A7J3             | 16 - 11            | PT07SE18-11S              |
| 112A5A7J4             | 16 - 11            | PT07SE18-11S              |
| 112A5A7J5             | 16 - 11            | PT07SE18-11S              |
| 112A5A7J6             | 16 - 11            | PT07SE18-11S              |
| 112A5A7J7             | 16 - 11            | PT07SE18-11S              |
| 112A5A7J8             | 16 - 11            | PT07SE18-11S              |
| 112A5A7J9             | 16 - 11            | PT07SE18-11S              |
| 112A5A7TB1            | 16 - 6             | 602GMF 2202-18MS602-18GMG |
| 112A5A8               | 19 - 7             | 02-728326-1               |
| 112A5A8A1             | 20 - 15            | 32-725388-1               |
| 112A5A8A10            | 20 - 16            | 32-741157-1               |
| 112A5A8A11            | 20 - 17            | 32-724054-1               |
| 112A5A8A12            | 20 - 17            | 32-724054-1               |
| 112A5A8A13            | 20 - 17            | 32-724054-1               |
| 112A5A8A14            | 20 - 19            | 32-724135-1               |
| 112A5A8A15            | 20 - 16            | 32-741157-1               |
| 112A5A8A16            | 20 - 17            | 32-724054-1               |
| 112A5A8A17            | 20 - 16            | 32-741157-1               |
| 112A5A8A18            | 20 - 17            | 32-724054-1               |
| 112A5A8A19            | 20 - 17            | 32-724054-1               |
| 112A5A8A2             | 20 - 16            | 32-741157-1               |
| 112A5A8A20            | 20 - 16            | 32-741157-1               |
| 112A5A8A21            | 20 - 17            | 32-724054-1               |
| 112A5A8A22            | 20 - 16            | 32-741157-1               |
| 112A5A8A23            | 20 - 17            | 32-724054-1               |
| 112A5A8A24            | 20 - 16            | 32-741157-1               |
| 112A5A8A25            | 20 - 17            | 32-724054-1               |
| 112A5A8A26            | 20 - 22A           | 32-724369-4               |
| 112A5A8A27            | 20 - 21            | 32-728661-1               |
| 112A5A8A28            | 20 - 20            | 32-737247-4               |
| 112A5A8A29            | 20 - 20            | 32-737247-4               |
| 112A5A8A3             | 20 - 17            | 32-724054-1               |
| 112A5A8A30            | 20 - 20            | 32-737247-4               |
| 112A5A8A31            | 20 - 20            | 32-737247-4               |
| 112A5A8A32            | 20 - 16            | 32-741157-1               |
| 112A5A8A33            | 20 - 16            | 32-741157-1               |
| 112A5A8A34            | 20 - 17            | 32-724054-1               |
| 112A5A8A35            | 20 - 16            | 32-741157-1               |
| 112A5A8A36            | 20 - 16            | 32-741157-1               |
| 112A5A8A37            | 20 - 17            | 32-724054-1               |
| 112A5A8A38            | 20 - 16            | 32-741157-1               |
| 112A5A8A39            | 20 - 16            | 32-741157-1               |
| 112A5A8A4             | 20 - 17            | 32-724054-1               |
| 112A5A8A40            | 20 - 17            | 32-724054-1               |
| 112A5A8A41            | 20 - 16            | 32-741157-1               |
| 112A5A8A42            | 20 - 22            | 32-728649-1               |
| 112A5A8A46            | 20 - 16            | 32-741157-1               |
| 112A5A8A47            | 20 - 15            | 32-725388-1               |
| 112A5A8A48            | 20 - 17            | 32-724054-1               |
| 112A5A8A49            | 20 - 17            | 32-724054-1               |
| 112A5A8A5             | 20 - 16            | 32-741157-1               |
| 112A5A8A6             | 20 - 16            | 32-741157-1               |
| 112A5A8A7             | 20 - 15            | 32-725388-1               |
| 112A5A8A8             | 20 - 18            | 32-725360-1               |
| 112A5A8A9             | 20 - 16            | 32-741157-1               |

| REFERENCE DESIGNATION | FIG. AND INDEX NO. | MFR PART NUMBER       |
|-----------------------|--------------------|-----------------------|
| 112A5A8FL1            | 20 - 33            | FA7022                |
| 112A5A8J1             | 20 - 32            | VH22/1AN8             |
| 112A5A8J10            | 20 - 32            | VH22/1AN8             |
| 112A5A8J11            | 20 - 32            | VH22/1AN8             |
| 112A5A8J12            | 20 - 32            | VH22/1AN8             |
| 112A5A8J13            | 20 - 32            | VH22/1AN8             |
| 112A5A8J14            | 20 - 32            | VH22/1AN8             |
| 112A5A8J15            | 20 - 32            | VH22/1AN8             |
| 112A5A8J16            | 20 - 32            | VH22/1AN8             |
| 112A5A8J17            | 20 - 32            | VH22/1AN8             |
| 112A5A8J18            | 20 - 32            | VH22/1AN8             |
| 112A5A8J19            | 20 - 32            | VH22/1AN8             |
| 112A5A8J2             | 20 - 32            | VH22/1AN8             |
| 112A5A8J20            | 20 - 32            | VH22/1AN8             |
| 112A5A8J21            | 20 - 32            | VH22/1AN8             |
| 112A5A8J22            | 20 - 32            | VH22/1AN8             |
| 112A5A8J23            | 20 - 32            | VH22/1AN8             |
| 112A5A8J24            | 20 - 32            | VH22/1AN8             |
| 112A5A8J25            | 20 - 32            | VH22/1AN8             |
| 112A5A8J26            | 20 - 32            | VH22/1AN8             |
| 112A5A8J27            | 20 - 32            | VH22/1AN8             |
| 112A5A8J28            | 20 - 32            | VH22/1AN8             |
| 112A5A8J29            | 20 - 32            | VH22/1AN8             |
| 112A5A8J3             | 20 - 32            | VH22/1AN8             |
| 112A5A8J30            | 20 - 32            | VH22/1AN8             |
| 112A5A8J31            | 20 - 32            | VH22/1AN8             |
| 112A5A8J32            | 20 - 32            | VH22/1AN8             |
| 112A5A8J33            | 20 - 32            | VH22/1AN8             |
| 112A5A8J34            | 20 - 32            | VH22/1AN8             |
| 112A5A8J35            | 20 - 32            | VH22/1AN8             |
| 112A5A8J36            | 20 - 32            | VH22/1AN8             |
| 112A5A8J37            | 20 - 32            | VH22/1AN8             |
| 112A5A8J38            | 20 - 32            | VH22/1AN8             |
| 112A5A8J39            | 20 - 32            | VH22/1AN8             |
| 112A5A8J4             | 20 - 32            | VH22/1AN8             |
| 112A5A8J40            | 20 - 32            | VH22/1AN8             |
| 112A5A8J41            | 20 - 32            | VH22/1AN8             |
| 112A5A8J42            | 20 - 32            | VH22/1AN8             |
| 112A5A8J43            | 20 - 32            | VH22/1AN8             |
| 112A5A8J44            | 20 - 32            | VH22/1AN8             |
| 112A5A8J45            | 20 - 32            | VH22/1AN8             |
| 112A5A8J46            | 20 - 32            | VH22/1AN8             |
| 112A5A8J47            | 20 - 32            | VH22/1AN8             |
| 112A5A8J48            | 20 - 32            | VH22/1AN8             |
| 112A5A8J49            | 20 - 32            | VH22/1AN8             |
| 112A5A8J5             | 20 - 32            | VH22/1AN8             |
| 112A5A8J50            | 20 - 32            | VH22/1AN8             |
| 112A5A8J51            | 20 - 34            | PT07SE18-11P          |
| 112A5A8J52            | 20 - 38            | PT07SE22-55P          |
| 112A5A8J53            | 20 - 39            | PT07SE18-32P          |
| 112A5A8J54            | 20 - 40            | PT07SE18-32PW         |
| 112A5A8J6             | 20 - 32            | VH22/1AN8             |
| 112A5A8J7             | 20 - 32            | VH22/1AN8             |
| 112A5A8J8             | 20 - 32            | VH22/1AN8             |
| 112A5A8J9             | 20 - 32            | VH22/1AN8             |
| 112A5A9               | 19 - 3             | 82-724089-1           |
| 141A1                 | 2 - 7              | 2349731G1             |
| 141A1A1               | 3 - 1              | 89-724614-3           |
| 141A1A10              | 3 - 20             | 82-724636-1           |
| 141A1A10B1            | 4 - 3              | 600GMFST4SIMS600-4GMG |
| 141A1A11              | 3 - 19             | SAME AS 102A5A12      |
| 141A1A12              | 3 - 21             | SAME AS 102A5A13      |
| 141A1A13              | 3 - 16             | F-A8947               |
| 141A1A2               | 3 - 2              | A-S8646               |
| 141A1A3               | 3 - 3              | D-A10292              |
| 141A1A4               | 3 - 4              | F-A8734               |
| 141A1A5               | 3 - 6              | F-A8251               |
| 141A1A6               | 3 - 7              | 2470594G1             |
| 141A1A7               | 3 - 5              | 02-728318-1           |
| 141A1A7A1             | 5 - 15             | 640914A3              |
| 141A1A7A1DS1          | 5 - 14             | MS25237-327           |
| 141A1A7A1DS10         | 5 - 14             | MS25237-327           |
| 141A1A7A1DS2          | 5 - 14             | MS25237-327           |
| 141A1A7A1DS3          | 5 - 14             | MS25237-327           |
| 141A1A7A1DS4          | 5 - 14             | MS25237-327           |
| 141A1A7A1DS5          | 5 - 14             | MS25237-327           |

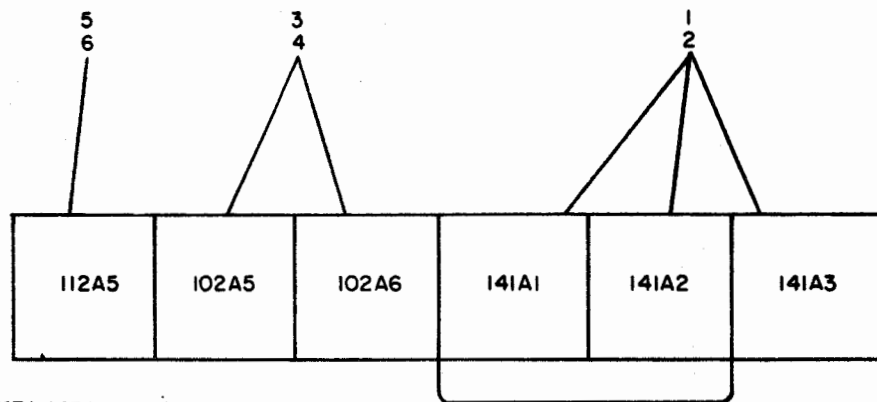


| REFERENCE DESIGNATION | FIG. AND INDEX NO. | MFR PART NUMBER |
|-----------------------|--------------------|-----------------|
| 141A1A7A1DS6          | 5 - 14             | MS25237-327     |
| 141A1A7A1DS7          | 5 - 14             | MS25237-327     |
| 141A1A7A1DS8          | 5 - 14             | MS25237-327     |
| 141A1A7A1DS9          | 5 - 14             | MS25237-327     |
| 141A1A7A2             | 5 - 15             | 640914A3        |
| 141A1A7A2DS1          | 5 - 14             | MS25237-327     |
| 141A1A7A2DS10         | 5 - 14             | MS25237-327     |
| 141A1A7A2DS2          | 5 - 14             | MS25237-327     |
| 141A1A7A2DS3          | 5 - 14             | MS25237-327     |
| 141A1A7A2DS4          | 5 - 14             | MS25237-327     |
| 141A1A7A2DS5          | 5 - 14             | MS25237-327     |
| 141A1A7A2DS6          | 5 - 14             | MS25237-327     |
| 141A1A7A2DS7          | 5 - 14             | MS25237-327     |
| 141A1A7A2DS8          | 5 - 14             | MS25237-327     |
| 141A1A7A2DS9          | 5 - 14             | MS25237-327     |
| 141A1A7DS1            | 5 - 7              | MS25237-327     |
| 141A1A7DS10           | 5 - 7              | MS25237-327     |
| 141A1A7DS11           | 5 - 7              | MS25237-327     |
| 141A1A7DS12           | 5 - 7              | MS25237-327     |
| 141A1A7DS19           | 5 - 22             | 9608            |
| 141A1A7DS2            | 5 - 7              | MS25237-327     |
| 141A1A7DS20           | 5 - 22             | 9608            |
| 141A1A7DS3            | 5 - 7              | MS25237-327     |
| 141A1A7DS4            | 5 - 7              | MS25237-327     |
| 141A1A7DS5            | 5 - 7              | MS25237-327     |
| 141A1A7DS6            | 5 - 7              | MS25237-327     |
| 141A1A7DS7            | 5 - 7              | MS25237-327     |
| 141A1A7DS8            | 5 - 7              | MS25237-327     |
| 141A1A7DS9            | 5 - 7              | MS25237-327     |
| 141A1A7FL1            | 5 - 20             | FA7022          |
| 141A1A7FL2            | 5 - 20             | FA7022          |
| 141A1A7J1             | 5 - 24             | PT07SE18-11P    |
| 141A1A7J2             | 5 - 25             | PT07SE22-55P    |
| 141A1A7R1             | 5 - 21             | RV4NAYS5D501A   |
| 141A1A7S1             | 5 - 6              | 1028-62         |
| 141A1A7S2             | 5 - 6              | 1028-62         |
| 141A1A7S3             | 5 - 6              | 1028-62         |
| 141A1A7S4             | 5 - 6              | 1028-62         |
| 141A1A7S5             | 5 - 9              | 1028-64         |
| 141A1A7S6             | 5 - 8              | 1028-67         |
| 141A1A7XDS1           | 5 - 10             | VM910M66        |
| 141A1A7XDS10          | 5 - 11             | VM910M68        |
| 141A1A7XDS11          | 5 - 11             | VM910M68        |
| 141A1A7XDS12          | 5 - 11             | VM910M68        |
| 141A1A7XDS2           | 5 - 10             | VM910M66        |
| 141A1A7XDS3           | 5 - 10             | VM910M66        |
| 141A1A7XDS4           | 5 - 10             | VM910M66        |
| 141A1A7XDS5           | 5 - 10             | VM910M66        |
| 141A1A7XDS6           | 5 - 10             | VM910M66        |
| 141A1A7XDS7           | 5 - 10             | VM910M66        |
| 141A1A7XDS8           | 5 - 10             | VM910M66        |
| 141A1A7XDS9           | 5 - 11             | VM910M68        |
| 141A1A8               | 3 - 17             | FA8946          |
| 141A1A9               | 3 - 18             | 02-727821-1     |
| 141A1A9A1             | 6 - 17             | 32-726825-1     |
| 141A1A9A2             | 6 - 17             | 32-726825-1     |
| 141A1A9A3             | 6 - 17             | 32-726825-1     |
| 141A1A9A4             | 6 - 17             | 32-726825-1     |
| 141A1A9A5             | 6 - 17             | 32-726825-1     |
| 141A1A9A6             | 6 - 17             | 32-726825-1     |
| 141A1A9A7             | 6 - 18             | 32-724053-1     |

| REFERENCE DESIGNATION | FIG. AND INDEX NO. | MFR PART NUMBER      |
|-----------------------|--------------------|----------------------|
| 141A1A9A8             | 6 - 18             | 32-724053-1          |
| 141A1A9A9             | 6 - 18             | 32-724053-1          |
| 141A1A9FL1            | 6 - 13             | FA7022               |
| 141A1A9F1             | 6 - 3              | MS90078-27           |
| 141A1A9J1             | 6 - 15             | VH22/1AN8            |
| 141A1A9J11            | 6 - 19             | PT07SE22-55P         |
| 141A1A9J12            | 6 - 20             | PT07SE18-11P         |
| 141A1A9J13            | 6 - 21             | PT07SE22-55S         |
| 141A1A9J14            | 6 - 22             | PT07SE18-32S         |
| 141A1A9J2             | 6 - 15             | VH22/1AN8            |
| 141A1A9J3             | 6 - 15             | VH22/1AN8            |
| 141A1A9J4             | 6 - 15             | VH22/1AN8            |
| 141A1A9J5             | 6 - 15             | VH22/1AN8            |
| 141A1A9J6             | 6 - 15             | VH22/1AN8            |
| 141A1A9J7             | 6 - 15             | VH22/1AN8            |
| 141A1A9J8             | 6 - 15             | VH22/1AN8            |
| 141A1A9J9             | 6 - 15             | VH22/1AN8            |
| 141A1A9TB12           | 6 - 12             | 600GMFST8IMS600-8GMG |
| 141A1A9XF1            | 6 - 4              | HKT                  |
| 141A2                 | 2 - 8              | 02-737116            |
| 141A3                 | 2 - 9              | 2349732G1            |
| 141A3A1               | 9 - 1              | SAME AS 102A5A1      |
| 141A3A2               | 9 - 2              | 82-724571-1          |
| 141A3A3               | 9 - 3              | 2470595G1            |
| 141A3A4               | 9 - 4              | 02-728316-1          |
| 141A3A4DS1            | 11 - 4             | MS25237-327          |
| 141A3A4DS2            | 11 - 4             | MS25237-327          |
| 141A3A4DS3            | 11 - 4             | MS25237-327          |
| 141A3A4DS4            | 11 - 4             | MS25237-327          |
| 141A3A4DS5            | 11 - 4             | MS25237-327          |
| 141A3A4DS6            | 11 - 4             | MS25237-327          |
| 141A3A4DS7            | 11 - 4             | MS25237-327          |
| 141A3A4DS8            | 11 - 4             | MS25237-327          |
| 141A3A4DS9            | 11 - 4             | MS25237-327          |
| 141A3A4FL1            | 11 - 11            | FA7022               |
| 141A3A4FL2            | 11 - 11            | FA7022               |
| 141A3A4J1             | 11 - 15            | PT07SE18-11P         |
| 141A3A4J2             | 11 - 16            | PT07SE18-32S         |
| 141A3A4R1             | 11 - 12            | RC20GF221J           |
| 141A3A4S1             | 11 - 8             | 2PB12T2              |
| 141A3A4S2             | 11 - 7             | 1028-68              |
| 141A3A4S3             | 11 - 7             | 1028-68              |
| 141A3A4S4             | 11 - 7             | 1028-68              |
| 141A3A4S5             | 11 - 7             | 1028-68              |
| 141A3A4S6             | 11 - 7             | 1028-68              |
| 141A3A4XDS1           | 11 - 5             | VM910M66             |
| 141A3A4XDS2           | 11 - 5             | VM910M66             |
| 141A3A4XDS3           | 11 - 5             | VM910M66             |
| 141A3A4XDS4           | 11 - 5             | VM910M66             |
| 141A3A4XDS5           | 11 - 5             | VM910M66             |
| 141A3A4XDS6           | 11 - 6             | VM910M68             |
| 141A3A4XDS7           | 11 - 6             | VM910M68             |
| 141A3A4XDS8           | 11 - 6             | VM910M68             |
| 141A3A4XDS9           | 11 - 6             | VM910M68             |
| 141A3A5               | 9 - 5              | KSR-285              |
| 141A3A6               | 9 - 15             | 82-724090-1          |
| 141A3A7               | 9 - 16             | 91920062             |
| 141A3A8               | 9 - 17             | 2470102G1            |
| 141A3A9               | 9 - 18             | SAME AS 102A5A13     |
| 141A4                 | 2 - 1              | 84-802927-7          |



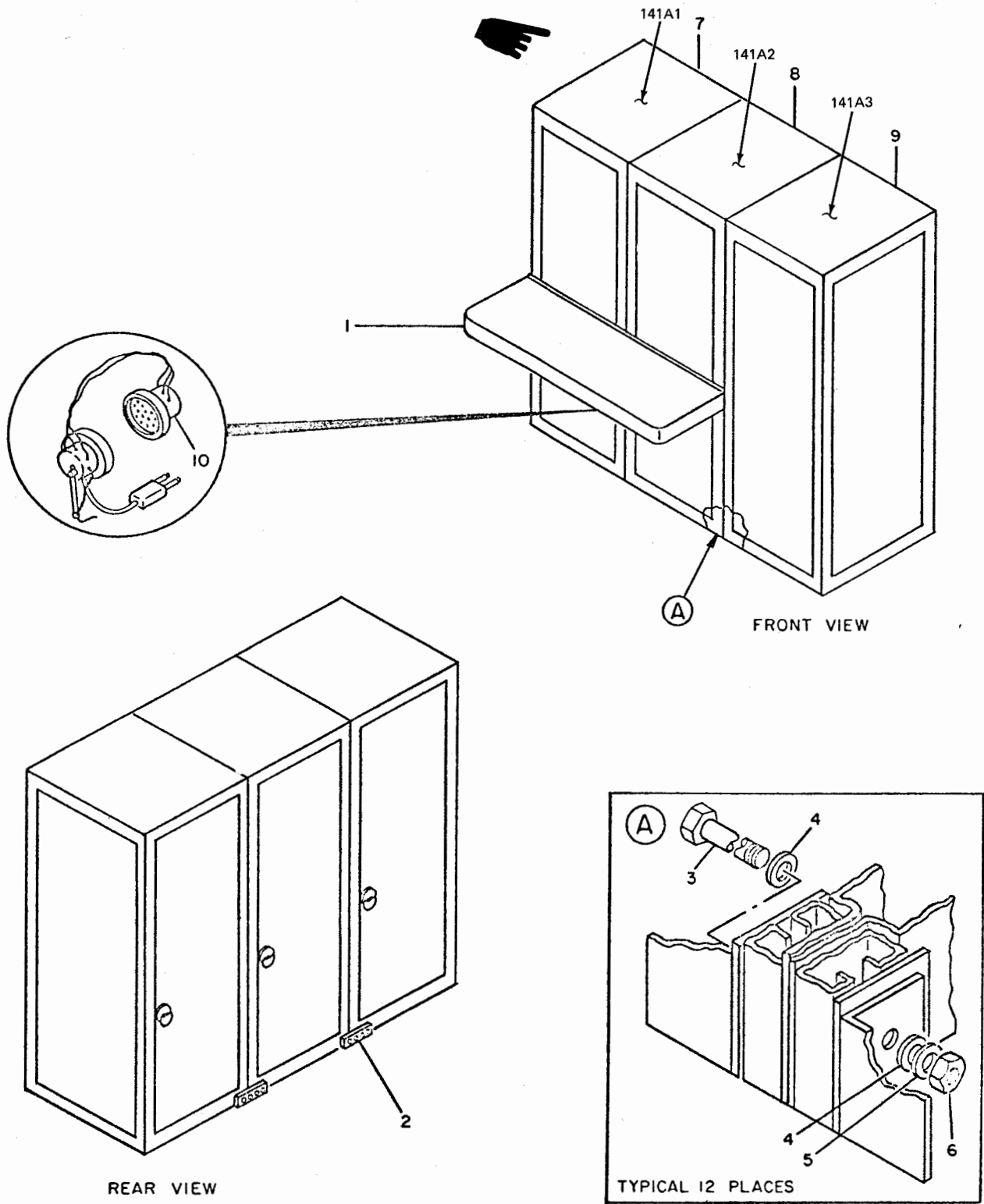
## SECTION IV GROUP ASSEMBLY PARTS LIST



31R1-2GRA98-4-1

Figure 1. Communication Control Group AN/GRA-98

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |
|--------------------|-----------------|---|----------|----------------|----------------|
|                    |                 |   |          |                |                |
| 1 -                | 2471098G1       | COMMUNICATION CONTROL GROUP AN/GRA-98                 |          | 1              |                |
| - 1                | 2472460-20      | . PLATE, UNIT DESIGNATION                             |          | 1              |                |
|                    | 2472460-21      | . PLATE, UNIT DESIGNATION                             |          | 1              |                |
|                    | 2472460-22      | . PLATE, UNIT DESIGNATION                             |          | 1              |                |
| - 2                | NO NUMBER       | . SERVICER CONSOLE, DIRECTION FINDING<br>SEE FIG. 2   |          | 1              |                |
| - 3                | 2472460-1       | . PLATE, UNIT DESIGNATION                             |          | 1              |                |
|                    | 2472460-2       | . PLATE, UNIT DESIGNATION                             |          | 1              |                |
| - 4                | NO NUMBER       | . ACCESSORY CONSOLE, DIRECTION FINDING<br>SEE FIG. 12 |          | 1              |                |
| - 5                | 2470460-13      | . PLATE, UNIT DESIGNATION                             |          | 1              |                |
| - 6                | 2349737G3       | . COMMUNICATION CONTROL GROUP SEE FIG. 19             |          | 1              |                |



REAR VIEW  
31R1-2GRA98-4-2

Figure 2. Direction Finding Servicer Console

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-----------------|---|----------|----------------|----------------|---|---|---|
|                    |                 |   |          |                |                | 1 | 2 | 3 |
| 2 -                | NO NUMBER       | . SERVICER CONSOLE, DIRECTION FINDING FOR<br>NMA SEE FIG. 1-2     |          |                |                |   |   |   |
| - 1                | 84-802927-7     | . . DESK, WRITING, TWO-BAY<br>ATTACHING PARTS                     |          | 1              |                |   |   |   |
|                    | MS35307-306     | . . SCREW   |          | 8              |                |   |   |   |
|                    | MS35338-139     | . . WASHER  |          | 8              |                |   |   |   |
|                    | MS15795-810     | . . WASHER  |          | 8              |                |   |   |   |
| - 2                | 83-724613-1     | . . PLATE, SPLICE, GROUNDING<br>ATTACHING PARTS                   |          | 2              |                |   |   |   |
|                    | MS35309-303     | . . SCREW   |          | 4              |                |   |   |   |
|                    | MS35338-101     | . . WASHER  |          | 4              |                |   |   |   |
|                    | MS15795-910     | . . WASHER  |          | 4              |                |   |   |   |
| - 3                | MS35307-344     | . . SCREW   |          | 12             |                |   |   |   |
| - 4                | MS15795-812     | . . WASHER  |          | 24             |                |   |   |   |
| - 5                | MS35338-140     | . . WASHER  |          | 12             |                |   |   |   |
| - 6                | MS51971-2       | . . NUT   |          | 12             |                |   |   |   |
| - 7                | 2349731G1       | . . DIRECTION FINDER GROUP SEE FIG. 3                             |          | 1              |                |   |   |   |
| - 8                | 02-737116       | . . CONTROL-INDICATOR GROUP SEE NAVSHIPS<br>95794 VOL 6 SECTION 7 |          | 1              |                |   |   |   |
| - 9                | 2349732G1       | . . CONTROL-POWER SUPPLY GROUP SEE FIG. 9                         |          | 1              |                |   |   |   |
| - 10               | 105560          | . . HEADSET-MICROPHONE PER 07397 DWG SPEC<br>12-802390-1          | 82872    | 1              |                |   |   |   |

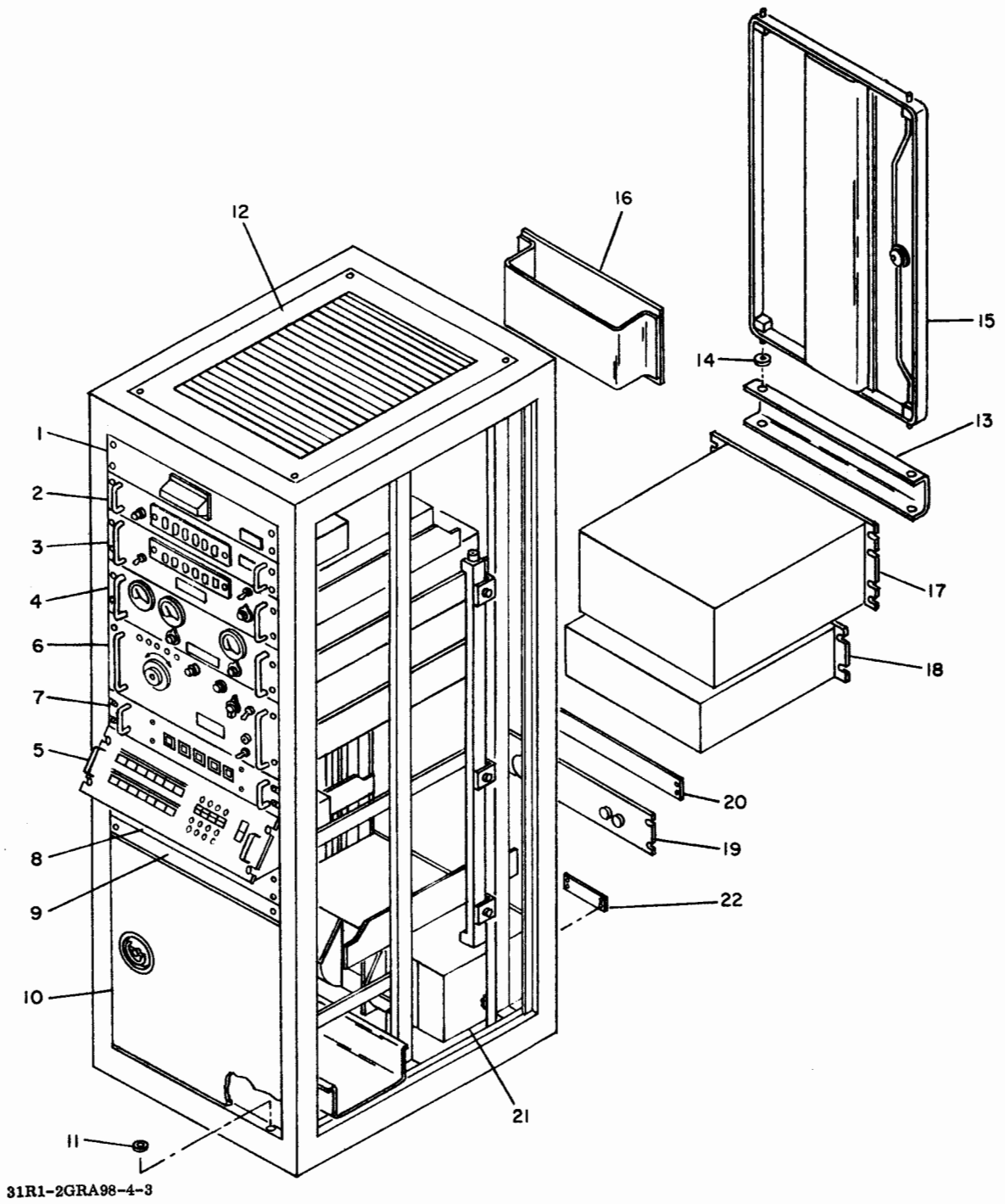
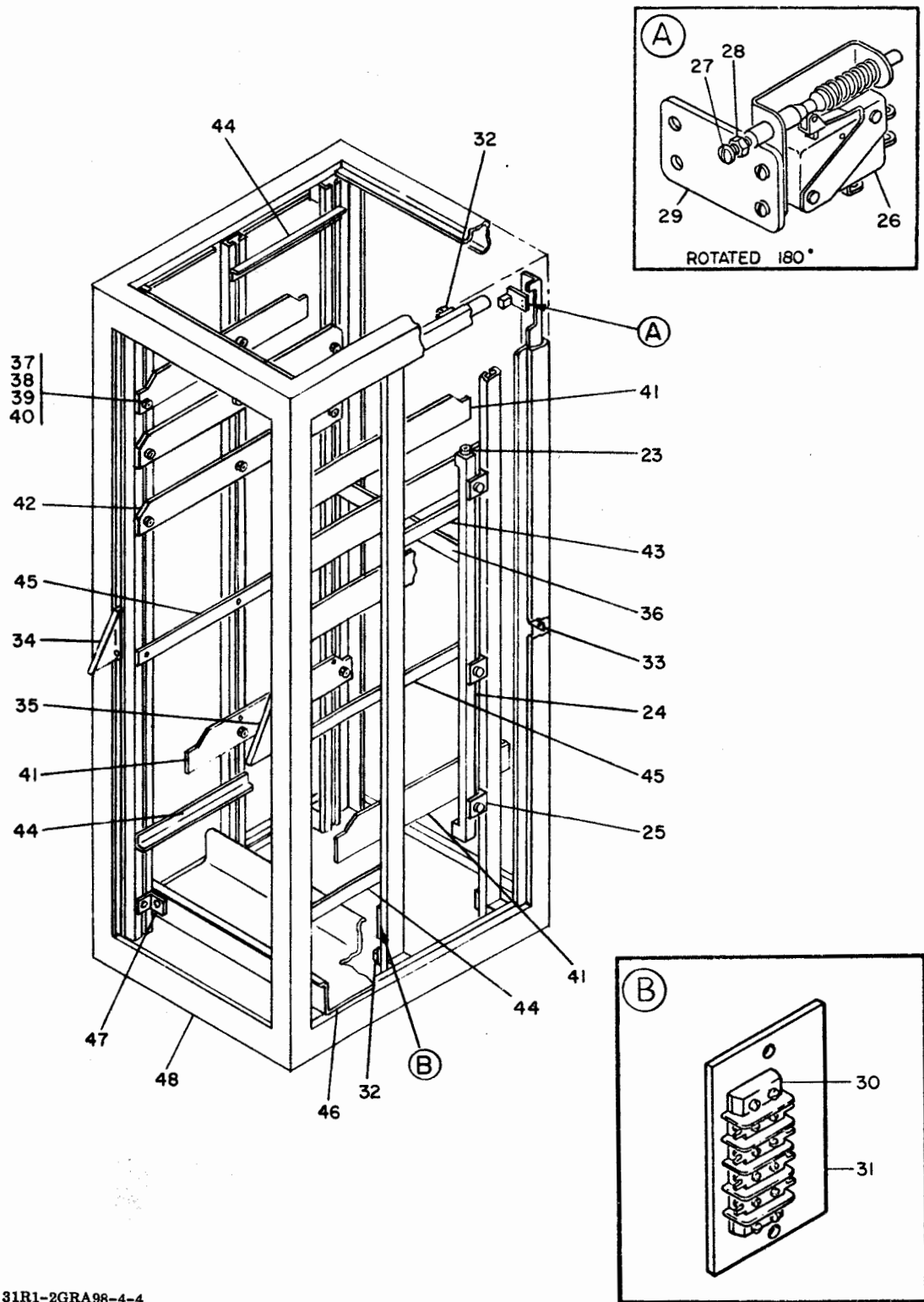


Figure 3. Direction Finding Group OA-8322/GRA-98 (Sheet 1 of 2)



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Figure 3. Direction Finding Group OA-8322/GRA-98 (Sheet 2 of 2)

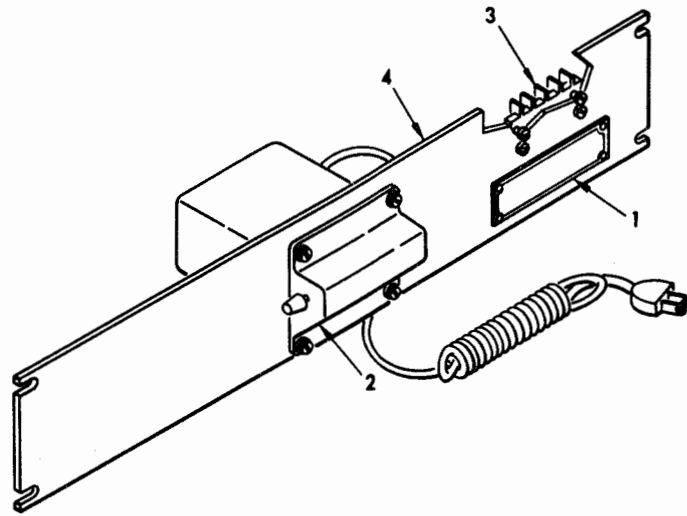
| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-----------------|---|----------|----------------|----------------|---|---|---|
|                    |                 |   |          |                |                | 1 | 2 | 3 |
| 3 -                | 2349731G1       | . . . DIRECTION FINDER GROUP OA-8322/GRA-98<br>FOR NHA SEE FIG. 2-7   |          | REF            |                |   |   |   |
| - 1                | 89-724614-3     | . . . CLOCK, DIRECT READING TD-702/FLR-9/V/<br>SEE FIG. 4   |          | 1              |                |   |   |   |
| - 2                | A-S8646         | . . . INDICATOR, DIGITAL DISPLAY ID-1230/FRR-68<br>SEE T.O. 31R2-2FRR68-4 NAVSHIPS 95744<br>TECHNICAL MANUAL DIRECTION FINDER SET<br>AN/FRD-10A/V/ VOLUME 6 SECTION 7 |          | 1              |                |   |   |   |
| - 3                | D-A10292        | . . . COUNTER, FREQUENCY FR-169/FRR-68 SEE<br>T.O. 31R2-2FRR68-4  |          | 1              |                |   |   |   |
| - 4                | F-A8734         | . . . AMPLIFIER DETECTOR AM-4129/FRR-68 FOR<br>BREAKDOWN SEE T.O. 31R2-2FRR68-4   |          | 1              |                |   |   |   |
| - 5                | 02-728318-1     | . . . CONTROL-INDICATOR C-6643/FLR-9/V/ SEE FIG. 5<br>ATTACHING PARTS   |          | 1              |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 20             |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 20             |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397 DWG<br>SPEC 70-801753-2   | 95987    | 20             |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 6                | F-A8251         | . . . AMPLIFIER CONVERTER AM-4128/FRR-68 FOR<br>BREAKDOWN SEE T.O. 31R2-2FRR68-4<br>ATTACHING PARTS   |          | 1              |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 8              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 8              |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397 DWG<br>SPEC 70-801753-2   | 95987    | 8              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 7                | 2470594G1       | . . . BEARING RETURN C-7331/GRA FOR BREAKDOWN<br>SEE T.O. 31R1-2GRA-102<br>ATTACHING PARTS  |          | 1              |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 2              |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397 DWG<br>SPEC 70-801753-2   | 95987    | 2              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 8                | 01-801600-111   | . . . PANEL, MOUNTING, WRITING DESK<br>ATTACHING PARTS  |          | 1              |                |   |   |   |
|                    | MS51960-65      | . . . SCREW   |          | 4              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 9                | 01-801600-135   | . . . PANEL, LOWER, WRITING DESK<br>ATTACHING PARTS   |          | 1              |                |   |   |   |
|                    | MS51960-66      | . . . SCREW   |          | 2              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 10               | 01-801600-30    | . . . DOOR, CABINET   |          | 1              |                |   |   |   |
| - 11               | AN960B416       | . . . WASHER  |          | 1              |                |   |   |   |
| - 12               | 2471055G1       | . . . TOP CAP, CABINET<br>ATTACHING PARTS   |          | 1              |                |   |   |   |
|                    | MS51960-69      | . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35650-304     | . . . NUT   |          | 4              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 13               | 01-801600-66    | . . . BAR, DIVIDER<br>ATTACHING PARTS   |          | 1              |                |   |   |   |
|                    | MS51960-69      | . . . SCREW   |          | 4              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 14               | AN960B416       | . . . WASHER  |          | 1              |                |   |   |   |
| - 15               | 01-801600-35    | . . . DOOR, CABINET   |          | 1              |                |   |   |   |
| - 16               | F-A8947         | . . . PANEL-SIGNAL DISTRIBUTION SB-2296/FRR68<br>SEE T.O. 31R2-2FRR68-4<br>ATTACHING PARTS  |          | 1              |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 4              |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397 DWG<br>SPEC 70-801753-2   | 95987    | 4              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 17               | F-A8946         | . . . POWER SUPPLY, PP-4140/FRR-68 FOR<br>BREAKDOWN SEE T.O. 31R2-2FRR68-4<br>ATTACHING PARTS   |          | 1              |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 8              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 8              |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397 DWG<br>SPEC 70-801753-2   | 95987    | 8              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 18               | 02-727821-1     | . . . DIGITAL TO DIGITAL CONVERTER<br>CV-1831/FLR-9/V/ SEE FIG. 6   |          | 1              |                |   |   |   |

| FIG. AND INDEX NO. | MFR PART NUMBER   | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-------------------|---|----------|----------------|----------------|---|---|---|
|                    |                   |   |          |                |                | 1 | 2 | 3 |
| 3 - 19             | 89-724729-3       | . . . METER, TIME TOTALIZING<br>ME-271/FLR-9/V/ SEE FIG. 7            |          | 1              |                |   |   |   |
|                    |                   | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-64        | . . . SCREW   |          | 8              |                |   |   |   |
|                    | MS15795-808       | . . . WASHER  |          | 8              |                |   |   |   |
|                    | NW10-4374         | . . . WASHER, NONMETALLIC PER 07397 DWG<br>SPEC 70-801753-2           | 95987    | 8              |                |   |   |   |
| - 20               | 82-724636-1       | . . . PANEL, BLANK  |          | 1              |                |   |   |   |
|                    |                   | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-64        | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS15795-808       | . . . WASHER  |          | 2              |                |   |   |   |
|                    | NW10-4374         | . . . WASHER, NONMETALLIC PER 07397 DWG<br>SPEC 70-801753-2           | 95987    | 2              |                |   |   |   |
| - 21               | 02-724633-1       | . . . COOLER, AIR, ELECTRONIC EQUIPMENT<br>HD-591/FLR-9/V/ SEE FIG. 8 |          | 1              |                |   |   |   |
|                    |                   | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-64        | . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS35338-138       | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS15795-808       | . . . WASHER  |          | 4              |                |   |   |   |
| - 22               | 2471070G3         | . . . PLATE, IDENTIFICATION   |          | 1              |                |   |   |   |
|                    |                   | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS21318-8         | . . . SCREW   |          | 4              |                |   |   |   |
| - 23               | 254               | . . . CONNECTOR, ARMORED CABLE PER 07397<br>DWG SPEC 70-801870-1      | 59730    | 1              |                |   |   |   |
| - 24               | 20GB303           | . . . STRIP, AC DISTRIBUTION PER 07397 DWG<br>SPEC 70-802104-2        | 79725    | 1              |                |   |   |   |
|                    |                   | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-63        | . . . SCREW   |          | 3              |                |   |   |   |
|                    | MS15795-808       | . . . WASHER  |          | 6              |                |   |   |   |
|                    | MS35338-138       | . . . WASHER  |          | 3              |                |   |   |   |
|                    | MS35650-304       | . . . NUT   |          | 3              |                |   |   |   |
| - 25               | 81-727727-1       | . . . BRACKET, DOUBLE ANGLE   |          | 3              |                |   |   |   |
|                    |                   | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS35307-307       | . . . SCREW   |          | 3              |                |   |   |   |
|                    | MS15795-810       | . . . WASHER  |          | 3              |                |   |   |   |
|                    | MS35338-139       | . . . WASHER  |          | 3              |                |   |   |   |
|                    | P4006-1420        | . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-3            | 96195    | 3              |                |   |   |   |
|                    | 89-725815-1       | . . . SWITCH, SET, SENSITIVE  |          | 2              |                |   |   |   |
|                    |                   | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-61        | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS35338-138       | . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS15795-808       | . . . WASHER  |          | 2              |                |   |   |   |
| - 26               | MS16106-1         | . . . SWITCH, SENSITIVE   |          | 1              |                |   |   |   |
|                    |                   | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-27        | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS15795-805       | . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS35338-136       | . . . WASHER  |          | 2              |                |   |   |   |
| - 27               | MS51957-33        | . . . SCREW   |          | 1              |                |   |   |   |
| - 28               | MS35649-264       | . . . NUT   |          | 1              |                |   |   |   |
| - 29               | 82-724619-1       | . . . PLATE, MOUNTING, SWITCH   |          | 1              |                |   |   |   |
|                    | 89-726236-1       | . . . TERMINAL BOARD ASSY, AIR SWITCH                                 |          | 1              |                |   |   |   |
|                    |                   | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-48        | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS15795-807       | . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS35338-137       | . . . WASHER  |          | 2              |                |   |   |   |
|                    | P4006-0832        | . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-1            | 96195    | 2              |                |   |   |   |
| - 30               | 600MFST4SIMS600-4 | . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-14               | 75382    | 1              |                |   |   |   |
|                    | GMG               | . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-14               | 00629    | REF            |                |   |   |   |
|                    | 4-14MMUUSMS14-4   | . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-14               | 88223    | REF            |                |   |   |   |
|                    | 740-4-06-00613    | . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-14               |          |                |                |   |   |   |
|                    |                   | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51959-31        | . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS15795-808       | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35338-136       | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35649-264       | . . . NUT   |          | 4              |                |   |   |   |

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION  | MFR CODE | UNITS PER ASSY | USABLE  |
|--------------------|-----------------|--|----------|----------------|---------|
|                    |                 |  |          |                | ON CODE |
|                    |                 | 1 2 3 4 5 6 7 8 9  |          |                |         |
| 3 - 31             | 82-726233-1     | . . . . BRACKET, TERMINAL BOARD                              |          | 1              |         |
| - 32               | LSC2            | . . . . CLAMP, CABLE PER 07397 DWG SPEC<br>70-801797-1       | 06383    | 7              |         |
|                    |                 | ATTACHING PARTS  |          |                |         |
|                    | MS51957-48      | . . . . SCREW  |          | 6              |         |
|                    | MS15795-807     | . . . . WASHER   |          | 6              |         |
|                    | MS35338-137     | . . . . WASHER   |          | 6              |         |
|                    | 81-726392-1     | . . . . WASHER, SQUARE                                       |          | 6              |         |
|                    | P4006-0832      | . . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-1 | 96195    | 6              |         |
|                    |                 | - - - * - - -  |          |                |         |
| - 33               | LSC2            | . . . . CLAMP, CABLE PER 07397 DWG SPEC<br>70-801797-1       | 06383    | 8              |         |
|                    |                 | ATTACHING PARTS  |          |                |         |
|                    | MS51958-61      | . . . . SCREW  |          | 8              |         |
|                    | MS35338-138     | . . . . WASHER   |          | 8              |         |
|                    | MS15795-808     | . . . . WASHER   |          | 8              |         |
|                    |                 | - - - * - - -  |          |                |         |
| - 34               | 82-727689-1     | . . . . BRACKET, SUPPORT                                     |          | 1              |         |
| - 35               | 82-727689-2     | . . . . BRACKET, SUPPORT                                     |          | 1              |         |
|                    |                 | ATTACHING PARTS  |          |                |         |
|                    | MS51958-63      | . . . . SCREW  |          | 4              |         |
|                    | MS35338-138     | . . . . WASHER   |          | 4              |         |
|                    | MS15795-808     | . . . . WASHER   |          | 4              |         |
|                    |                 | - - - * - - -  |          |                |         |
| - 36               | 81-728119-1     | . . . . BRACKET, CABLE SUPPORT                               |          | 2              |         |
|                    |                 | ATTACHING PARTS  |          |                |         |
|                    | MS35307-307     | . . . . SCREW  |          | 4              |         |
|                    | MS15795-810     | . . . . WASHER   |          | 4              |         |
|                    | MS35338-139     | . . . . WASHER   |          | 4              |         |
|                    | 81-726392-2     | . . . . WASHER, SQUARE                                       |          | 4              |         |
|                    | P4006-1420      | . . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-3 | 96195    | 4              |         |
|                    |                 | - - - * - - -  |          |                |         |
| - 37               | MS51959-31      | . . . . SCREW  |          | 40             |         |
| - 38               | MS15795-805     | . . . . WASHER   |          | 40             |         |
| - 39               | MS35338-136     | . . . . WASHER   |          | 40             |         |
| - 40               | MS35649-264     | . . . . NUT  |          | 40             |         |
| - 41               | 81-727636-1     | . . . . PLATE, MOUNTING, CHASSIS SLIDE                       |          | 4              |         |
|                    |                 | ATTACHING PARTS  |          |                |         |
|                    | MS35307-307     | . . . . SCREW  |          | 8              |         |
|                    | MS15795-810     | . . . . WASHER   |          | 8              |         |
|                    | MS35338-139     | . . . . WASHER   |          | 8              |         |
|                    | P4006-1420      | . . . . NUT, GANG, CHANNEL PER 77397 DWG SPEC<br>70-801745-3 | 96195    | 8              |         |
|                    |                 | - - - * - - -  |          |                |         |
| - 42               | 2349747G1       | . . . . PLATE, MOUNTING, CHASSIS SLIDE                       |          | 4              |         |
|                    |                 | ATTACHING PARTS  |          |                |         |
|                    | MS35307-307     | . . . . SCREW  |          | 12             |         |
|                    | MS15795-810     | . . . . WASHER   |          | 12             |         |
|                    | MS35338-139     | . . . . WASHER   |          | 12             |         |
|                    | P4006-1420      | . . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-3 | 96195    | 12             |         |
|                    |                 | - - - * - - -  |          |                |         |
| - 43               | 81-728084-1     | . . . . BRACKET, CABLE RETAINER                              |          | 3              |         |
| - 44               | 82-726403-2     | . . . . SUPPORT, CABLE                                       |          | 4              |         |
|                    |                 | ATTACHING PARTS  |          |                |         |
|                    | MS51957-48      | . . . . SCREW  |          | 14             |         |
|                    | MS15795-807     | . . . . WASHER   |          | 14             |         |
|                    | MS35338-138     | . . . . WASHER   |          | 14             |         |
|                    | P4006-0832      | . . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-1 | 96195    | 14             |         |
|                    |                 | - - - * - - -  |          |                |         |
| - 45               | 81-728084-3     | . . . . BRACKET, CABLE RETAINER                              |          | 2              |         |
|                    |                 | ATTACHING PARTS  |          |                |         |
|                    | MS51957-48      | . . . . SCREW  |          | 6              |         |
|                    | MS15795-807     | . . . . WASHER   |          | 6              |         |
|                    | MS35338-137     | . . . . WASHER   |          | 6              |         |
|                    | P4006-0832      | . . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-1 | 96195    | 6              |         |
|                    |                 | - - - * - - -  |          |                |         |
| - 46               | 81-727786-3     | . . . . RACK, CABLE, INTERIOR                                |          | 1              |         |
|                    |                 | ATTACHING PARTS  |          |                |         |
|                    | MS51958-64      | . . . . SCREW  |          | 2              |         |
|                    | MS15795-808     | . . . . WASHER   |          | 2              |         |
|                    | MS35338-138     | . . . . WASHER   |          | 2              |         |
|                    | MS35650-304     | . . . . NUT  |          | 2              |         |
|                    |                 | - - - * - - -  |          |                |         |



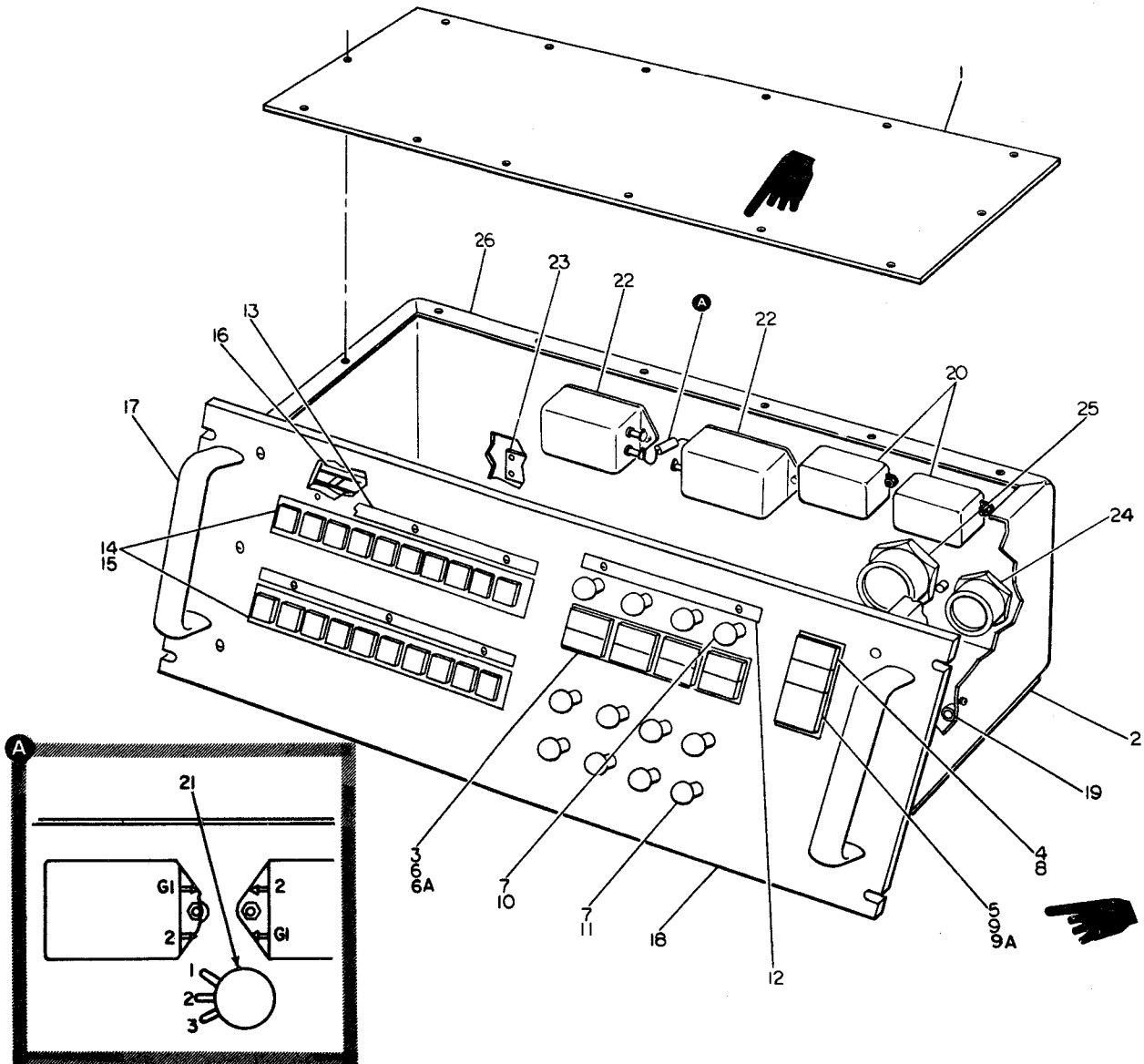
| FIG. AND<br>INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR<br>CODE | UNITS<br>PER<br>ASSY | USABLE<br>ON<br>CODE |
|-----------------------|-----------------|---|-------------|----------------------|----------------------|
|                       |                 |   |             |                      |                      |
| 3 - 47                | 82-727787-1     | . . . BRACKET, ANGLE  |             | 2                    |                      |
|                       |                 | ATTACHING PARTS   |             |                      |                      |
|                       | MS35307-307     | . . . SCREW   |             | 2                    |                      |
|                       | MS15795-810     | . . . WASHER  |             | 2                    |                      |
|                       | MS35338-139     | . . . WASHER  |             | 2                    |                      |
|                       | P4006-1420      | . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-3<br>- - - * - - - | 96195       | 2                    |                      |
| - 48                  | 2471054G1       | . . . CABINET, ELECTRICAL EQUIPMENT   |             | 1                    |                      |



31R1-2GRA98-4-5

Figure 4. Direct Reading Clock TD-702/FLR-9(V)

| FIG. AND INDEX NO. | MFR PART NUMBER    | DESCRIPTION   |                                |   |   |   |   |   |   |   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |
|--------------------|--------------------|---|--------------------------------|---|---|---|---|---|---|---|----------|----------------|----------------|
|                    |                    | 1   | 2                              | 3 | 4 | 5 | 6 | 7 | 8 | 9 |          |                |                |
| 4 -                | 89-724614-3        | . . . CLOCK, DIRECT READING TD-702/FLR-9/V/<br>FOR NHA SEE FIG. 3-1 |                                |   |   |   |   |   |   |   |          | REF            |                |
| - 1                | 74-725900-439      | . . . PLATE, IDENTIFICATION   |                                |   |   |   |   |   |   |   |          | 1              |                |
|                    | MS21318-8          | . . . ATTACHING PARTS   |                                |   |   |   |   |   |   |   |          | 4              |                |
|                    |                    | . . . SCREW   |                                |   |   |   |   |   |   |   |          | 4              |                |
|                    |                    | - - - * - - -   |                                |   |   |   |   |   |   |   |          |                |                |
| - 2                | 4216-10            | . . . CLOCK, DIRECT READING PER 07397<br>DWG SPEC 25-801830-2       |                                |   |   |   |   |   |   |   | 02005    | 1              |                |
|                    |                    | . . . ATTACHING PARTS   |                                |   |   |   |   |   |   |   |          |                |                |
|                    | MS51957-31         | . . . SCREW   |                                |   |   |   |   |   |   |   |          | 4              |                |
|                    | MS15795-805        | . . . WASHER  |                                |   |   |   |   |   |   |   |          | 4              |                |
|                    | NAS1021C06         | . . . NUT   |                                |   |   |   |   |   |   |   |          | 4              |                |
|                    |                    | - - - * - - -   |                                |   |   |   |   |   |   |   |          |                |                |
| - 3                | 600GMFST4SIMS600-4 | . . . TERMINAL BOARD PER 07397 DWG SPEC                             |                                |   |   |   |   |   |   |   | 75382    | 1              |                |
|                    | GMG                | 73-801825-14  |                                |   |   |   |   |   |   |   |          |                |                |
|                    | 4-14MMUUSMS14-4    | □   | . . . TERMINAL BOARD PER 07397 |   |   |   |   |   |   |   | 00629    | REF            |                |
|                    |                    |   | DWG SPEC 73-801825-14          |   |   |   |   |   |   |   |          |                |                |
|                    | 740-4-06-00613     | □   | . . . TERMINAL BOARD PER 07397 |   |   |   |   |   |   |   | 88223    | REF            |                |
|                    |                    |   | DWG SPEC 73-801825-14          |   |   |   |   |   |   |   |          |                |                |
|                    |                    | . . . ATTACHING PARTS   |                                |   |   |   |   |   |   |   |          |                |                |
|                    | MS51957-19         | . . . SCREW   |                                |   |   |   |   |   |   |   |          | 4              |                |
|                    | MS15795-803        | . . . WASHER  |                                |   |   |   |   |   |   |   |          | 4              |                |
|                    | NAS1021004         | . . . NUT   |                                |   |   |   |   |   |   |   |          | 4              |                |
|                    |                    | - - - * - - -   |                                |   |   |   |   |   |   |   |          |                |                |
| - 4                | 82-724615-1        | . . . PANEL, BLANK  |                                |   |   |   |   |   |   |   |          | 1              |                |

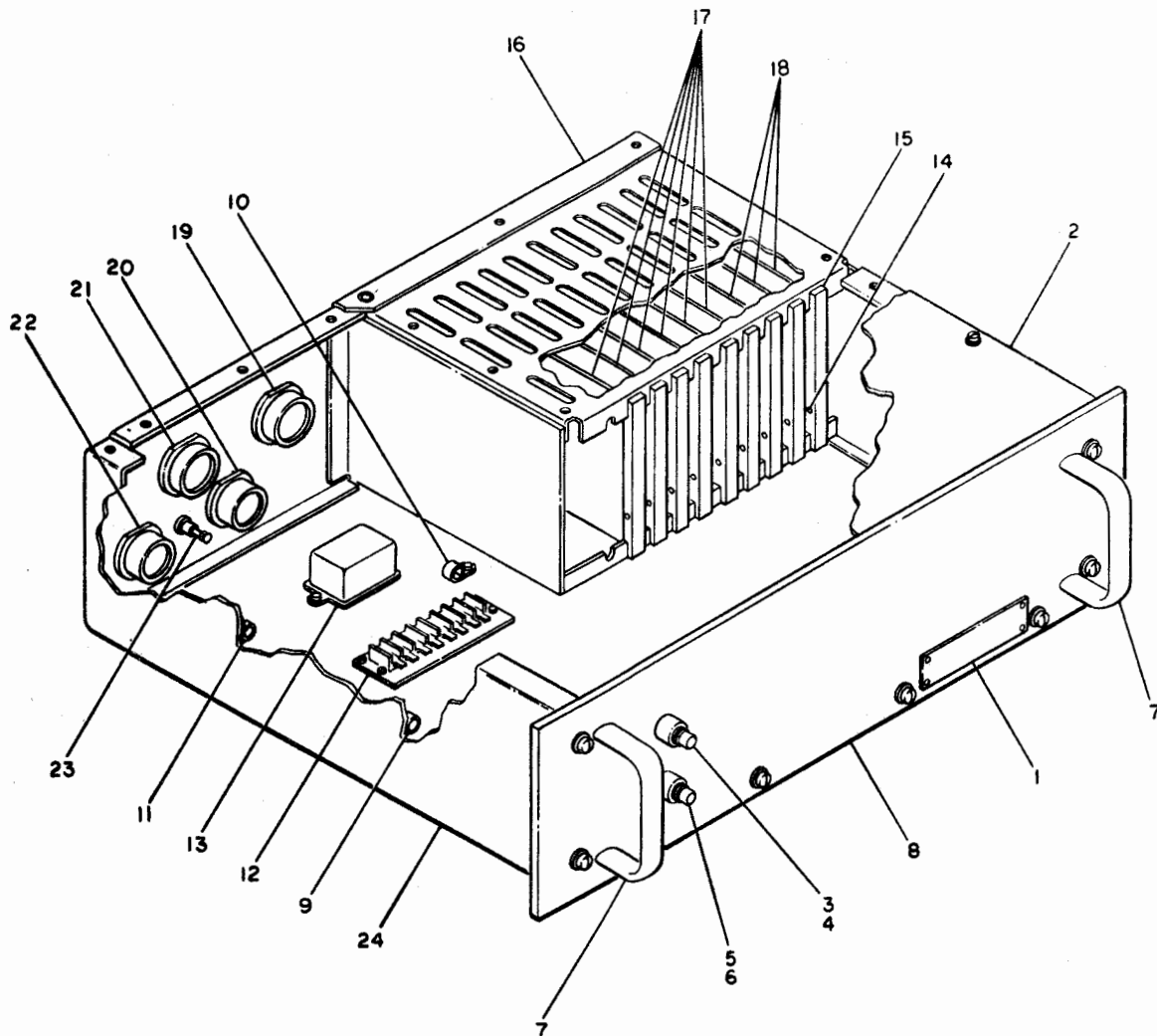


31R1-2GRA98-4-6

Figure 5. Control-Indicator C-6643/FLR-9(V)

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-----------------|--|----------|----------------|----------------|---|---|---|
|                    |                 |  |          |                |                | 1 | 2 | 3 |
| 5 -                | 02-728318-1     | . . . CONTROL-INDICATOR C-6643/FLR-9/V/<br>FOR NAH SEE FIG. 3-5                    |          |                | REF            |   |   |   |
| - 1                | 82-728696-1     | . . . COVER, TOP   |          |                | 1              |   |   |   |
| - 2                | 82-728697-1     | . . . COVER, BOTTOM  |          |                | 1              |   |   |   |
|                    | 12S1-12-18B     | ATTACHING PARTS<br>. . . FASTENER, POSITIVE LOCK PER 07397<br>DWG SPEC 70-802396-1 | 71286    | 30             |                |   |   |   |
|                    | 5S3-2           | . . . FASTENER, POSITIVE LOCK PER 07397<br>DWG SPEC 70-802396-3                    | 71286    | 30             |                |   |   |   |
|                    |                 | - - - * - - -  |          |                |                |   |   |   |
| - 3                | 86-724576-151   | . . . LENS, INDICATOR LIGHT  |          |                | 4              |   |   |   |
| - 4                | 86-724576-152   | . . . LENS, INDICATOR LIGHT  |          |                | 1              |   |   |   |
| - 5                | 86-724576-157   | . . . LENS, INDICATOR LIGHT  |          |                | 1              |   |   |   |
| - 6                | 1028-62         | . . . LIGHT-SWITCH PER 07397 DWG SPEC<br>02-801741-62                              | 96182    | 4              |                |   |   |   |
| - 6A               | RC07GF102J      | . . . RESISTOR   |          |                | 4              |   |   |   |
| - 7                | MS25237-327     | . . . LAMP, INCANDESCENT   |          |                | 12             |   |   |   |
| - 8                | 1028-67         | . . . LIGHT-SWITCH PER 07397 DWG SPEC<br>02-801741-67                              | 96182    | 1              |                |   |   |   |
| - 9                | 1028-64         | . . . LIGHT-SWITCH PER 07397 DWG SPEC<br>02-801741-64                              | 96182    | 1              |                |   |   |   |
| - 9A               | RC07GF102J      | . . . RESISTOR   |          |                | 1              |   |   |   |
| - 10               | VM910M66        | . . . LIGHT, INDICATOR PER 07397 DWG SPEC<br>33-801856-1                           | 72619    | 8              |                |   |   |   |
|                    | VM910M66        | □ . . . LIGHT, INDICATOR PER 07397 DWG SPEC<br>33-801856-1                         | 87034    | REF            |                |   |   |   |
| - 11               | VM910M68        | . . . LIGHT, INDICATOR PER 07397 DWG SPEC<br>33-801856-3                           | 72619    | 4              |                |   |   |   |
|                    | VM910M68        | □ . . . LIGHT, INDICATOR PER 07397 DWG SPEC<br>33-801856-3                         | 87034    | REF            |                |   |   |   |
| - 12               | 94-728669-2     | . . . HOLDER, CARD-LABEL   |          |                | 1              |   |   |   |
|                    | MS51957-12      | ATTACHING PARTS<br>. . . SCREW   |          |                | 2              |   |   |   |
|                    | MS15795-803     | . . . WASHER   |          |                | 2              |   |   |   |
|                    |                 | - - - * - - -  |          |                |                |   |   |   |
| - 13               | 94-728669-3     | . . . HOLDER, CARD-LABEL   |          |                | 2              |   |   |   |
|                    | MS51957-12      | ATTACHING PARTS<br>. . . SCREW   |          |                | 6              |   |   |   |
|                    | MS15795-803     | . . . WASHER   |          |                | 6              |   |   |   |
|                    |                 | - - - * - - -  |          |                |                |   |   |   |
| - 14               | MS25237-327     | . . . LAMP, INCANDESCENT   |          |                | 20             |   |   |   |
| - 15               | 640914A3        | . . . LIGHT-SWITCH PER 07397 DWG SPEC<br>02-802392-4                               | 97564    | 2              |                |   |   |   |
|                    |                 | ATTACHING PARTS<br>. . . SCREW   |          |                | 14             |   |   |   |
|                    | MS15795-805     | . . . WASHER   |          |                | 14             |   |   |   |
|                    | MS35338-136     | . . . WASHER   |          |                | 14             |   |   |   |
|                    | MS35644-64      | . . . NUT  |          |                | 14             |   |   |   |
|                    |                 | - - - * - - -  |          |                |                |   |   |   |
| - 16               | 74-728719-2     | . . . PLATE, IDENTIFICATION  |          |                | 1              |   |   |   |
|                    | MS51957-29      | ATTACHING PARTS<br>. . . SCREW   |          |                | 2              |   |   |   |
|                    | MS15795-805     | . . . WASHER   |          |                | 4              |   |   |   |
|                    | MS35338-136     | . . . WASHER   |          |                | 4              |   |   |   |
|                    | 1551G           | . . . SPACER PER 07397 DWG SPEC<br>73-801802-2                                     | 88245    | 2              |                |   |   |   |
|                    |                 | - - - * - - -  |          |                |                |   |   |   |
| - 17               | 2385-1          | . . . HANDLE, BOW PER 07397 DWG SPEC<br>74-801832-1                                | 71279    | 2              |                |   |   |   |
|                    | MS51959-63      | ATTACHING PARTS<br>. . . SCREW   |          |                | 4              |   |   |   |
|                    |                 | - - - * - - -  |          |                |                |   |   |   |
| - 18               | 82-728695-1     | . . . PANEL, FRONT   |          |                | 1              |   |   |   |
|                    | MS51957-46      | ATTACHING PARTS<br>. . . SCREW   |          |                | 6              |   |   |   |
|                    | MS15795-807     | . . . WASHER   |          |                | 12             |   |   |   |
|                    | MS35338-137     | . . . WASHER   |          |                | 6              |   |   |   |
|                    | MS35649-284     | . . . NUT  |          |                | 6              |   |   |   |
|                    |                 | - - - * - - -  |          |                |                |   |   |   |
| - 19               | MS25281-9       | . . . CLAMP  |          |                | 1              |   |   |   |
|                    | MS51957-29      | ATTACHING PARTS<br>. . . SCREW   |          |                | 1              |   |   |   |
|                    | D6-167CC        | . . . WASHER, SADDLE PER 07397 DWG SPEC<br>70-801798-3                             | 95987    | 1              |                |   |   |   |
|                    | MS15795-805     | . . . WASHER   |          |                | 1              |   |   |   |
|                    | MS35338-136     | . . . WASHER   |          |                | 1              |   |   |   |
|                    | MS35649-264     | . . . NUT  |          |                | 1              |   |   |   |
|                    |                 | - - - * - - -  |          |                |                |   |   |   |

| FIG. AND<br>INDEX NO. | MFR PART NUMBER   | DESCRIPTION   | MFR<br>CODE | UNITS<br>PER<br>ASSY | USABLE<br>ON<br>CODE |
|-----------------------|-------------------|---|-------------|----------------------|----------------------|
|                       |                   |   |             |                      |                      |
| 5 - 20                | FA7022            | . . . . FILTER, RFI PER 07397 DWG SPEC<br>32-801855-2                           | 04732       | 2                    |                      |
|                       |                   | ATTACHING PARTS   |             |                      |                      |
|                       | MS51957-29        | . . . . SCREW   |             | 4                    |                      |
|                       | MS15795-805       | . . . . WASHER  |             | 4                    |                      |
|                       | MS35338-136       | . . . . WASHER  |             | 4                    |                      |
|                       | MS35649-264       | . . . . NUT   |             | 4                    |                      |
|                       |                   | - - - * - - -   |             |                      |                      |
| - 21                  | RV4NAYSD501A      | . . . . RESISTOR  |             | 1                    |                      |
| - 22                  | 9608              | . . . . BUZZER PER 07397 DWG SPEC<br>12-802297-1                                | 80252       | 2                    |                      |
|                       |                   | ATTACHING PARTS   |             |                      |                      |
|                       | MS51957-29        | . . . . SCREW   |             | 4                    |                      |
|                       | MS15795-805       | . . . . WASHER  |             | 4                    |                      |
|                       | MS35338-136       | . . . . WASHER  |             | 4                    |                      |
|                       | MS35649-264       | . . . . NUT   |             | 4                    |                      |
|                       |                   | - - - * - - -   |             |                      |                      |
| - 23                  | 74-725900-646     | . . . . PLATE, IDENTIFICATION   |             | 1                    |                      |
|                       |                   | ATTACHING PARTS   |             |                      |                      |
|                       | MS21318-7         | . . . . SCREW   |             | 4                    |                      |
|                       |                   | - - - * - - -   |             |                      |                      |
|                       | MS25251-16        | . . . . PLUG, END SEAL  |             | 7                    |                      |
|                       | B1616BCB01        | . . . . CONTACT, ELECTRICAL PER 07397 DWG<br>SPEC 73-802109-4                   | 71468       | 4                    |                      |
|                       | 0004-065-000      | □ . . . . CONTACT, ELECTRICAL PER 07397 DWG<br>SPEC 73-802109-4                 | 11139       | REF                  |                      |
| - 24                  | PT07SE18-11P      | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-115   | 77820       | 1                    |                      |
|                       | KPTH07E18-11PF120 | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-115 | 71468       | REF                  |                      |
|                       | MS25251-20        | . . . . PLUG, END SEAL  |             | 3                    |                      |
|                       | B2020PBA01        | . . . . CONTACT, ELECTRICAL PER 07397 DWG<br>SPEC 73-802109-2                   | 71468       | 52                   |                      |
|                       | 0004-058-000      | □ . . . . CONTACT, ELECTRICAL PER 07397 DWG<br>SPEC 73-802109-2                 | 11139       | REF                  |                      |
| - 25                  | PT07SE22-55P      | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-203   | 77820       | 1                    |                      |
|                       | KPTH07E22-55PF120 | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-203 | 71468       | REF                  |                      |
| - 26                  | 82-728694-1       | . . . . CHASSIS, ELECTRICAL EQUIPMENT   |             | 1                    |                      |



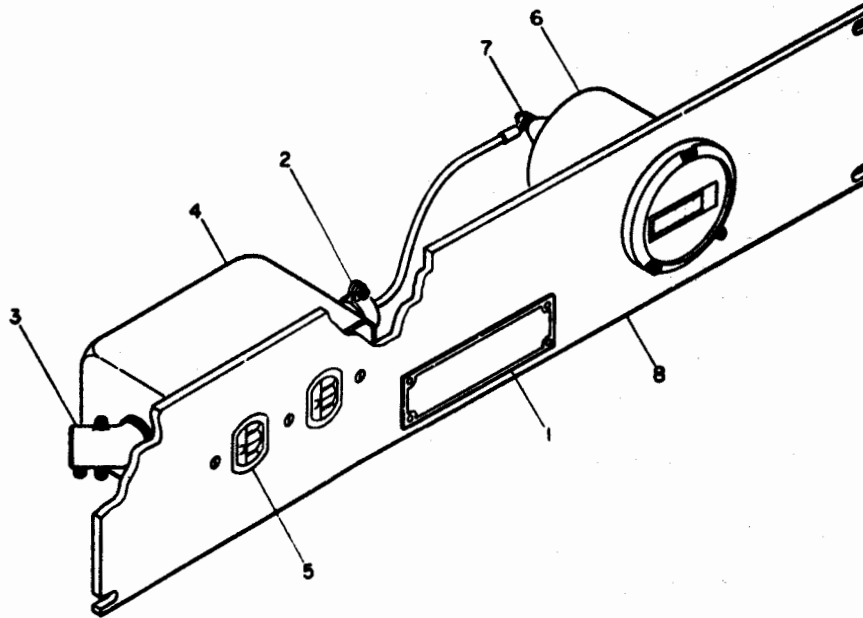
31R1-2GRA98-4-7

Figure 6. Digital-to-Digital Converter CV-1831/FLR-9(V)

| FIG. AND INDEX NO. | MFR PART NUMBER     | DESCRIPTION   | MFR CODE | UNITS    | USABLE  |
|--------------------|---------------------|---|----------|----------|---------|
|                    |                     |   |          | PER ASSY | ON CODE |
|                    |                     | 1 2 3 4 5 6 7 8 9   |          |          |         |
| 6 -                | 02-727821-1         | . . . . DIGITAL TO DIGITAL CONVERTER<br>CV-1831/FLR-9/V/ FOR NHA<br>SEE FIG. 3-18 |          | REF      |         |
| - 1                | 74-725900-493       | . . . . PLATE, IDENTIFICATION   |          | 1        |         |
|                    | MS21318-8           | . . . . ATTACHING PARTS<br>. . . . SCREW  |          | 4        |         |
| - 2                | 82-726806-1         | . . . . COVER, TOP  |          | 1        |         |
|                    | MS51957-28          | . . . . ATTACHING PARTS<br>. . . . SCREW  |          | 21       |         |
|                    | MS15795-805         | . . . . WASHER  |          | 21       |         |
| - 3                | MS90078-27          | . . . . FUSE  |          | 1        |         |
| - 4                | HKT                 | . . . . FUSEHOLDER PER 07397 DWG SPEC<br>73-801843-1                              | 71400    | 1        |         |
| - 5                | MS90078-27          | . . . . FUSE, SPARE   |          | 1        |         |
| - 6                | HKT                 | . . . . FUSEHOLDER, SPARE PER 07397<br>DWG SPEC 73-801843-1                       | 71400    | 1        |         |
| - 7                | 2385-1              | . . . . HANDLE, BCW PER 07397<br>DWG SPEC 74-801832-1                             | 71279    | 2        |         |
|                    | MS51957-63          | . . . . ATTACHING PARTS<br>. . . . SCREW  |          | 4        |         |
|                    | MS35338-138         | . . . . WASHER  |          | 4        |         |
|                    | MS15795-808         | . . . . WASHER  |          | 4        |         |
| - 8                | 82-727876-1         | . . . . PANEL, BLANK  |          | 1        |         |
|                    | MS51957-46          | . . . . ATTACHING PARTS<br>. . . . SCREW  |          | 8        |         |
|                    | MS15795-807         | . . . . WASHER  |          | 8        |         |
| - 9                | MS25281-2           | . . . . CLAMP, LOOP   |          | 1        |         |
| - 10               | MS25281-6           | . . . . CLAMP, LOOP   |          | 1        |         |
| - 11               | MS25281-10          | . . . . CLAMP, LOOP   |          | 1        |         |
|                    | MS51959-30          | . . . . ATTACHING PARTS<br>. . . . SCREW  |          | 3        |         |
|                    | D167CC              | . . . . WASHER, SADDLE PER 07397<br>DWG SPEC 70-801798-7                          | 95987    | 3        |         |
|                    | MS15795-805         | . . . . WASHER  |          | 3        |         |
|                    | NAS679C06M          | . . . . NUT   |          | 3        |         |
| - 12               | 600GMFST8SIMS600-8  | . . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-15                         | 75382    | 1        |         |
|                    | GMG                 | . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-15                         | 00629    | REF      |         |
|                    | 8-14MMUUSMS14-4     | . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-15                         | 88223    | REF      |         |
|                    | 740-8-06-00614      | . . . . ATTACHING PARTS<br>. . . . SCREW  |          | 4        |         |
|                    | MS51959-18          | . . . . WASHER  |          | 4        |         |
|                    | NAS620-4            | . . . . NUT   |          | 4        |         |
|                    | NAS679C04M          | . . . . NUT   |          | 4        |         |
| - 13               | FA7022              | . . . . FILTER, RFI PER 07397<br>DWG SPEC 32-801855-2                             | 04732    | 1        |         |
|                    | MS51959-28          | . . . . ATTACHING PARTS<br>. . . . SCREW  |          | 2        |         |
|                    | MS35335-58          | . . . . WASHER  |          | 2        |         |
|                    | MS15795-805         | . . . . WASHER  |          | 2        |         |
|                    | NAS679C06M          | . . . . NUT   |          | 2        |         |
| - 14               | XB602-14            | . . . . KEY, POLARIZING PER 07397<br>DWG SPEC 70-801732-1                         | 95238    | 9        |         |
|                    | 091-0020-000        | . . . . KEY, POLARIZING PER 07397<br>DWG SPEC 70-801732-1                         | 05574    | REF      |         |
| - 15               | VH22/1AN8           | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802221-2       | 05574    | 9        |         |
|                    | 225-22222-10100-100 | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802221-2       | 02660    | REF      |         |
|                    | MS51957-18          | . . . . ATTACHING PARTS<br>. . . . SCREW  |          | 18       |         |
|                    | MS15795-803         | . . . . WASHER  |          | 18       |         |
|                    | NAS679C04M          | . . . . NUT   |          | 18       |         |
| - 16               | 82-726805-1         | . . . . COVER, REAR   |          | 1        |         |
|                    | MS51957-28          | . . . . ATTACHING PARTS<br>. . . . SCREW  |          | 5        |         |
|                    | MS15795-805         | . . . . WASHER  |          | 5        |         |

| FIG. AND INDEX NO. | MFR PART NUMBER     | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|---------------------|---|----------|----------------|----------------|---|---|---|
|                    |                     |   |          |                |                | 1 | 2 | 3 |
| 6 - 17             | 32-726825-1         | . . . . AF 20KC AND AGC AMPLIFIER   |          |                | 6              |   |   |   |
| - 18               | 32-724053-1         | . . . . TWO INPUT NOR GATE  | L        |                | 3              |   |   |   |
|                    | MS3192A20A          | . . . . CONTACT, ELECTRICAL   |          |                | 55             |   |   |   |
| - 19               | PT07SE22-55P        | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL                                     | 77820    |                | 1              |   |   |   |
|                    | KPTM07E22-55PF120 □ | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-203 | 71468    | REF            |                |   |   |   |
|                    | MS3192-16A          | . . . . CONTACT, ELECTRICAL   |          |                | 11             |   |   |   |
|                    | MS25311-120         | . . . . FERRULE, SHIELD, GROUNDING  |          |                | 2              |   |   |   |
| - 20               | PT07SE18-11P        | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL                                     | 77820    |                | 1              |   |   |   |
|                    | KPTM07E18-11PF120 □ | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>DWG SPEC 73-802019-115           | 71468    | REF            |                |   |   |   |
|                    | MS3193A20A          | . . . . CONTACT, ELECTRICAL   |          |                | 87             |   |   |   |
| - 21               | PT07SE22-55S        | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL                                     | 77820    |                | 1              |   |   |   |
|                    | KPTM07E22-55SF120 □ | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-208 | 71468    | REF            |                |   |   |   |
| - 22               | PT07SE18-32S        | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL                                     | 77820    |                | 1              |   |   |   |
|                    | KPTM07E18-32SF120 □ | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-140 | 71468    | REF            |                |   |   |   |
| - 23               | 2381-1              | . . . . TERMINAL LUG PER 07397<br>DWG SPEC 73-801893-2                        | 71279    |                | 2              |   |   |   |
|                    |                     | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-14          | . . . . SCREW   |          |                | 2              |   |   |   |
|                    | MS35333-57          | . . . . WASHER  |          |                | 2              |   |   |   |
|                    | MS15795-803         | . . . . WASHER  |          |                | 2              |   |   |   |
| - 24               | 84-726801-2         | . . . . CHASSIS   |          |                | 1              |   |   |   |

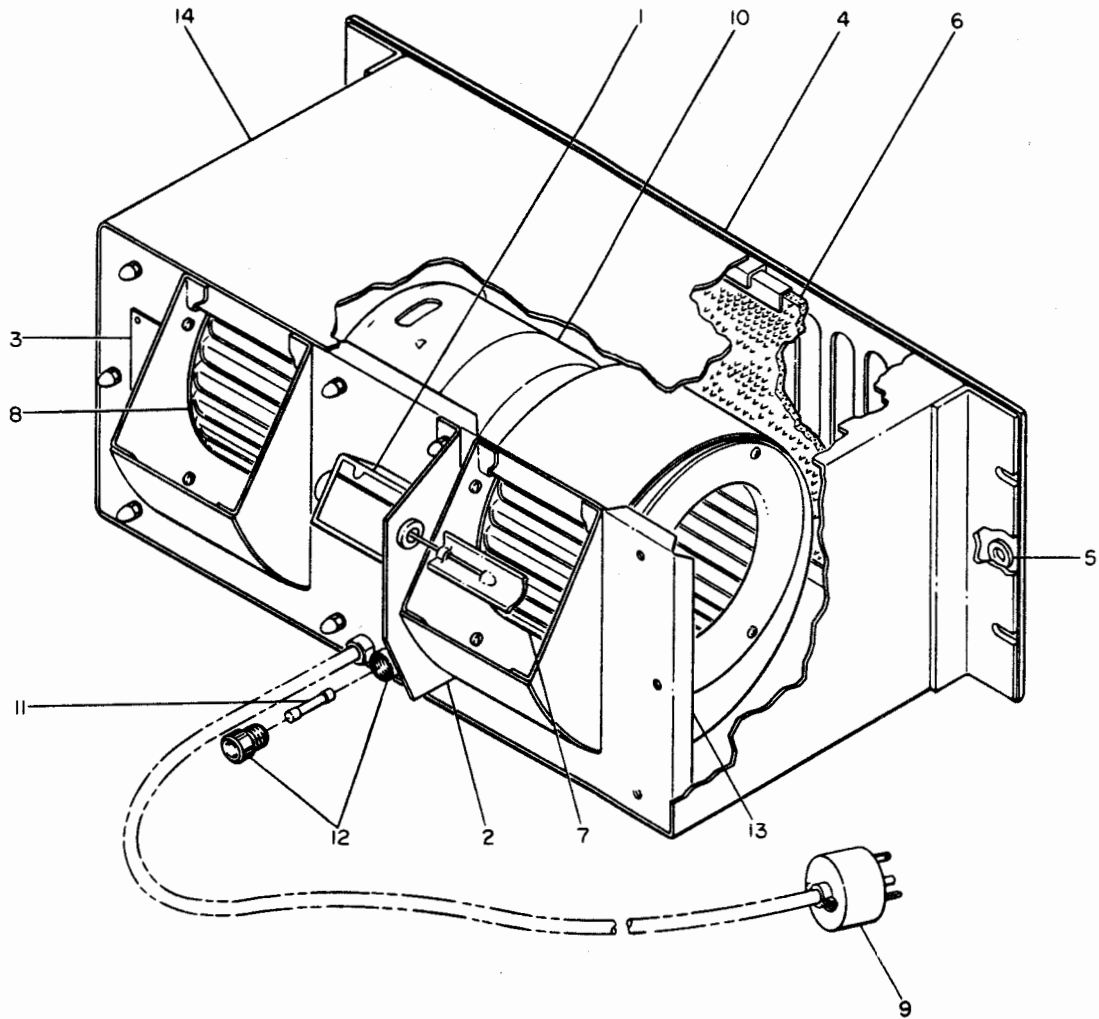




31R1-2GRA98-4-8

Figure 7. Time Totalizing Meter ME-271/FLR-9(V)

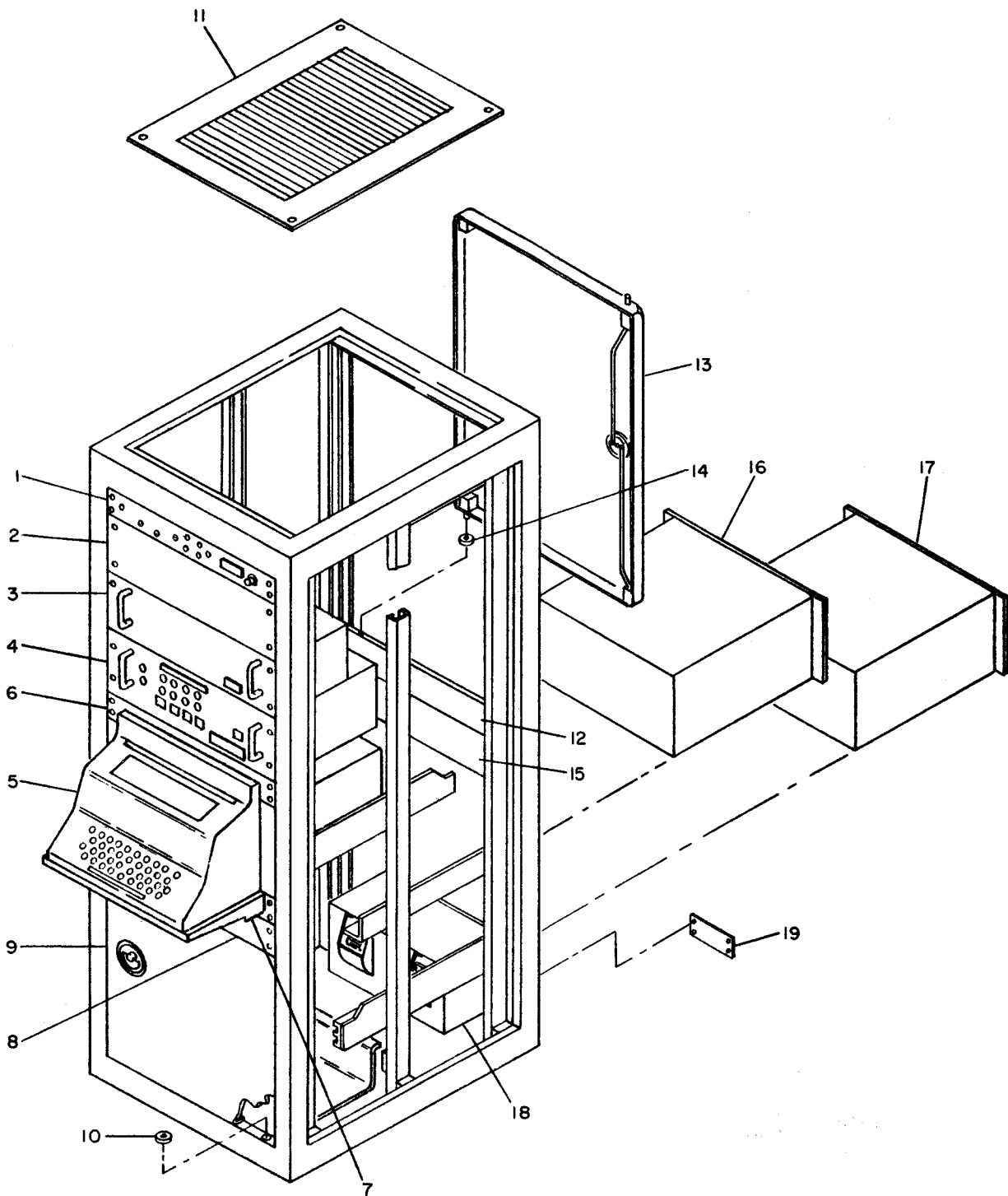
| FIG. AND INDEX NO. | MFR PART NUMBER   | DESCRIPTION  | 1 2 3 4 5 6 7 8 9 |  |  |  |  |  |  |  |  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |  |
|--------------------|-------------------|--|-------------------|--|--|--|--|--|--|--|--|----------|----------------|----------------|--|
|                    |                   |  |                   |  |  |  |  |  |  |  |  |          |                |                |  |
| 7 -                | 89-724729-3       | . . . METER, TIME TOTALIZING<br>ME-271/FLR-9/V/ FOR NHA<br>SEE FIG. 3-19 |                   |  |  |  |  |  |  |  |  |          |                | REF            |  |
| - 1                | 74-725900-414     | . . . . PLATE, DESIGNATION   |                   |  |  |  |  |  |  |  |  |          |                | 1              |  |
|                    | MS21318-8         | . . . . SCREW  |                   |  |  |  |  |  |  |  |  |          |                | 4              |  |
| - 2                | 3302              | . . . . CLAMP, CABLE PER 07397<br>DWG SPEC 70-801989-1                   |                   |  |  |  |  |  |  |  |  |          | 59730          | 1              |  |
| - 3                | 267               | . . . . CLAMP, JUNCTION PER 07397<br>DWG SPEC 70-801716-1                |                   |  |  |  |  |  |  |  |  |          | 59730          | 1              |  |
| - 4                | 4CS1/2            | . . . . JUNCTION BOX PER 07397<br>DWG SPEC 81-801877-2                   |                   |  |  |  |  |  |  |  |  |          | 03743          | 1              |  |
|                    | 583611/2          | □ . . . . JUNCTION BOX PER 07397<br>DWG SPEC 81-801877-2                 |                   |  |  |  |  |  |  |  |  |          | 78229          | REF            |  |
|                    | MS51959-30        | . . . . SCREW  |                   |  |  |  |  |  |  |  |  |          |                | 2              |  |
| - 5                | 5262              | . . . . CONNECTOR, POWER AC PER 07397<br>DWG SPEC 73-801773-2            |                   |  |  |  |  |  |  |  |  |          | 74545          | 1              |  |
|                    | MS35649-37        | . . . . SCREW  |                   |  |  |  |  |  |  |  |  |          |                | 1              |  |
| - 6                | 50-235032AAAA2JAB | . . . . METER, ELAPSED TIME PER 07397<br>DWG SPEC 25-801864-2            |                   |  |  |  |  |  |  |  |  |          | 97924          | 1              |  |
|                    | MS51957-18        | . . . . SCREW  |                   |  |  |  |  |  |  |  |  |          |                | 3              |  |
|                    | MS15795-803       | . . . . WASHER   |                   |  |  |  |  |  |  |  |  |          |                | 3              |  |
|                    | MS35338-135       | . . . . WASHER   |                   |  |  |  |  |  |  |  |  |          |                | 3              |  |
|                    | MS35649-244       | . . . . NUT  |                   |  |  |  |  |  |  |  |  |          |                | 3              |  |
| - 7                | MS35338-137       | . . . . WASHER   |                   |  |  |  |  |  |  |  |  |          |                | 1              |  |
| - 8                | 82-724728-2       | . . . . PANEL, TIME TOTALIZING METER                                     |                   |  |  |  |  |  |  |  |  |          |                | 1              |  |



31R1-2GRA98-4-9

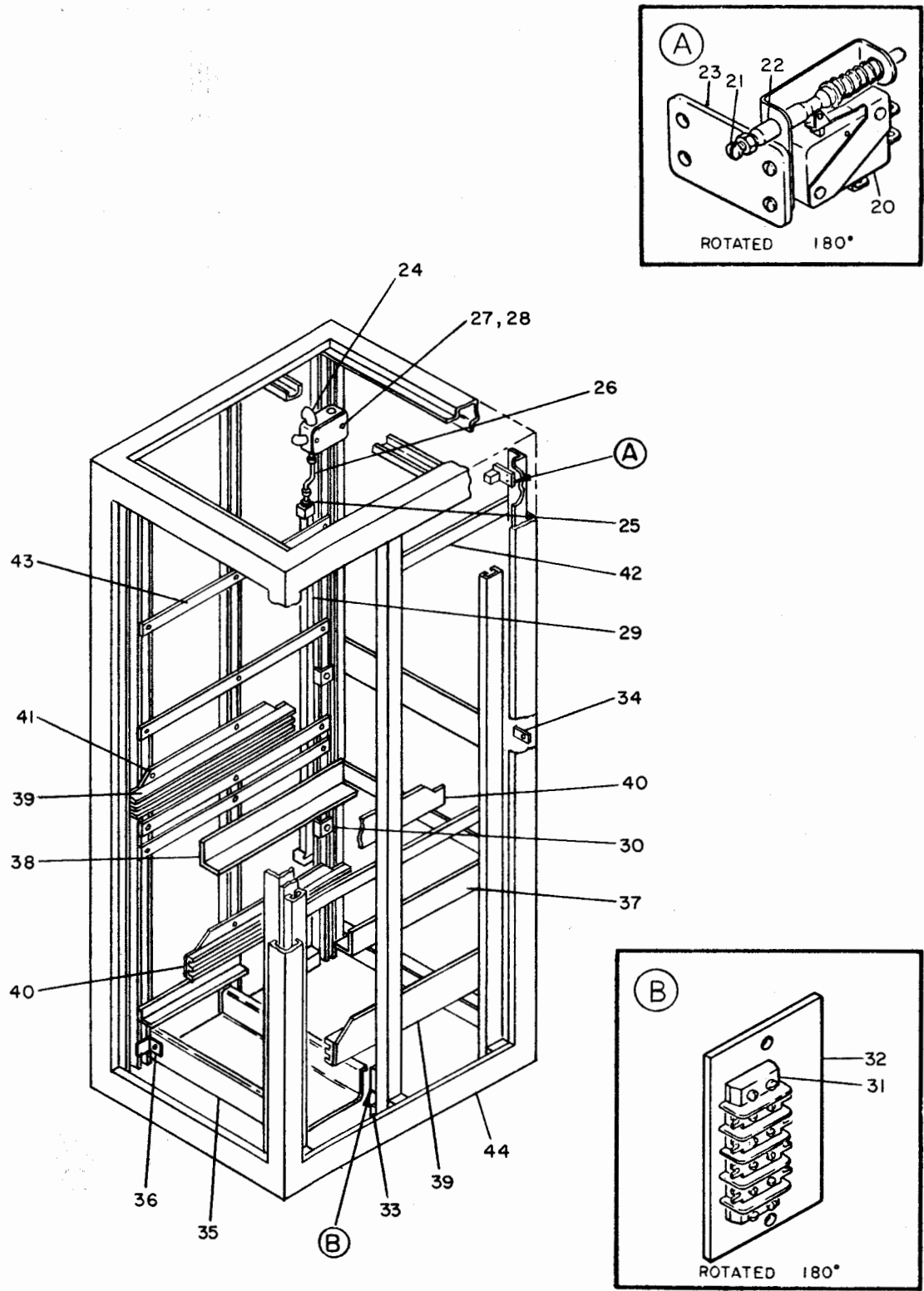
Figure 8. Electronic Equipment Air Cooler HD-591/FLR-9(V)

| FIG. AND<br>INDEX NO. | MFR PART NUMBER | DESCRIPTION<br>1 2 3 4 5 6 7 8 9  | MFR<br>CODE | UNITS<br>PER<br>ASSY | USABLE<br>ON<br>CODE |
|-----------------------|-----------------|---|-------------|----------------------|----------------------|
|                       |                 |   |             |                      |                      |
| 8 -                   | 02-724633-1     | . . . COOLER, AIR, ELECTRONIC EQUIPMENT<br>HD-591/FLR-9/V/ FOR NHA<br>SEE FIG. 3-21 |             | REF                  |                      |
| - 1                   | 2A1000          | . . . . SWITCH, AIRFLOW PER 07397<br>DWG SPEC 33-801868-1                           | 82877       | 1                    |                      |
|                       |                 | ATTACHING PARTS   |             |                      |                      |
|                       | MS51958-61      | . . . . SCREW   |             | 1                    |                      |
|                       | MS15795-808     | . . . . WASHER  |             | 1                    |                      |
|                       | MS35338-138     | . . . . WASHER  |             | 1                    |                      |
|                       | MS35650-304     | . . . . NUT   |             | 1                    |                      |
|                       |                 | - - - * - - -   |             |                      |                      |
| - 2                   | 81-724632-1     | . . . . BRACKET, SWITCH MOUNTING  |             | 1                    |                      |
|                       |                 | ATTACHING PARTS   |             |                      |                      |
|                       | MS35649-204     | . . . . NUT   |             | 2                    |                      |
|                       | MS35338-138     | . . . . WASHER  |             | 2                    |                      |
|                       |                 | - - - * - - -   |             |                      |                      |
| - 3                   | 74-725900-38    | . . . . PLATE, IDENTIFICATION   |             | 1                    |                      |
|                       |                 | ATTACHING PARTS   |             |                      |                      |
|                       | MS21318-7       | . . . . SCREW   |             | 4                    |                      |
|                       |                 | - - - * - - -   |             |                      |                      |
|                       | 2EB408A49       | . . . . COOLER, ELECTRONIC EQUIPMENT<br>PER 07397 DWG SPEC 23-801869-1              | 03522       | 1                    |                      |
| - 4                   | M2612-7         | . . . . GRILLE, METAL   | 03522       | 1                    |                      |
| - 5                   | S1122           | . . . . WASHER  | 03522       | 1                    |                      |
| - 6                   | S1006-2         | . . . . FILTER, AIR CONDITIONING  | 03522       | 1                    |                      |
|                       | MIGB4           | . . . . PANEL ASSY, EQUIPMENT MOUNTING  | 03522       | 1                    |                      |
|                       |                 | ATTACHING PARTS   |             |                      |                      |
|                       | MS35649-204     | . . . . NUT   |             | 8                    |                      |
|                       | MS35338-138     | . . . . WASHER  |             | 8                    |                      |
|                       |                 | - - - * - - -   |             |                      |                      |
| - 7                   | S1058           | . . . . IMPELLER, FAN, CENTRIFUGAL CW   | 03522       | 1                    |                      |
| - 8                   | S1059           | . . . . IMPELLER, FAN, CENTRIFUGAL CCW  | 03522       | 1                    |                      |
| - 9                   | S1179           | . . . . CONNECTOR, PLUG, ELECTRICAL   | 03522       | 1                    |                      |
| - 10                  | S1106           | . . . . MOTOR ASSY, ALTERNATING CURRENT   | 03522       | 1                    |                      |
| - 11                  | MDL1            | . . . . FUSE  | 71400       | 1                    |                      |
| - 12                  | S1111           | . . . . FUSE HOLDER   | 03522       | 1                    |                      |
| - 13                  | NO NUMBER       | . . . . PANEL, EQUIPMENT MOUNTING   | 03522       | 1                    |                      |
| - 14                  | M1183           | . . . . HOUSING   | 03522       | 1                    |                      |



31R1-2GRA98-4-10

Figure 9. Control-Power Supply Group AN/GRA-101 (Sheet 1 of 2)



31R1-2GRA98-4-11

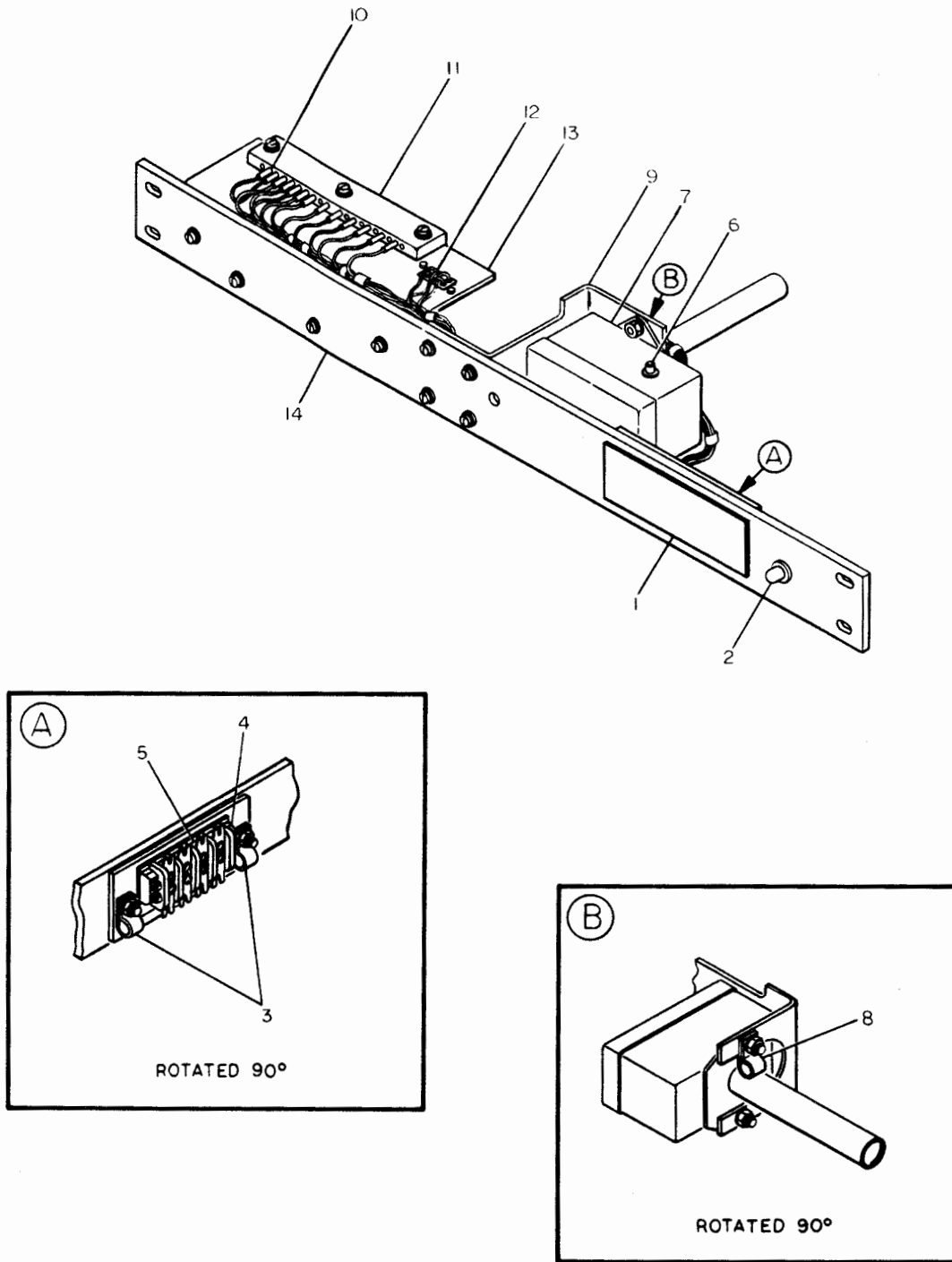
Figure 9. Control-Power Supply Group AN/GRA-101 (Sheet 2 of 2)

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-----------------|---|----------|----------------|----------------|---|---|---|
|                    |                 |   |          |                |                | 1 | 2 | 3 |
| 9 -                | 2349732G1       | . . . CONTROL-POWER SUPPLY GROUP AN/GRA-101<br>FOR NHA SEE FIG. 2-9   |          | REF            |                |   |   |   |
| - 1                | 02-725730-1     | . . . PANEL, INDICATOR SEE FIG. 10  |          | 1              |                |   |   |   |
| - 2                | 82-724571-1     | . . . PANEL BLANK   |          | 1              |                |   |   |   |
| - 3                | 2470595G1       | . . . BRO INTERFACE UNIT FOR BREAKDOWN<br>SEE T.O. 31R1-2GRA-102  |          | 1              |                |   |   |   |
| - 4                | 02-728316-1     | . . . CONTROL-INDICATOR SEE FIG. 11<br>ATTACHING PARTS  |          | 1              |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 16             |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 16             |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397<br>DWG SPEC 70-801753-2   | 95987    | 16             |                |   |   |   |
| - 5                | NO NUMBER       | . . . PRINTER, KEYBOARD AND PAGE KSR-28S<br>/GFE/   |          | 1              |                |   |   |   |
| - 6                | 82-728671-1     | . . . BEZEL PLATE, LATCH<br>ATTACHING PARTS   |          | 1              |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 10             |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 10             |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397<br>DWG SPEC 70-801753-2   | 95987    | 10             |                |   |   |   |
| - 7                | 82-728670-1     | . . . SUPPORT, ELECTRICAL EQUIPMENT   |          | 1              |                |   |   |   |
| - 8                | 01-801600-66    | . . . PANEL, BAR-DIVIDER<br>ATTACHING PARTS   |          | 1              |                |   |   |   |
|                    | MS51960-69      | . . . SCREW   |          | 4              |                |   |   |   |
| - 9                | 01-801600-28    | . . . DOOR, CABINET   |          | 1              |                |   |   |   |
| - 10               | AN9608416       | . . . WASHER  |          | 1              |                |   |   |   |
| - 11               | 2471055G1       | . . . TOP CAP, CABINET<br>ATTACHING PARTS   |          | 1              |                |   |   |   |
|                    | MS51960-69      | . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35650-304     | . . . NUT   |          | 4              |                |   |   |   |
| - 12               | 01-801600-139   | . . . PANEL, BAR-DIVIDER<br>ATTACHING PARTS   |          | 1              |                |   |   |   |
|                    | MS51960-69      | . . . SCREW   |          | 2              |                |   |   |   |
| - 13               | 01-801600-35    | . . . DOOR, CABINET<br>ATTACHING PARTS  |          | 1              |                |   |   |   |
| - 14               | AN9608416       | . . . WASHER  |          | 1              |                |   |   |   |
| - 15               | 82-724090-1     | . . . PANEL, BLANK  |          | 1              |                |   |   |   |
| - 16               | 91920062        | . . . RECORDER, DIGITAL, MAGNETIC TAPE<br>PER 07397 DWG SPEC 11-802413-1<br>/GFE/<br>ATTACHING PARTS          | 88769    | 1              |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 8              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 8              |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397 DWG<br>SPEC 70-801753-2   | 95987    | 8              |                |   |   |   |
| - 17               | 2470102G1       | . . . POWER SUPPLY PP-3931A/FLR-9/V/ FOR<br>BREAKDOWN SEE T.O. 31S6-2FLR9-182                                 |          | 1              |                |   |   |   |
|                    | 8375-1004       | . . . POWER SUPPLY PP-3931/FLR-9/V/<br>PER 07397 DWG SPEC 02-802059-1 FOR<br>BREAKDOWN SEE T.O. 31S6-2FLR9-82 | 03045    | REF            |                |   |   |   |
| - 18               | 02-724633-1     | . . . COOLER, AIR, ELECTRONIC EQUIPMENT<br>SEE FIG. 8<br>ATTACHING PARTS                                      |          | 1              |                |   |   |   |
|                    | MS51960-64      | . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          | 4              |                |   |   |   |
| - 19               | 2471070G2       | . . . PLATE, IDENTIFICATION<br>ATTACHING PARTS  |          | 1              |                |   |   |   |
|                    | MS21318-8       | . . . SCREW   |          | 4              |                |   |   |   |
|                    | 89-725815-1     | . . . SWITCH ASSY, SENSITIVE<br>ATTACHING PARTS   |          | 1              |                |   |   |   |
|                    | MS51958-61      | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 2              |                |   |   |   |

| FIG. AND INDEX NO. | MFR PART NUMBER    | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|--------------------|---|----------|----------------|----------------|---|---|---|
|                    |                    |   |          |                |                | 1 | 2 | 3 |
| 9 - 20             | MS16106-1          | . . . . SWITCH, SENSITIVE<br>ATTACHING PARTS                        |          | 1              |                |   |   |   |
|                    | MS51957-27         | . . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS35338-136        | . . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS15795-805        | . . . . WASHER  |          | 2              |                |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
| - 21               | MS51957-33         | . . . . SCREW   |          | 1              |                |   |   |   |
| - 22               | MS35649-264        | . . . . NUT   |          | 1              |                |   |   |   |
| - 23               | 82-724619-1        | . . . . PLATE, SWITCH MOUNTING                                      |          | 1              |                |   |   |   |
| - 24               | 323                | . . . . BCX CONNECTOR, ELECTRICAL PER 07397<br>DWG SPEC 19-801914-1 | 59730    | 2              |                |   |   |   |
| - 25               | 254                | . . . . CONNECTOR, ARMORED CABLE PER 07397<br>DWG SPEC 70-801870-1  | 59730    | 2              |                |   |   |   |
| - 26               | 1/2                | . . . . CONDUIT, FLEXIBLE PER 07397<br>DWG SPEC 19-801862-1         | 78799    | AR             |                |   |   |   |
| - 27               | 181-1/2            | . . . . JUNCTION BOX, CONDUIT PER 07397<br>DWG SPEC 81-801877-1     | 03743    | 1              |                |   |   |   |
|                    | 68371-1/2          | □ . . . JUNCTION BOX, CONDUIT PER 07397<br>DWG SPEC 81-801877-1     | 78229    | REF            |                |   |   |   |
| - 28               | 58C1               | . . . . COVER, JUNCTION BCX PER 07397<br>DWG SPEC 81-801698-3       | 78229    | 1              |                |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-48         | . . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS15795-807        | . . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS35338-137        | . . . . WASHER  |          | 2              |                |   |   |   |
|                    | P4006-0832         | . . . . NUT, GANG, CHANNEL PER 07397<br>DWG SPEC 70-801745-1        | 96195    | 2              |                |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
| - 29               | 20G8303            | . . . . STRIP, AC DISTRIBUTION PER 07397<br>DWG SPEC 70-802104-2    | 79725    | 1              |                |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-63         | . . . . SCREW   |          | 3              |                |   |   |   |
|                    | MS15795-808        | . . . . WASHER  |          | 6              |                |   |   |   |
|                    | MS35338-138        | . . . . WASHER  |          | 3              |                |   |   |   |
|                    | MS35650-304        | . . . . NUT   |          | 3              |                |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
| - 30               | 81-727727-1        | . . . . BRACKET, DOUBLE ANGLE<br>ATTACHING PARTS                    |          | 3              |                |   |   |   |
|                    | MS35307-307        | . . . . SCREW   |          | 3              |                |   |   |   |
|                    | MS15795-810        | . . . . WASHER  |          | 3              |                |   |   |   |
|                    | MS35338-139        | . . . . WASHER  |          | 3              |                |   |   |   |
|                    | P4006-1420         | . . . . NUT, GANG, CHANNEL PER 07397<br>DWG SPEC 70-801745-3        |          | 3              |                |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
|                    | 89-726236-1        | . . . . TERMINAL BOARD ASSY, AIR SWITCH<br>ATTACHING PARTS          |          | 1              |                |   |   |   |
|                    | MS51957-48         | . . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS15795-807        | . . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS35338-137        | . . . . WASHER  |          | 2              |                |   |   |   |
|                    | P4006-0832         | . . . . NUT, GANG, CHANNEL PER 07397<br>DWG SPEC 70-801745-1        | 96195    | 2              |                |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
| - 31               | 600GMFST4SIMS600-4 | . . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14           | 75382    | 1              |                |   |   |   |
|                    | GMG                |   |          |                |                |   |   |   |
|                    | 4-14MMUUSMS14-4    | □ . . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14         | 00629    | REF            |                |   |   |   |
|                    | 740-4-06-00613     | □ . . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14         | 88223    | REF            |                |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51959-31         | . . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS15795-808        | . . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35338-136        | . . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35649-264        | . . . . NUT   |          | 4              |                |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
| - 32               | 82-726233-1        | . . . . BRACKET, TERMINAL BOARD                                     |          | 1              |                |   |   |   |
| - 33               | LSC2               | . . . . CLAMP, CABLE PER 07397<br>DWG SPEC 70-801797-1              | 06383    | 5              |                |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51959-48         | . . . . SCREW   |          | 5              |                |   |   |   |
|                    | MS15795-807        | . . . . WASHER  |          | 5              |                |   |   |   |
|                    | MS35338-137        | . . . . WASHER  |          | 5              |                |   |   |   |
|                    | 81-726392-1        | . . . . WASHER, SQUARE  |          | 5              |                |   |   |   |
|                    | P4006-1832         | . . . . NUT, GANG, CHANNEL PER 07397<br>DWG SPEC 70-801745-1        | 96195    | 5              |                |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
| - 34               | LSC2               | . . . . CLAMP, CABLE PER 07397<br>DWG SPEC 70-801797-1              | 06383    | 6              |                |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-61         | . . . . SCREW   |          | 6              |                |   |   |   |
|                    | MS35338-138        | . . . . WASHER  |          | 6              |                |   |   |   |
|                    | MS15795-808        | . . . . WASHER  |          | 6              |                |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-----------------|---|----------|----------------|----------------|---|---|---|
|                    |                 |   |          |                |                | 1 | 2 | 3 |
| 9 - 35             | 81-727786-3     | . . . RACK, CABLE, INTERIOR<br>ATTACHING PARTS                                |          | 1              |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS35650-304     | . . . NUT   |          | 2              |                |   |   |   |
| - 36               | 82-727787-1     | . . . BRACKET, ANGLE<br>ATTACHING PARTS                                       |          | 2              |                |   |   |   |
|                    | MS35307-307     | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS15795-810     | . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS35338-139     | . . . WASHER  |          | 2              |                |   |   |   |
|                    | P4006-1420      | . . . NUT, GANG, CHANNEL PER 07397<br>DWG SPEC 70-801745-3                    | 96195    | 2              |                |   |   |   |
| - 37               | 82-724808-1     | . . . SUPPORT ANGLE, RACKS  |          | 1              |                |   |   |   |
| - 38               | 82-724808-2     | . . . SUPPORT ANGLE, RACKS<br>ATTACHING PARTS                                 |          | 1              |                |   |   |   |
|                    | MS35307-307     | . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS15795-810     | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35338-139     | . . . WASHER  |          | 4              |                |   |   |   |
|                    | P4006-1420      | . . . NUT, GANG, CHANNEL PER 07397<br>DWG SPEC 70-801745-3                    | 96195    | 4              |                |   |   |   |
| - 39               | 020071-1        | . . . SLIDE, CHASSIS, LH PER 07397<br>DWG SPEC 84-801620-3                    | 83508    | 2              |                |   |   |   |
| - 40               | 020071-2        | . . . SLIDE, CHASSIS, RH PER 07397<br>DWG SPEC 84-801620-4<br>ATTACHING PARTS | 83508    | 2              |                |   |   |   |
|                    | MS51959-46      | . . . SCREW   |          | 20             |                |   |   |   |
|                    | MS51959-31      | . . . SCREW   |          | 20             |                |   |   |   |
|                    | MS15795-805     | . . . WASHER  |          | 20             |                |   |   |   |
|                    | MS35338-136     | . . . WASHER  |          | 20             |                |   |   |   |
|                    | MS35649-264     | . . . NUT   |          | 20             |                |   |   |   |
| - 41               | 81-727636-1     | . . . PLATE, MOUNTING, CHASSIS SLIDE<br>ATTACHING PARTS                       |          | 4              |                |   |   |   |
|                    | MS35307-307     | . . . SCREW   |          | 8              |                |   |   |   |
|                    | MS15795-810     | . . . WASHER  |          | 8              |                |   |   |   |
|                    | MS35338-139     | . . . WASHER  |          | 8              |                |   |   |   |
|                    | P4006-1420      | . . . NUT, GANG, CHANNEL PER 07397 DWG<br>SPEC 70-801745-3                    | 96195    | 8              |                |   |   |   |
| - 42               | 82-726403-2     | . . . SUPPORT, CABLE<br>ATTACHING PARTS                                       |          | 3              |                |   |   |   |
|                    | MS51957-48      | . . . SCREW   |          | 6              |                |   |   |   |
|                    | MS15795-807     | . . . WASHER  |          | 6              |                |   |   |   |
|                    | MS35338-137     | . . . WASHER  |          | 6              |                |   |   |   |
|                    | P4006-0832      | . . . NUT, GANG, CHANNEL PER 07397<br>DWG SPEC 70-801745-1                    | 96195    | 6              |                |   |   |   |
| - 43               | 81-728084-3     | . . . BRACKET, CABLE RETAINER<br>ATTACHING PARTS                              |          | 3              |                |   |   |   |
|                    | MS51957-48      | . . . SCREW   |          | 9              |                |   |   |   |
|                    | MS15795-807     | . . . WASHER  |          | 9              |                |   |   |   |
|                    | MS35338-137     | . . . WASHER  |          | 9              |                |   |   |   |
|                    | P4006-0832      | . . . NUT, GANG, CHANNEL PER 07397<br>DWG SPEC 70-801745-1                    | 96195    | 9              |                |   |   |   |
| - 44               | 2471054G1       | . . . CABINET, ELECTRICAL EQUIPMENT   |          | 1              |                |   |   |   |

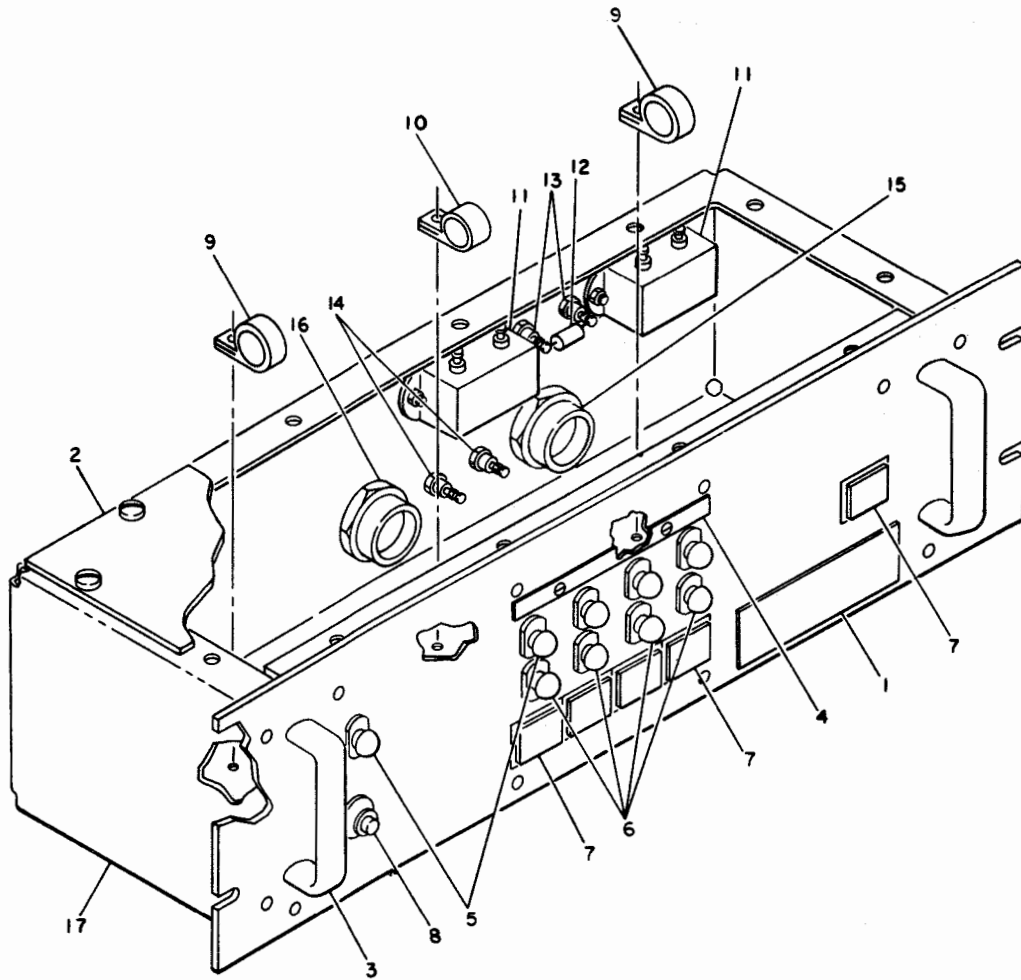




31R1-2GRA98-4-12

Figure 10. Indicator Panel SB-2142/FLR-9(V)

| FIG. AND INDEX NO. | MFR PART NUMBER    | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|--------------------|---|----------|----------------|----------------|---|---|---|
|                    |                    |   |          |                |                | 1 | 2 | 3 |
| 10 -               | 02-725730-1        | . . . PANEL, INDICATOR SB-2142/FLR-9/V/<br>FOR NHA SEE FIG. 9-1 |          |                | REF            |   |   |   |
| - 1                | 74-725900-221      | . . . PLATE, IDENTIFICATION                                     |          |                | 1              |   |   |   |
|                    | MS21318-8          | ATTACHING PARTS<br>. . . SCREW                                  |          |                | 4              |   |   |   |
|                    | MS25237-327        | . . . LAMP, INCANDESCENT  |          |                | 1              |   |   |   |
| - 2                | 101-5030-971       | . . . LIGHT, INDICATOR PER 07397<br>DWG SPEC 73-801746-1        | 72619    |                | 1              |   |   |   |
| - 3                | MS25281-2          | . . . CLAMP, LOOP   |          |                | 2              |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51959-47         | . . . SCREW   |          |                | 2              |   |   |   |
|                    | MS15795-807        | . . . WASHER  |          |                | 2              |   |   |   |
|                    | D4-167CC           | . . . WASHER, SADDLE PER 07397<br>DWG SPEC 70-801798-11         | 95987    |                | 2              |   |   |   |
|                    | NAS1022C08         | . . . NUT   |          |                | 2              |   |   |   |
|                    | 89-726236-1        | . . . TERMINAL BOARD ASSY                                       |          |                | 1              |   |   |   |
| - 4                | 600GMFST4S1MS600-4 | . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14         | 75382    |                | 1              |   |   |   |
|                    | GMG                |   |          |                |                |   |   |   |
|                    | 4-14MMUUSMS14-4    | . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14         | 00629    |                | REF            |   |   |   |
|                    | 740-4-06-00613     | . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14         | 88223    |                | REF            |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51959-31         | . . . SCREW   |          |                | 4              |   |   |   |
|                    | MS15795-805        | . . . WASHER  |          |                | 4              |   |   |   |
|                    | MS35338-136        | . . . WASHER  |          |                | 4              |   |   |   |
|                    | MS35649-264        | . . . NUT   |          |                | 4              |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
| - 5                | 82-726233-1        | . . . BRACKET, MOUNTING, TERMINAL BOARD                         |          |                | 1              |   |   |   |
| - 6                | MS25036-1          | . . . TERMINAL, LUG   |          |                | 3              |   |   |   |
| - 7                | 20410              | . . . SWITCH, THERMOSTATIC PER 07397<br>DWG SPEC 33-801782-1    | 73168    |                | 1              |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-46         | . . . SCREW   |          |                | 2              |   |   |   |
|                    | MS15795-807        | . . . WASHER  |          |                | 2              |   |   |   |
|                    | D4-167CC           | . . . WASHER, SADDLE PER 07397<br>DWG SPEC 70-801798-11         | 95987    |                | 2              |   |   |   |
|                    | NAS1022C08         | . . . NUT   |          |                | 2              |   |   |   |
| - 8                | MS25281-3          | . . . CLAMP, LOOP   |          |                | 1              |   |   |   |
| - 9                | 82-725728-1        | . . . BRACKET, SWITCH   |          |                | 1              |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-31         | . . . SCREW   |          |                | 4              |   |   |   |
|                    | MS15795-805        | . . . WASHER  |          |                | 8              |   |   |   |
|                    | NAS1022C06         | . . . NUT   |          |                | 4              |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
| - 10               | 42575-3            | . . . PIN, TAPER PER 07397<br>DWG SPEC 73-801779-2              | 00779    |                | 5              |   |   |   |
|                    | 42574-3            | . . . PIN, TAPER PER 07397<br>DWT SPEC 73-801779-1              | 00779    |                | 8              |   |   |   |
| - 11               | 480065-6           | . . . BLOCK, TAPER PIN PER 07397<br>DWG SPEC 73-801778-5        | 00779    |                | 1              |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-31         | . . . SCREW   |          |                | 3              |   |   |   |
|                    | MS15795-805        | . . . WASHER  |          |                | 6              |   |   |   |
|                    | NAS1022C06         | . . . NUT   |          |                | 3              |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
| - 12               | RY4NA3B3L01        | . . . RELAY   |          |                | 1              |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-4          | . . . SCREW   |          |                | 2              |   |   |   |
|                    | MS35338-134        | . . . WASHER  |          |                | 2              |   |   |   |
|                    | NAS620C2           | . . . WASHER  |          |                | 2              |   |   |   |
|                    | MS35649-224        | . . . NUT   |          |                | 2              |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
| - 13               | 82-724732-1        | . . . BRACKET, MOUNTING   |          |                | 1              |   |   |   |
|                    |                    | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-31         | . . . SCREW   |          |                | 4              |   |   |   |
|                    | MS15795-805        | . . . WASHER  |          |                | 8              |   |   |   |
|                    | NAS1022C06         | . . . NUT   |          |                | 4              |   |   |   |
|                    |                    | - - - * - - -   |          |                |                |   |   |   |
| - 14               | 82-725729-1        | . . . PANEL, INDICATOR  |          |                | 1              |   |   |   |

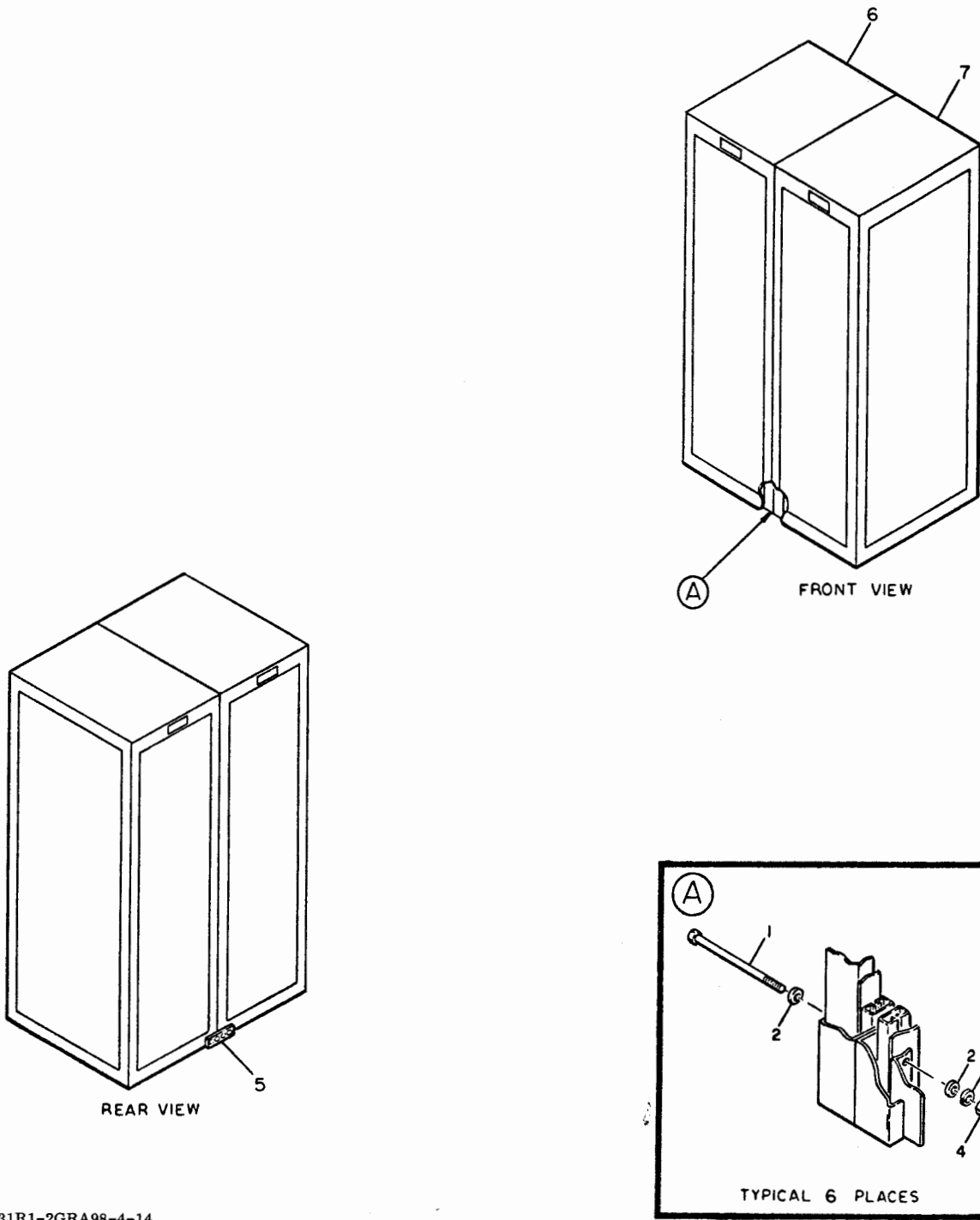


31R1-2GRA98-4-13

Figure 11. Control-Indicator C-6646/FLR-9(V)

| FIG. AND INDEX NO. | MFR PART NUMBER   | DESCRIPTION  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-------------------|--|----------|----------------|----------------|---|---|---|
|                    |                   |  |          |                |                | 1 | 2 | 3 |
| 11 -               | 02-728316-1       | . . . CONTROL-INDICATOR, C-6646/FLR-9/V/<br>FOR NHA SEE FIG. 9-4                   |          |                | REF            |   |   |   |
| - 1                | 74-725900-638     | . . . PLATE, IDENTIFICATION  |          |                | 1              |   |   |   |
|                    | MS21318-8         | ATTACHING PARTS<br>. . . SCREW   |          |                | 4              |   |   |   |
| - 2                | 82-728647-1       | . . . COVER, TOP   |          |                | 1              |   |   |   |
|                    | 12S1-12-18B       | ATTACHING PARTS<br>. . . FASTENER, POSITIVE LOCK PER 07397<br>DWG SPEC 70-802396-1 | 71286    | 12             |                |   |   |   |
|                    | 5S3-2             | . . . FASTENER, POSITIVE LOCK PER 07397<br>DWG SPEC 70-802396-3                    | 71286    | 12             |                |   |   |   |
| - 3                | 2385-1            | . . . HANDLE, BOW PER 07397<br>DWG SPEC 74-801832-1                                | 71279    | 2              |                |   |   |   |
|                    | MS51957-62        | ATTACHING PARTS<br>. . . SCREW   |          |                | 4              |   |   |   |
|                    | MS15795-808       | . . . WASHER   |          |                | 4              |   |   |   |
|                    | MS35338-138       | . . . WASHER   |          |                | 4              |   |   |   |
| - 4                | 94-728669-1       | . . . HOLDER, CARD LABEL   |          |                | 1              |   |   |   |
|                    | MS51957-13        | ATTACHING PARTS<br>. . . SCREW   |          |                | 2              |   |   |   |
|                    | MS15795-803       | . . . WASHER   |          |                | 2              |   |   |   |
| - 5                | MS25237-327       | . . . LAMP, INCANDESCENT   |          |                | 9              |   |   |   |
|                    | VM910M66          | . . . LIGHT-SWITCH PER 07397<br>DWG SPEC 33-801856-1                               | 72619    | 5              |                |   |   |   |
| - 6                | VM910M68          | . . . LIGHT-SWITCH PER 07397<br>DWG SPEC 33-801856-3                               | 72619    | 4              |                |   |   |   |
|                    | 86-724576-158     | . . . LENS, INDICATOR LIGHT  |          |                | 1              |   |   |   |
|                    | 10-4-00           | . . . LENS SET, INDICATOR LIGHT PER 07397<br>DWG SPEC 86-801882-6                  | 96182    | 4              |                |   |   |   |
| - 7                | 1028-68           | . . . SWITCH, INDICATOR PER 07397<br>DWG SPEC 02-801741-68                         | 96182    | 5              |                |   |   |   |
| - 8                | 2PB12T2           | . . . SWITCH, PUSH PER 07397<br>DWG SPEC 33-802599-2                               | 91929    | 1              |                |   |   |   |
| - 9                | MS25281-1         | . . . CLAMP, LOOP  |          |                | 2              |   |   |   |
| - 10               | MS25281-4         | . . . CLAMP, LOOP  |          |                | 1              |   |   |   |
|                    | MS51959-30        | ATTACHING PARTS<br>. . . SCREW   |          |                | 3              |   |   |   |
|                    | MS15795-805       | . . . WASHER   |          |                | 3              |   |   |   |
|                    | D6-167CC          | . . . WASHER, SADDLE PER 07397<br>DWG SPEC 70-801798-3                             | 95987    | 3              |                |   |   |   |
|                    | NAS679X06         | . . . NUT  |          |                | 3              |   |   |   |
| - 11               | FA7022            | . . . FILTER, RFI PER 07397<br>DWG SPEC 32-801855-2                                | 04732    | 2              |                |   |   |   |
|                    | MS51957-29        | ATTACHING PARTS<br>. . . SCREW   |          |                | 4              |   |   |   |
|                    | MS15795-805       | . . . WASHER   |          |                | 4              |   |   |   |
|                    | NAS679X06         | . . . NUT  |          |                | 4              |   |   |   |
| - 12               | RC20GF221J        | . . . RESISTOR   |          |                | 1              |   |   |   |
| - 13               | 405               | . . . TERMINAL, INSULATED PER 07397<br>DWG SPEC 73-803550-1                        | 05704    | 2              |                |   |   |   |
|                    | MS15795-803       | ATTACHING PARTS<br>. . . WASHER  |          |                | 2              |   |   |   |
|                    | NAS679X04         | . . . NUT  |          |                | 2              |   |   |   |
| - 14               | 2381-1            | . . . LUG, GROUND PER 07397<br>DWG SPEC 73-801893-2                                | 71279    | 2              |                |   |   |   |
|                    | MS51957-13        | ATTACHING PARTS<br>. . . SCREW   |          |                | 2              |   |   |   |
|                    | MS35338-135       | . . . WASHER   |          |                | 2              |   |   |   |
|                    | MS15795-803       | . . . WASHER   |          |                | 2              |   |   |   |
|                    | MS25251-16P       | . . . PLUG, END SEAL   |          |                | 6              |   |   |   |
|                    | B1616PCB01        | . . . CONTACT, ELECTRICAL PER 07397<br>DWG SPEC 73-802109-4                        | 71468    | 5              |                |   |   |   |
|                    | 0004-065-000      | . . . CONTACT, ELECTRICAL PER 07397<br>DWG SPEC 73-802109-4                        | 11139    | REF            |                |   |   |   |
| - 15               | PT07SE18-11P      | . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-115        | 77820    | 1              |                |   |   |   |
|                    | KPTM07E18-11PF120 | . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-115        | 71468    | REF            |                |   |   |   |

| FIG. AND<br>INDEX NO. | MFR PART NUMBER   | DESCRIPTION   | MFR<br>CODE | UNITS<br>PER<br>ASSY | USABLE<br>ON<br>CODE |
|-----------------------|-------------------|---|-------------|----------------------|----------------------|
|                       |                   |   |             |                      |                      |
| 11 -                  | MS25251-20        | . . . . PLUG, END SEAL  |             | 9                    |                      |
|                       | B2020SBD01        | . . . . CONTACT, ELECTRICAL PER 07397<br>DWG SPEC 73-802109-1                   | 71468       | 23                   |                      |
|                       | 0007-008-000      | □ . . . . CONTACT, ELECTRICAL PER 07397<br>DWG SPEC 73-802109-1                 | 11139       | REF                  |                      |
| - 16                  | PT07SE18-32S      | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-140   | 77820       | 1                    |                      |
|                       | KPTM07E18-32SF120 | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-140 | 71468       | REF                  |                      |
| - 17                  | 82-728646-1       | . . . . CHASSIS, ELECTRICAL EQUIPMENT   |             | 1                    |                      |



31R1-2GRA98-4-14

Figure 12. Direction Finding Accessory Console

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE  |
|--------------------|-----------------|---|----------|----------------|---------|
|                    |                 |   |          |                | ON CODE |
|                    |                 | 1 2 3 4 5 6 7 8 9   |          |                |         |
| 12 -               | NO NUMBER       | . ACCESSORY CONSOLE, DIRECTION FINDING FOR NHA SEE FIG. 1-4 |          | REF            |         |
| - 1                | MS35307-344     | . . SCREW   |          | 6              |         |
| - 2                | MS15795-812     | . . WASHER  |          | 12             |         |
| - 3                | MS35338-140     | . . WASHER  |          | 6              |         |
| - 4                | MS51971-2       | . . NUT   |          | 6              |         |
| - 5                | 83-724613-1     | . . PLATE, SPLICE, GROUND ATTACHING PARTS                   |          | 1              |         |
|                    | MS35309-303     | . . SCREW   |          | 4              |         |
|                    | MS35338-101     | . . WASHER  |          | 4              |         |
|                    | MS15795-910     | . . WASHER  |          | 4              |         |
| - 6                | 2349728G1       | . . POWER SUPPLY SET SEE FIG. 13                            |          | 1              |         |
| - 7                | 2349729G1       | . . CONTROL-POWER SUPPLY GROUP SEE FIG. 14                  |          | 1              |         |

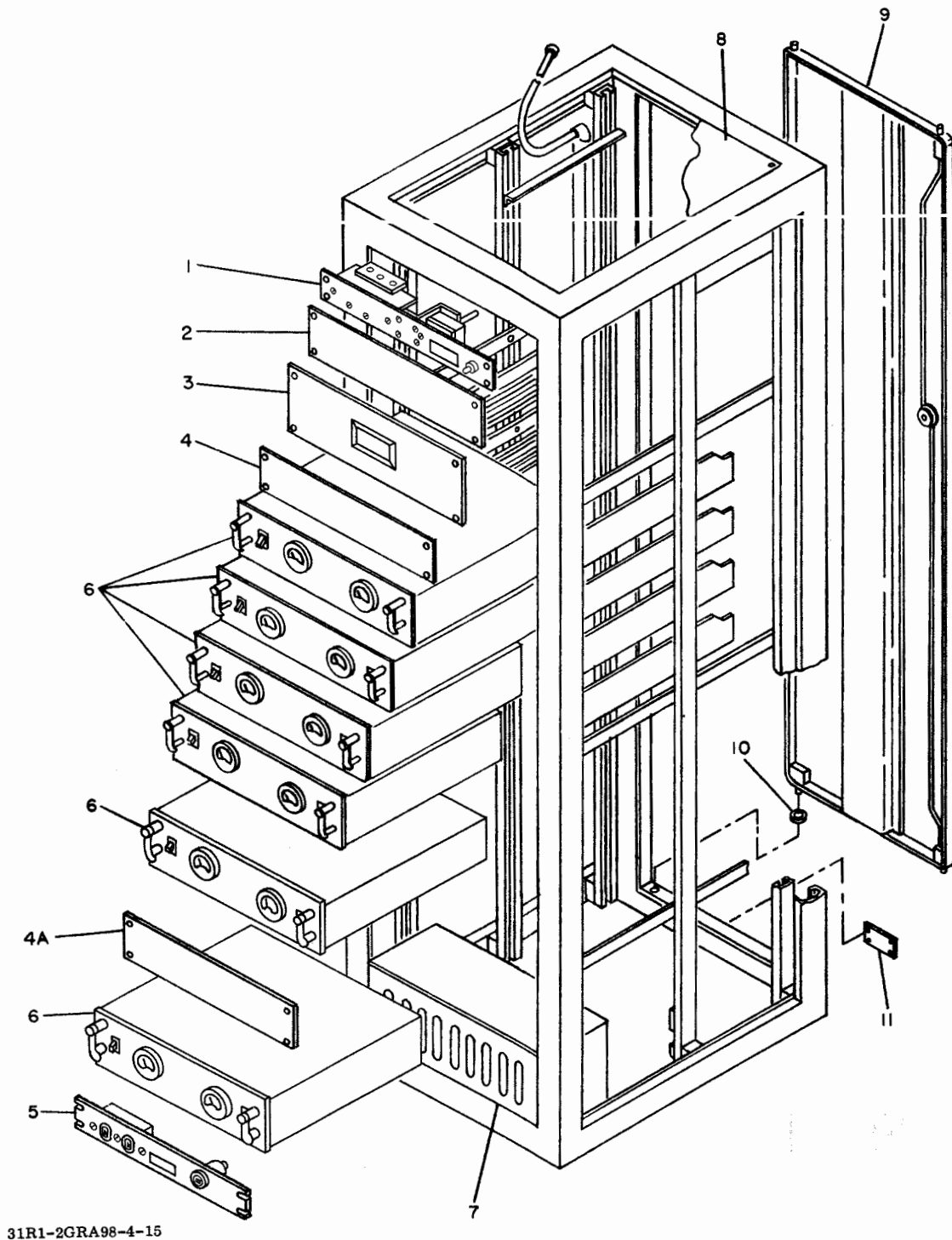
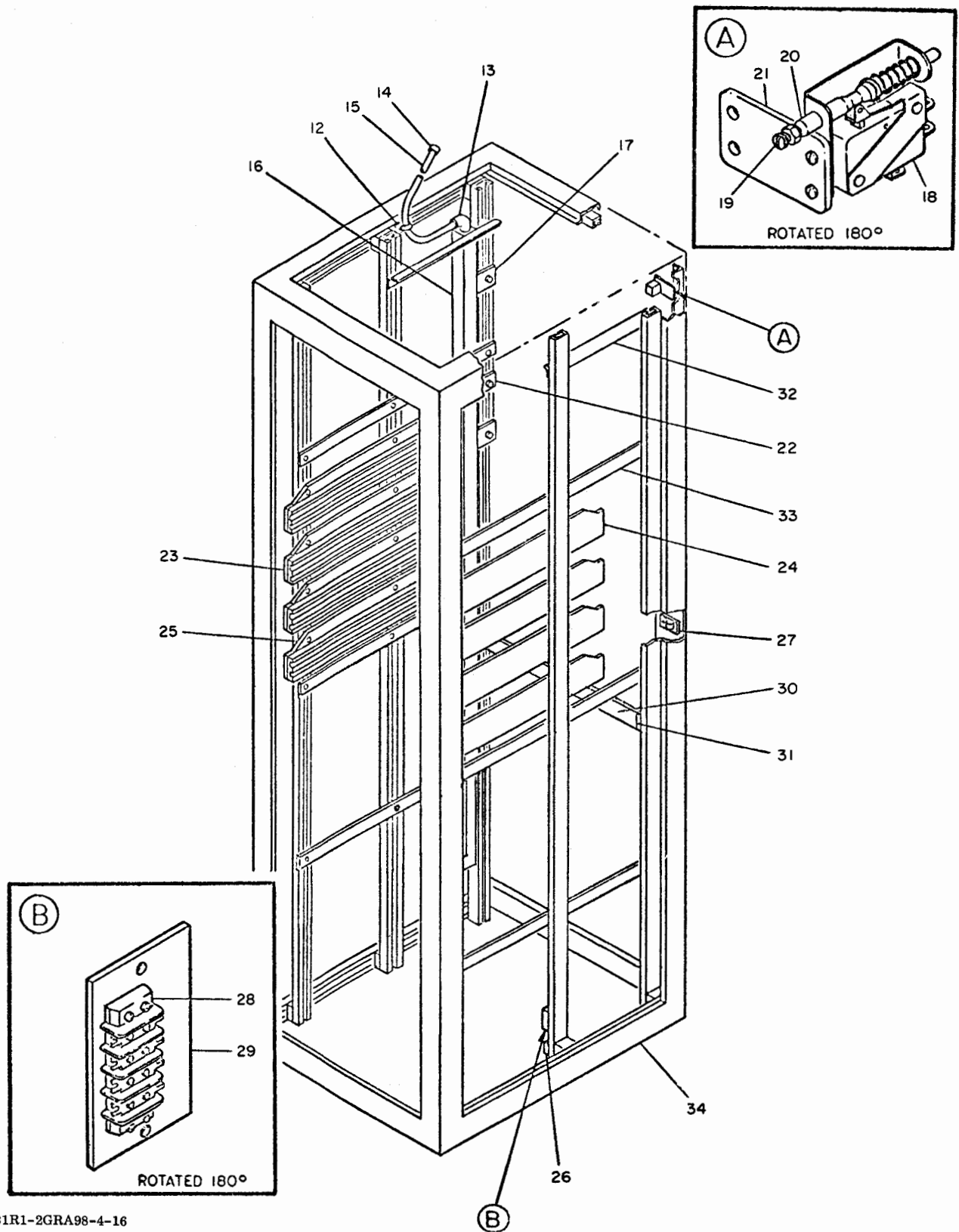


Figure 13. Power Supply Set AN/GRA-99 (Sheet 1 of 2)





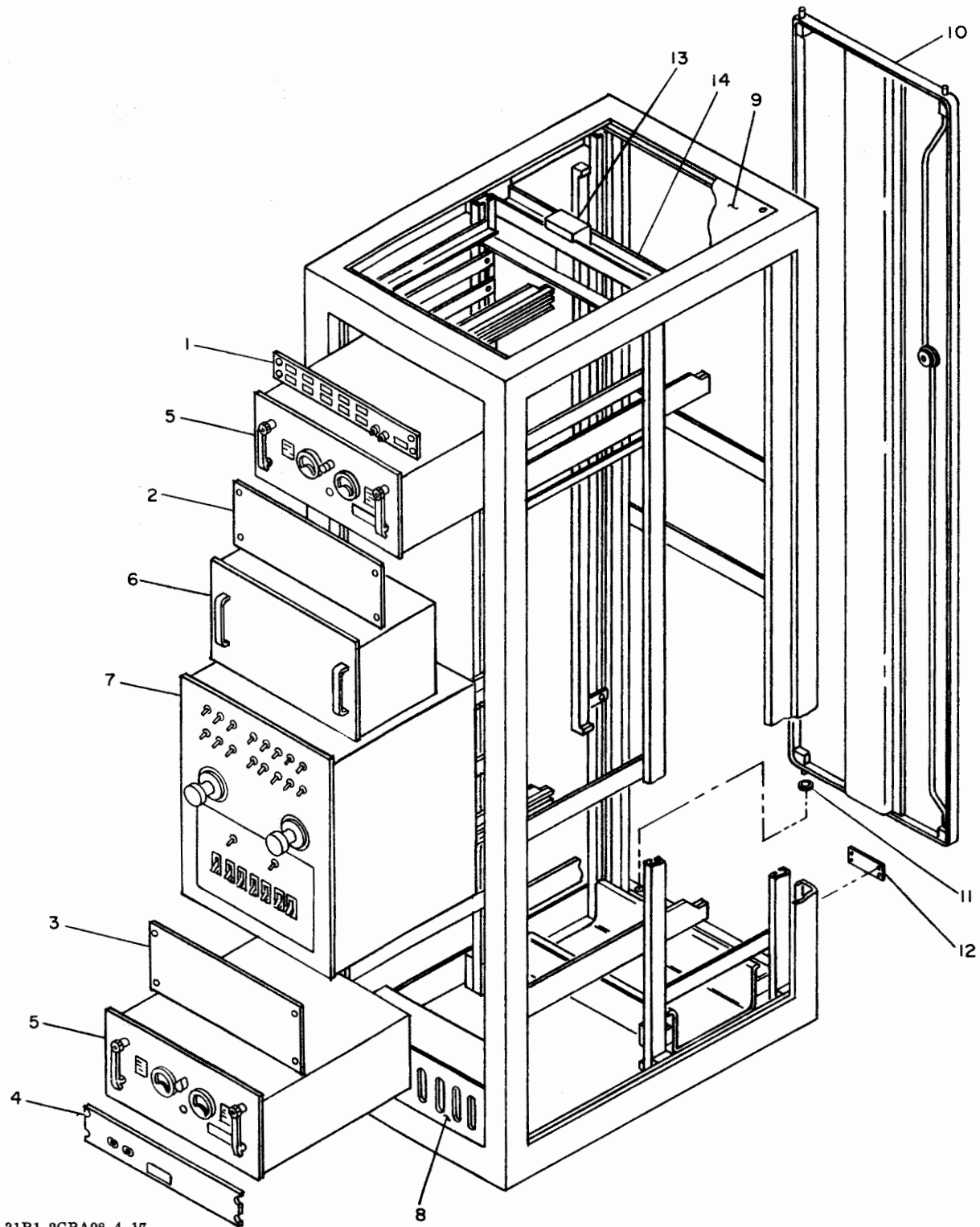
31R1-2GRA98-4-16

Figure 13. Power Supply Set AN/GRA-99 (Sheet 2 of 2)

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-----------------|---|----------|----------------|----------------|---|---|---|
|                    |                 |   |          |                |                | 1 | 2 | 3 |
| 13 -               | 234972861       | . . . POWER SUPPLY SET AN/GRA-99<br>FOR NHA SEE FIG. 12-6   |          |                | REF            |   |   |   |
| - 1                | 02-725730-1     | . . . PANEL, INDICATOR SEE FIG. 10  |          |                | 1              |   |   |   |
| - 2                | 82-724090-1     | . . . PANEL, BLANK  |          |                | 1              |   |   |   |
| - 3                | 02-727828-1     | . . . PANEL, HOLDER, CARD-LABEL   |          |                | 1              |   |   |   |
| - 4                | 82-724089-1     | . . . PANEL, BLANK  |          |                | 1              |   |   |   |
| - 4A               | 82-724571-1     | . . . PANEL, BLANK  |          |                | 1              |   |   |   |
| - 5                | 89-724729-3     | . . . METER, TIME TOTALIZING SEE FIG. 7   |          |                | 1              |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          |                | 40             |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          |                | 40             |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397<br>DWG SPEC 70-801753-2   | 95987    |                | 40             |   |   |   |
| - 6                | 247010261       | . . . POWER SUPPLY PP-3931A/FLR-9/V/ FOR<br>BREAKDOWN SEE T.O. 31S6-2FLR9-182                                 |          |                | 6              |   |   |   |
|                    | 8375-1004       | . . . POWER SUPPLY PP-3931/FLR-9/V/ PER<br>03797 DWG SPEC 02-802059-1 FOR<br>BREAKDOWN SEE T.O. 31S6-2FLR9-82 | 03045    |                | REF            |   |   |   |
| - 7                | 02-724633-1     | . . . COOLER, AIR, ELECTRONIC EQUIPMENT SEE<br>FIG. 8   |          |                | 1              |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          |                | 4              |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          |                | 4              |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          |                | 4              |   |   |   |
| - 8                | 247105562       | . . . CAP, TOP  |          |                | 1              |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51959-35      | . . . SCREW   |          |                | 4              |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          |                | 4              |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          |                | 4              |   |   |   |
|                    | MS35650-304     | . . . NUT   |          |                | 4              |   |   |   |
| - 9                | 01-801600-61    | . . . DOOR, CABINET   |          |                | 1              |   |   |   |
| - 10               | AN960B416       | . . . WASHER  |          |                | 1              |   |   |   |
| - 11               | 247107066       | . . . PLATE, IDENTIFICATION   |          |                | 1              |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS21318-8       | . . . SCREW   |          |                | 4              |   |   |   |
| - 12               | MS21919DG12     | . . . CLAMP   |          |                | 1              |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51952-48      | . . . SCREW   |          |                | 1              |   |   |   |
|                    | MS15795-807     | . . . WASHER  |          |                | 1              |   |   |   |
|                    | MS35338-137     | . . . WASHER  |          |                | 1              |   |   |   |
|                    | 81-726392-1     | . . . WASHER, SQUARE  |          |                | 1              |   |   |   |
|                    | P4006-0832      | . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-1   | 96195    |                | 1              |   |   |   |
| - 13               | 323             | . . . CLAMP, JUNCTION BOX PER 07397<br>DWG SPEC 19-801914-1   | 59730    |                | 2              |   |   |   |
| - 14               | 254             | . . . CONNECTOR, ARMORED CABLE PER 07397<br>DWG SPEC 70-801870-1  | 59730    |                | 1              |   |   |   |
| - 15               | 1/2             | . . . CONDUIT, METAL, FLEXIBLE 1/2 IN.<br>PER 07397 DWG SPEC 19-801862-1                                      | 78799    |                | AR             |   |   |   |
| - 16               | 20GB603         | . . . STRIP, AC DISTRIBUTION PER 07397<br>DWG SPEC 70-802104-1  | 79725    |                | 1              |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-63      | . . . SCREW   |          |                | 4              |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          |                | 4              |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          |                | 4              |   |   |   |
|                    | MS35650-304     | . . . NUT   |          |                | 4              |   |   |   |
| - 17               | 81-727727-1     | . . . BRACKET, DOUBLE ANGLE   |          |                | 4              |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS35307-307     | . . . SCREW   |          |                | 4              |   |   |   |
|                    | MS15795-810     | . . . WASHER  |          |                | 4              |   |   |   |
|                    | MS35338-139     | . . . WASHER  |          |                | 4              |   |   |   |
|                    | P4006-1420      | . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-3   | 96195    |                | 4              |   |   |   |
|                    | 89-725815-1     | . . . SWITCH ASSY, SENSITIVE  |          |                | 1              |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-61      | . . . SCREW   |          |                | 2              |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          |                | 2              |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          |                | 2              |   |   |   |

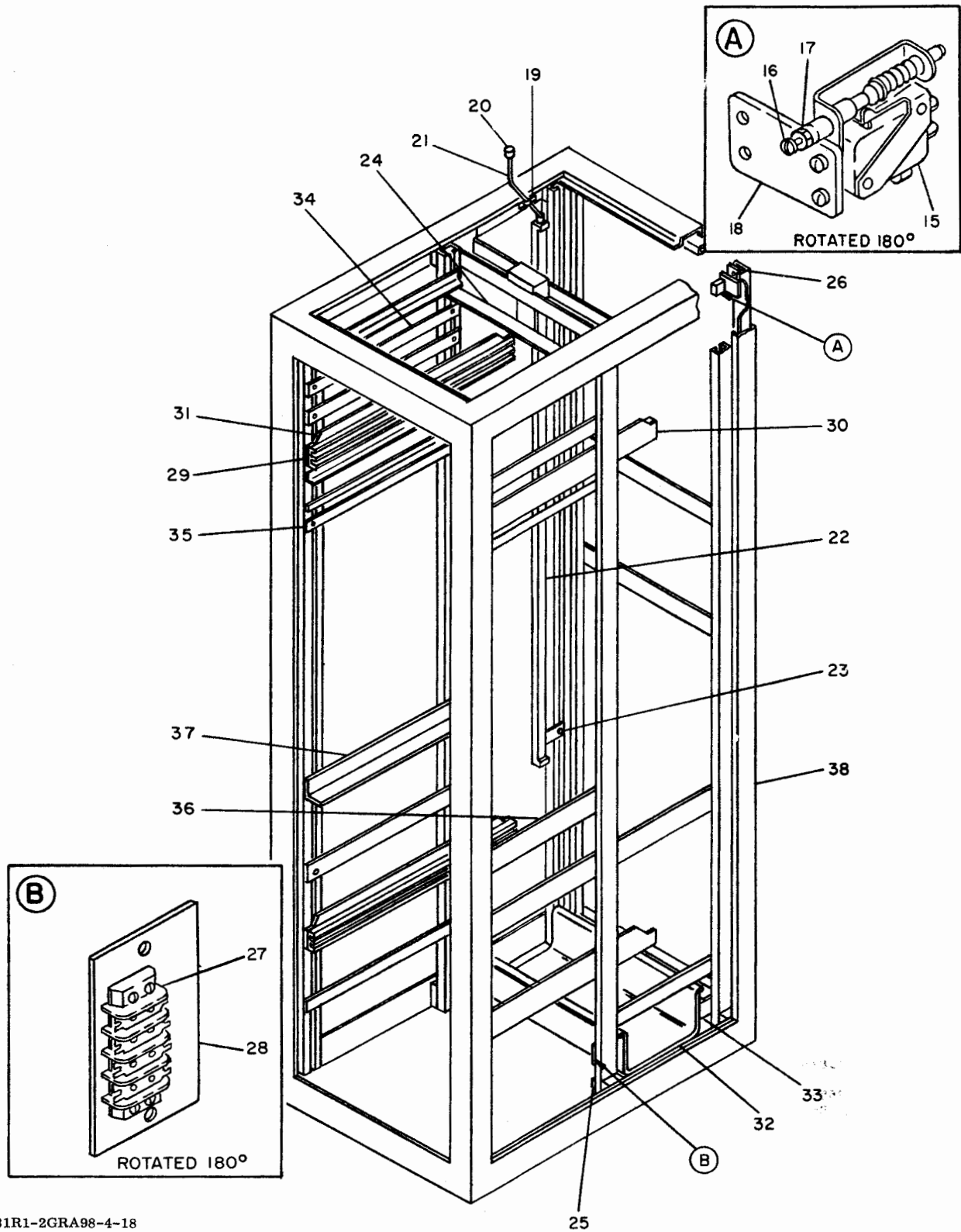
| FIG. AND<br>INDEX NO. | MFR PART NUMBER           | DESCRIPTION<br>1 2 3 4 5 6 7 8 9  | MFR<br>CODE | UNITS<br>PER<br>ASSY | USABLE<br>ON<br>CODE |
|-----------------------|---------------------------|---|-------------|----------------------|----------------------|
|                       |                           |   |             |                      |                      |
| 13 - 18               | MS16106-1                 | . . . . SWITCH, SENSITIVE<br>ATTACHING PARTS                                    |             | 1                    |                      |
|                       | MS51957-27                | . . . . SCREW   |             | 2                    |                      |
|                       | MS35338-136               | . . . . WASHER  |             | 2                    |                      |
|                       | MS15795-805               | . . . . WASHER  |             | 2                    |                      |
|                       |                           | - - - * - - - -   |             |                      |                      |
| - 19                  | MS51957-33                | . . . . SCREW   |             | 1                    |                      |
| - 20                  | MS35649-264               | . . . . NUT   |             | 1                    |                      |
| - 21                  | 89-724619-1               | . . . . PLATE, SWITCH MOUNTING  |             | 1                    |                      |
| - 22                  | 89-728119-1               | . . . . BRACKET, CABLE SUPPORT<br>ATTACHING PARTS                               |             | 5                    |                      |
|                       | MS35307-307               | . . . . SCREW   |             | 10                   |                      |
|                       | MS15795-810               | . . . . WASHER  |             | 10                   |                      |
|                       | MS35338-139               | . . . . WASHER  |             | 10                   |                      |
|                       | 81-726392-2               | . . . . WASHER, SQUARE  |             | 10                   |                      |
|                       | P4006-1420                | . . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-3                     | 96195       | 10                   |                      |
|                       |                           | - - - * - - - -   |             |                      |                      |
| - 23                  | 020071-1                  | . . . . SLIDE, CHASSIS, LH PER 07397<br>DWG SPEC 84-801620-3                    | 83508       | 4                    |                      |
| - 24                  | 020071-2                  | . . . . SLIDE, CHASSIS, RH PER 07397 DWG<br>SPEC 84-801620-4<br>ATTACHING PARTS | 83508       | 4                    |                      |
|                       | MS51959-46                | . . . . SCREW   |             | 40                   |                      |
|                       | MS51959-31                | . . . . SCREW   |             | 40                   |                      |
|                       | MS15795-805               | . . . . WASHER  |             | 40                   |                      |
|                       | MS35338-136               | . . . . WASHER  |             | 40                   |                      |
|                       | MS35649-264               | . . . . NUT   |             | 40                   |                      |
|                       |                           | - - - * - - - -   |             |                      |                      |
| - 25                  | 81-727636-1               | . . . . PLATE, MOUNTING, CHASSIS SLIDE<br>ATTACHING PARTS                       |             | 8                    |                      |
|                       | MS35307-307               | . . . . SCREW   |             | 16                   |                      |
|                       | MS15795-810               | . . . . WASHER  |             | 16                   |                      |
|                       | MS35338-139               | . . . . WASHER  |             | 16                   |                      |
|                       | P4006-1420                | . . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-3                     | 96195       | 16                   |                      |
|                       |                           | - - - * - - - -   |             |                      |                      |
| - 26                  | LSC2                      | . . . . CLAMP, CABLE PER 07397 DWG SPEC<br>70-801797-1<br>ATTACHING PARTS       | 06383       | 6                    |                      |
|                       | MS51957-48                | . . . . SCREW   |             | 6                    |                      |
|                       | MS35338-137               | . . . . WASHER  |             | 14                   |                      |
|                       | MS15795-807               | . . . . WASHER  |             | 6                    |                      |
|                       | 81-726392-1               | . . . . WASHER, SQUARE  |             | 6                    |                      |
|                       | P4006-0832                | . . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-1                     | 96195       | 6                    |                      |
|                       |                           | - - - * - - - -   |             |                      |                      |
| - 27                  | LSC2                      | . . . . CLAMP CABLE PER 07397 DWG SPEC<br>70-801797-1<br>ATTACHING PARTS        | 06383       | 8                    |                      |
|                       | MS51958-61                | . . . . SCREW   |             | 8                    |                      |
|                       | MS35338-138               | . . . . WASHER  |             | 8                    |                      |
|                       | MS15795-808               | . . . . WASHER  |             | 8                    |                      |
|                       |                           | - - - * - - - -   |             |                      |                      |
|                       | 89-726236-1               | . . . . TERMINAL BOARD ASSY AIR SWITCH<br>ATTACHING PARTS                       |             | 1                    |                      |
|                       | MS51957-48                | . . . . SCREW   |             | 2                    |                      |
|                       | MS15795-807               | . . . . WASHER  |             | 2                    |                      |
|                       | MS35338-137               | . . . . WASHER  |             | 2                    |                      |
|                       | P4006-0832                | . . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-1                     | 96195       | 2                    |                      |
|                       |                           | - - - * - - - -   |             |                      |                      |
| - 28                  | 600GMFST4SIMS600-4<br>GMG | . . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14                       | 75382       | 1                    |                      |
|                       | 4-14MMUUSMS14-4           | . . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14                       | 00629       | REF                  |                      |
|                       | 740-4-06-00613            | . . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14<br>ATTACHING PARTS    | 88223       | REF                  |                      |
|                       | MS51959-31                | . . . . SCREW   |             | 4                    |                      |
|                       | MS15795-808               | . . . . WASHER  |             | 4                    |                      |
|                       | MS35338-136               | . . . . WASHER  |             | 4                    |                      |
|                       | MS35649-264               | . . . . NUT   |             | 4                    |                      |
|                       |                           | - - - * - - - -   |             |                      |                      |
| - 29                  | 82-726233-1               | . . . . BRACKET, TERMINAL BOARD   |             | 1                    |                      |
| - 30                  | 81-726332-1               | . . . . BRACE, CABLE SUPPORT  |             | 1                    |                      |
|                       | 82-726403-2               | . . . . SUPPORT CABLE   |             | 2                    |                      |

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION                         | MFR CODE             | UNITS PER ASSY | USABLE ON CODE |
|--------------------|-----------------|-------------------------------------|----------------------|----------------|----------------|
|                    |                 |                                     |                      |                |                |
| 13 - 31            | 82-727657-1     | . . . SPACER, EQUIPMENT, MTG RAIL   |                      | 2              |                |
|                    |                 | ATTACHING PARTS                     |                      |                |                |
|                    | MS35307-314     | . . . SCREW                         |                      | 2              |                |
|                    | MS15795-810     | . . . WASHER                        |                      | 2              |                |
|                    | MS35338-139     | . . . WASHER                        |                      | 2              |                |
|                    | P4006-1420      | . . . NUT, GANG, CHANNEL PER 07397  | 96195                | 2              |                |
|                    |                 | DWG SPEC 70-801745-3                |                      |                |                |
| - 32               | MS51957-48      | . . . SCREW                         |                      | 4              |                |
|                    | MS15795-807     | . . . WASHER                        |                      | 4              |                |
|                    | MS35338-137     | . . . WASHER                        |                      | 4              |                |
|                    | P4006-0832      | . . . NUT, GANG CHANNEL PER 07397   | 96195                | 4              |                |
|                    |                 |                                     | DWG SPEC 70-801745-1 |                |                |
|                    |                 | - - - * - - -                       |                      |                |                |
| - 33               | 81-728084-3     | . . . BRACKET, CABLE RETAINER       |                      | 6              |                |
|                    |                 | ATTACHING PARTS                     |                      |                |                |
|                    | MS51957-48      | . . . SCREW                         |                      | 18             |                |
|                    | MS15795-807     | . . . WASHER                        |                      | 18             |                |
|                    | MS35338-137     | . . . WASHER                        |                      | 18             |                |
|                    | P4006-0832      | . . . NUT, GANG CHANNEL PER 07397   |                      | 18             |                |
|                    |                 | DWG SPEC 70-801745-1                |                      |                |                |
|                    |                 | - - - * - - -                       |                      |                |                |
| - 34               | 247105462       | . . . CABINET, ELECTRICAL EQUIPMENT |                      | 1              |                |



31R1-2GRA98-4-17

Figure 14. Control-Power Supply Group AN/GRA-100 (Sheet 1 of 2)



31R1-2GRA98-4-18

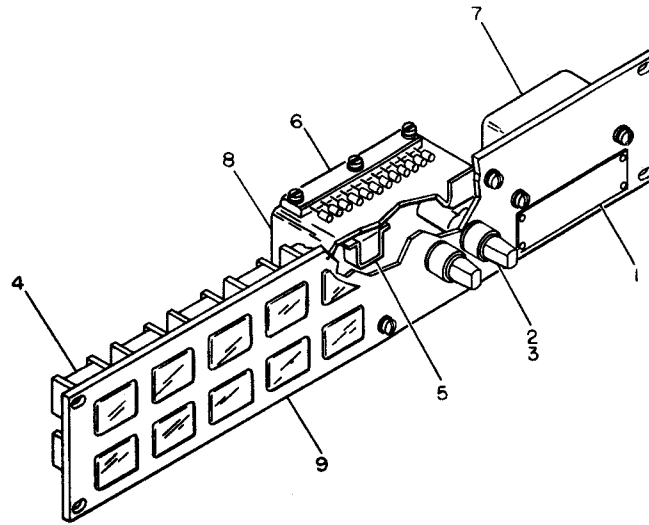
Figure 14. Control-Power Supply Group AN/GRA-100 (Sheet 2 of 2)

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-----------------|---|----------|----------------|----------------|---|---|---|
|                    |                 |   |          |                |                | 1 | 2 | 3 |
| 14 -               | 234972961       | . . . CONTROL-POWER SUPPLY GROUP AN/GRA-100<br>FOR NHA SEE FIG. 12-7  |          | REF            |                |   |   |   |
| - 1                | 02-725944-1     | . . . PANEL, INDICATOR SEE FIG. 15  |          | 1              |                |   |   |   |
| - 2                | 82-724571-1     | . . . PANEL, BLANK  |          | 1              |                |   |   |   |
| - 3                | 82-724572-1     | . . . PANEL, BLANK  |          | 1              |                |   |   |   |
| - 4                | 89-724731-1     | . . . INTERCONNECTING BOX SEE FIG. 21   |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 16             |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 16             |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397<br>DWG SPEC 70-801753-2   | 95987    | 16             |                |   |   |   |
| - 5                | 247010261       | . . . POWER SUPPLY PP-3931A/FLR-9<br>SEE T.O. 31S6-2FLR9-182  |          | 2              |                |   |   |   |
|                    | 8375-1004       | □ . . . POWER SUPPLY PP-3931/FLR-9/V/<br>PER 07397 DWG SPEC 02-802059-1 FOR<br>BREAKDOWN SEE T.O. 31S6-2FLR9-82 | 03045    | REF            |                |   |   |   |
| - 6                | 02-727827-1     | . . . DISTRIBUTION BOX SEE FIG. 17  |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 8              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 8              |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397<br>DWG SPEC 70-801753-2   | 95987    | 8              |                |   |   |   |
| - 7                | 02-728543-1     | . . . PANEL, POWER DISTRIBUTION SEE FIG. 18   |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 12             |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 12             |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397<br>DWG SPEC 70-801753-2   | 95987    | 12             |                |   |   |   |
| - 8                | 02-724633-1     | . . . COOLER, AIR, ELECTRONIC EQUIPMENT<br>SEE FIG. 8   |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-64      | . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 4              |                |   |   |   |
| - 9                | 247105561       | . . . CAP, TOP  |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51959-35      | . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35650-304     | . . . NUT   |          | 4              |                |   |   |   |
| - 10               | 01-801600-61    | . . . DOOR, CABINET   |          | 1              |                |   |   |   |
| - 11               | AN9608416       | . . . WASHER  |          | 1              |                |   |   |   |
| - 12               | 2471070G7       | . . . PLATE, IDENTIFICATION   |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS21318-8       | . . . SCREW   |          | 4              |                |   |   |   |
|                    | 89-726968-1     | . . . BRACKET ASSY, THERMOSTAT  |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS35307-306     | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS15795-810     | . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS35338-139     | . . . WASHER  |          | 2              |                |   |   |   |
|                    | P6006-1420      | . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-8   | 96195    | 2              |                |   |   |   |
| - 13               | 20410           | . . . SWITCH, THERMOSTAT PER 07397<br>DWG SPEC 33-801782-1  | 73168    | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-45      | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS15795-807     | . . . WASHER  |          | 2              |                |   |   |   |
|                    | NAS1022C08      | . . . NUT   |          | 2              |                |   |   |   |
| - 14               | 82-724620-1     | . . . BRACKET, MOUNTING   |          | 1              |                |   |   |   |
|                    | 89-725815-1     | . . . SWITCH ASSY, SENSITIVE  |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51958-61      | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS35338-138     | . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER  |          | 2              |                |   |   |   |
| - 15               | MS16106-1       | . . . SWITCH, SENSITIVE   |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-27      | . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS35338-136     | . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS15795-805     | . . . WASHER  |          | 2              |                |   |   |   |

| FIG. AND INDEX NO. | MFR PART NUMBER    | DESCRIPTION  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|--------------------|--|----------|----------------|----------------|---|---|---|
|                    |                    |  |          |                |                | 1 | 2 | 3 |
| 14 - 16            | MS51957-33         | . . . . SCREW  |          | 1              |                |   |   |   |
| - 17               | MS35649-264        | . . . . NUT  |          | 1              |                |   |   |   |
| - 18               | 82-724619-1        | . . . . PLATE, MOUNTING  |          | 1              |                |   |   |   |
| - 19               | MS21919DG12        | . . . . CLAMP  |          | 2              |                |   |   |   |
|                    |                    | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-46         | . . . . SCREW  |          | 2              |                |   |   |   |
|                    | MS15795-807        | . . . . WASHER   |          | 2              |                |   |   |   |
|                    | MS35338-137        | . . . . WASHER   |          | 2              |                |   |   |   |
|                    | MS35649-284        | . . . . NUT  |          | 2              |                |   |   |   |
| - 20               | 254                | . . . . CONNECTOR, ARMORED CABLE PER 07397<br>DWG SPEC 70-801870-1         | 59730    | 2              |                |   |   |   |
| - 21               | 1/2                | . . . . CONDUIT, METAL, FLEXIBLE 1/2 IN.<br>PER 07397 DWG SPEC 19-801862-1 | 78799    | AR             |                |   |   |   |
|                    |                    | ATTACHING PARTS  |          |                |                |   |   |   |
| - 22               | 20GB303            | . . . . STRIP, AC DISTRIBUTION PER 07397<br>DWG SPEC 70-802104-2           | 79725    | 1              |                |   |   |   |
|                    | MS51958-64         | . . . . SCREW  |          | 3              |                |   |   |   |
|                    | MS15795-808        | . . . . WASHER   |          | 3              |                |   |   |   |
|                    | MS35338-138        | . . . . WASHER   |          | 3              |                |   |   |   |
|                    | MS35650-304        | . . . . NUT  |          | 3              |                |   |   |   |
| - 23               | 81-727727-1        | . . . . BRACKET, DOUBLE ANGLE  |          | 3              |                |   |   |   |
|                    | MS35307-307        | . . . . SCREW  |          | 3              |                |   |   |   |
|                    | MS15795-810        | . . . . WASHER   |          | 3              |                |   |   |   |
|                    | MS35338-139        | . . . . WASHER   |          | 3              |                |   |   |   |
|                    | P4006-1420         | . . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-3                | 96195    | 3              |                |   |   |   |
| - 24               | 81-728119-1        | . . . . BRACE, CABLE SUPPORT   |          | 4              |                |   |   |   |
|                    |                    | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS35307-307        | . . . . SCREW  |          | 8              |                |   |   |   |
|                    | MS15795-810        | . . . . WASHER   |          | 8              |                |   |   |   |
|                    | MS35338-139        | . . . . WASHER   |          | 8              |                |   |   |   |
|                    | 81-726392-2        | . . . . WASHER, SQUARE   |          | 8              |                |   |   |   |
|                    | P4006-1420         | . . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-3                | 96195    | 8              |                |   |   |   |
| - 25               | LSC2               | . . . . CLAMP, LOOP PER 07397<br>DWG SPEC 70-801797-1                      | 06383    | 3              |                |   |   |   |
|                    |                    | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-48         | . . . . SCREW  |          | 3              |                |   |   |   |
|                    | MS15795-807        | . . . . WASHER   |          | 3              |                |   |   |   |
|                    | MS35338-137        | . . . . WASHER   |          | 3              |                |   |   |   |
|                    | 81-726392-1        | . . . . WASHER, SQUARE   |          | 3              |                |   |   |   |
|                    | P4006-0832         | . . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-1                | 96195    | 3              |                |   |   |   |
| - 26               | LSC2               | . . . . CLAMP, LOOP PER 07397<br>DWG SPEC 70-801797-1                      | 06383    | 5              |                |   |   |   |
|                    |                    | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51958-61         | . . . . SCREW  |          | 5              |                |   |   |   |
|                    | MS35338-138        | . . . . WASHER   |          | 5              |                |   |   |   |
|                    | MS15795-808        | . . . . WASHER   |          | 5              |                |   |   |   |
|                    | 89-726236-1        | . . . . TERMINAL BOARD ASSY, AIRSWITCH                                     |          | 1              |                |   |   |   |
|                    |                    | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS5A57-48          | . . . . SCREW  |          | 2              |                |   |   |   |
|                    | MS15795-807        | . . . . WASHER   |          | 2              |                |   |   |   |
|                    | MS35338-137        | . . . . WASHER   |          | 2              |                |   |   |   |
|                    | P4006-0832         | . . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-1                | 96195    | 2              |                |   |   |   |
| - 27               | 600GMFST4SIMS600-4 | . . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14                  | 75382    | 1              |                |   |   |   |
|                    | GMG                | . . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14                  | 00629    | REF            |                |   |   |   |
|                    | 4-14MMUUSMS14-4    | . . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14                  | 88223    | REF            |                |   |   |   |
|                    | 740-4-06-00613     | . . . . TERMINAL BOARD PER 07397<br>DWG SPEC 73-801825-14                  |          |                |                |   |   |   |
|                    |                    | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51959-31         | . . . . SCREW  |          | 4              |                |   |   |   |
|                    | MS15795-808        | . . . . WASHER   |          | 4              |                |   |   |   |
|                    | MS35338-136        | . . . . WASHER   |          | 4              |                |   |   |   |
|                    | MS35649-264        | . . . . NUT  |          | 4              |                |   |   |   |
| - 28               | 82-726233-1        | . . . . BRACKET, TERMINAL BOARD  |          | 1              |                |   |   |   |
| - 29               | 020071-1           | . . . . SLIDE, CHASSIS, LH PER 07397 DWG SPEC<br>84-801620-3               | 83508    | 2              |                |   |   |   |



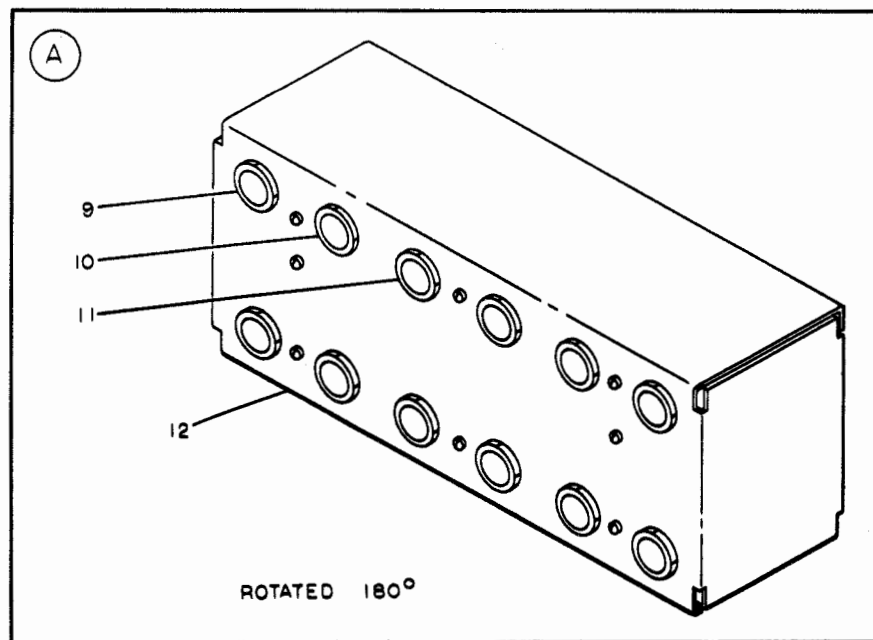
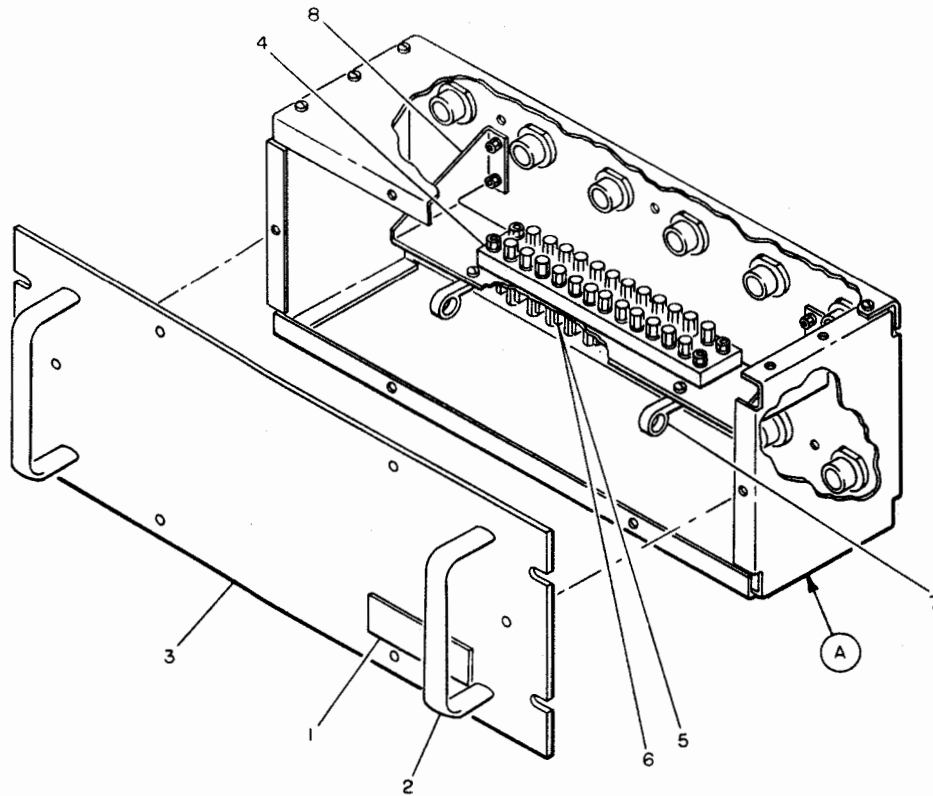
| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION  | MFR CODE | UNITS    | USABLE ON CODE |
|--------------------|-----------------|--|----------|----------|----------------|
|                    |                 |  |          | PER ASSY |                |
|                    |                 | 1 2 3 4 5 6 7 8 9  |          |          |                |
| 14 - 30            | 020071-2        | . . . SLIDE, CHASSIS, RH PER 07397<br>DWG SPEC 84-801620-4 | 83508    | 2        |                |
|                    |                 | ATTACHING PARTS  |          |          |                |
|                    | MS51959-46      | . . . SCREW  |          | 20       |                |
|                    | MS51959-31      | . . . SCREW  |          | 20       |                |
|                    | MS15795-805     | . . . WASHER   |          | 20       |                |
|                    | MS35338-136     | . . . WASHER   |          | 20       |                |
|                    | MS35649-264     | . . . NUT  |          | 20       |                |
|                    |                 | - - - * - - -  |          |          |                |
| - 31               | 81-727636-1     | . . . PLATE, MOUNTING, CHASSIS SLIDE                       |          | 4        |                |
|                    |                 | ATTACHING PARTS  |          |          |                |
|                    | MS35307-307     | . . . SCREW  |          | 8        |                |
|                    | MS15795-810     | . . . WASHER   |          | 8        |                |
|                    | MS35338-139     | . . . WASHER   |          | 8        |                |
|                    | P4006-1420      | . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-3  | 96195    | 8        |                |
|                    |                 | - - - * - - -  |          |          |                |
| - 32               | 81-727786-3     | . . . RACK, CABLE, INTERIOR                                |          | 1        |                |
|                    |                 | ATTACHING PARTS  |          |          |                |
|                    | MS51958-64      | . . . SCREW  |          | 2        |                |
|                    | MS15795-808     | . . . WASHER   |          | 2        |                |
|                    | MS35338-138     | . . . WASHER   |          | 2        |                |
|                    | MS35650-304     | . . . NUT  |          | 2        |                |
|                    |                 | - - - * - - -  |          |          |                |
| - 33               | 82-727787-1     | . . . BRACKET, ANGLE                                       |          | 2        |                |
|                    |                 | ATTACHING PARTS  |          |          |                |
|                    | MS35307-307     | . . . SCREW  |          | 2        |                |
|                    | MS15795-810     | . . . WASHER   |          | 2        |                |
|                    | MS35338-139     | . . . WASHER   |          | 2        |                |
|                    | P4006-1420      | . . . NUT, GANG, CHANNEL PER 07397 DWG<br>SPEC 70-801745-3 | 96195    | 2        |                |
|                    |                 | - - - * - - -  |          |          |                |
| - 34               | 82-726403-2     | . . . SUPPORT, CABLE                                       |          | 4        |                |
|                    |                 | ATTACHING PARTS  |          |          |                |
|                    | MS51957-48      | . . . SCREW  |          | 8        |                |
|                    | MS15795-807     | . . . WASHER   |          | 8        |                |
|                    | MS35338-137     | . . . WASHER   |          | 8        |                |
|                    | P4006-0832      | . . . NUT, GANG, CHANNEL PER 07397<br>DWG SPEC 70-801745-1 | 96195    | 8        |                |
|                    |                 | - - - * - - -  |          |          |                |
| - 35               | 81-728084-3     | . . . BRACKET, CABLE RETAINER                              |          | 8        |                |
|                    |                 | ATTACHING PARTS  |          |          |                |
|                    | MS51957-48      | . . . SCREW  |          | 24       |                |
|                    | MS15795-807     | . . . WASHER   |          | 24       |                |
|                    | MS35338-137     | . . . WASHER   |          | 24       |                |
|                    | P4006-0832      | . . . NUT, GANG, CHANNEL PER 07397<br>DWG SPEC 70-801745-1 | 96195    | 24       |                |
|                    |                 | - - - * - - -  |          |          |                |
| - 36               | 82-724808-1     | . . . BRACKET, ANGLE                                       |          | 1        |                |
| - 37               | 82-724808-2     | . . . BRACKET, ANGLE                                       |          | 1        |                |
|                    |                 | ATTACHING PARTS  |          |          |                |
|                    | MS35307-307     | . . . SCREW  |          | 4        |                |
|                    | MS15795-810     | . . . WASHER   |          | 4        |                |
|                    | MS35338-139     | . . . WASHER   |          | 4        |                |
|                    | P4006-1420      | . . . NUT, GANG CHANNEL PER 07397<br>DWG SPEC 70-801745-3  | 96195    | 4        |                |
|                    |                 | - - - * - - -  |          |          |                |
| - 38               | 247105462       | . . . CABINET, ELECTRICAL EQUIPMENT                        |          | 1        |                |



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Figure 15. Indicator Panel SB-2311/FLR-9(V)

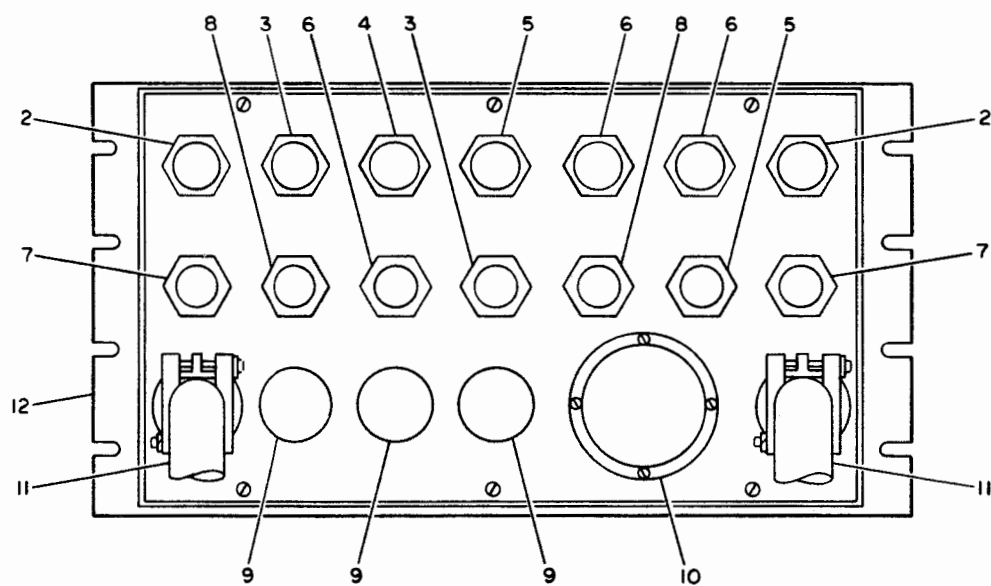
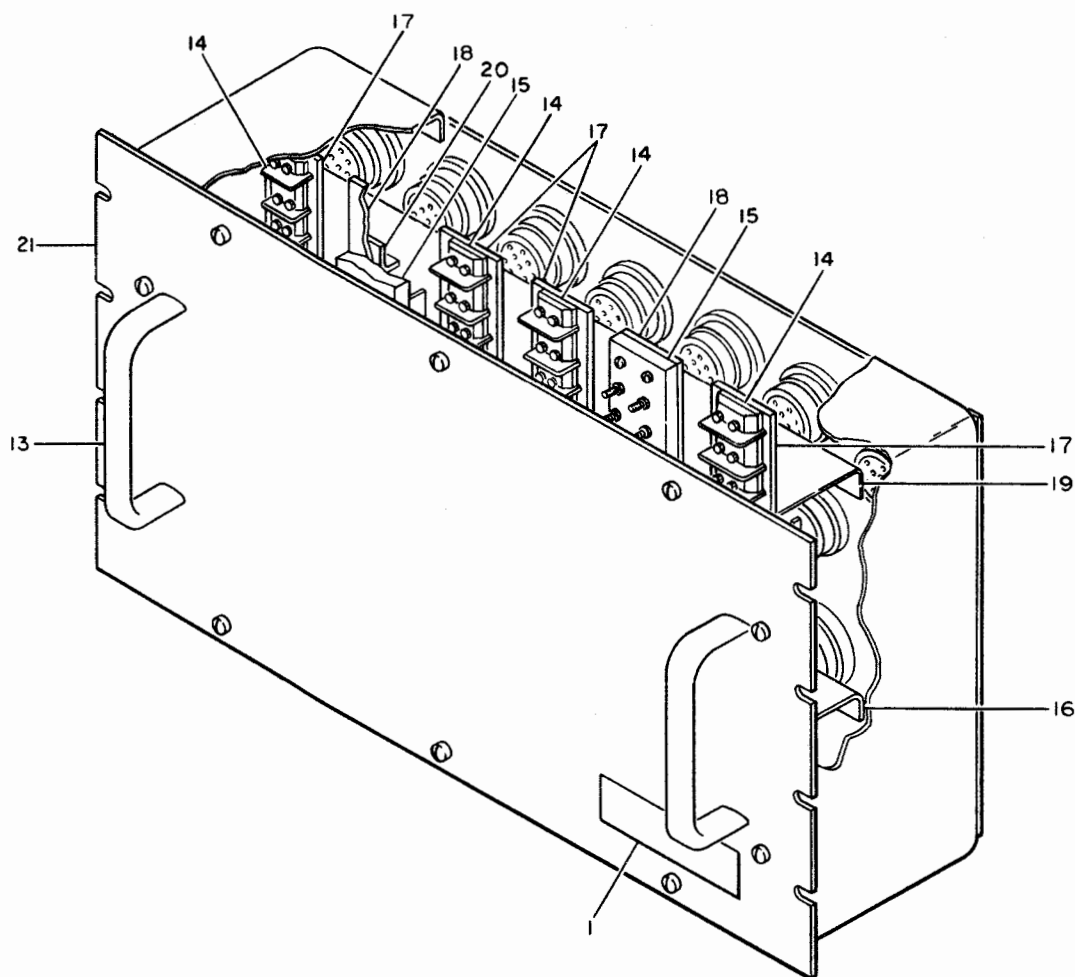
| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION  | 1 2 3 4 5 6 7 8 9 |   |   |   |   |   |   |   |   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |
|--------------------|-----------------|--|-------------------|---|---|---|---|---|---|---|---|----------|----------------|----------------|
|                    |                 |  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |          |                |                |
| 15 -               | 02-725944-1     | . . . PANEL, INDICATOR SB-2311/FLR-9/V/<br>FOR NHA SEE FIG. 14-1 |                   |   |   |   |   |   |   |   |   |          |                | REF            |
| - 1                | 74-725900-313   | . . . . PLATE, IDENTIFICATION                                    |                   |   |   |   |   |   |   |   |   |          |                | 1              |
|                    | MS21318-8       | ATTACHING PARTS<br>. . . . SCREW                                 |                   |   |   |   |   |   |   |   |   |          |                | 4              |
| - 2                | MS90078-7       | . . . . FUSE   |                   |   |   |   |   |   |   |   |   |          |                | 1              |
|                    | MS90078-7       | . . . . FUSE, SPARE  |                   |   |   |   |   |   |   |   |   |          |                | 1              |
| - 3                | FHL17G1         | . . . . FUSEHOLDER   |                   |   |   |   |   |   |   |   |   |          |                | 1              |
|                    | FHL17G1         | . . . . FUSEHOLDER, SPARE  |                   |   |   |   |   |   |   |   |   |          |                | 1              |
| - 4                | 1028-4          | . . . . SWITCH, INDICATOR PER 07397<br>DWG SPEC 02-801741-4      |                   |   |   |   |   |   |   |   |   | 96182    |                | 10             |
| - 5                | RY4NA3B3L01     | . . . . RELAY  |                   |   |   |   |   |   |   |   |   |          |                | 1              |
|                    | MS51957-4       | ATTACHING PARTS<br>. . . . SCREW                                 |                   |   |   |   |   |   |   |   |   |          |                | 2              |
|                    | MS15795-802     | . . . . WASHER   |                   |   |   |   |   |   |   |   |   |          |                | 2              |
|                    | MS35338-134     | . . . . WASHER   |                   |   |   |   |   |   |   |   |   |          |                | 2              |
|                    | MS35649-224     | . . . . NUT  |                   |   |   |   |   |   |   |   |   |          |                | 2              |
|                    | 42574-3         | . . . . PIN, TAPER PER 07397<br>DWG SPEC 73-801779-1             |                   |   |   |   |   |   |   |   |   | 00779    |                | 22             |
| - 6                | 480065-6        | . . . . BLOCK, TAPER PIN PER 07397<br>DWG SPEC 73-801778-5       |                   |   |   |   |   |   |   |   |   | 00779    |                | 2              |
|                    | MS51957-33      | ATTACHING PARTS<br>. . . . SCREW                                 |                   |   |   |   |   |   |   |   |   |          |                | 3              |
|                    | MS15795-805     | . . . . WASHER   |                   |   |   |   |   |   |   |   |   |          |                | 3              |
|                    | NAS679C06M      | . . . . NUT  |                   |   |   |   |   |   |   |   |   |          |                | 3              |
| - 7                | MCHJ3000        | . . . . BUZZER PER 07397 DWG<br>SPEC 26-801821-1                 |                   |   |   |   |   |   |   |   |   | 07065    |                | 1              |
|                    | MS51957-31      | ATTACHING PARTS<br>. . . . SCREW                                 |                   |   |   |   |   |   |   |   |   |          |                | 2              |
|                    | MS15795-805     | . . . . WASHER   |                   |   |   |   |   |   |   |   |   |          |                | 2              |
|                    | NAS679C06M      | . . . . NUT  |                   |   |   |   |   |   |   |   |   |          |                | 2              |
| - 8                | 84-724733-1     | . . . . BRACKET, MOUNTING  |                   |   |   |   |   |   |   |   |   |          |                | 1              |
|                    | MS51957-31      | ATTACHING PARTS<br>. . . . SCREW                                 |                   |   |   |   |   |   |   |   |   |          |                | 3              |
|                    | MS15795-805     | . . . . WASHER   |                   |   |   |   |   |   |   |   |   |          |                | 6              |
|                    | NAS679C06M      | . . . . NUT  |                   |   |   |   |   |   |   |   |   |          |                | 3              |
| - 9                | 82-727596-1     | . . . . PANEL, BLANK   |                   |   |   |   |   |   |   |   |   |          |                | 1              |



31R1-2GRA98-4-19

Figure 16. Interconnecting Box J-2549/FLR-9(V)

| FIG. AND INDEX NO. | MFR PART NUMBER      | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |   |   |   |   |   |   |  |  |
|--------------------|----------------------|---|----------|----------------|----------------|---|---|---|---|---|---|---|---|---|--|--|
|                    |                      |   |          |                |                | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |  |
| 16 -               | 02-728311-1          | . . . INTERCONNECTING BOX J-2549/FLR-9/V/<br>FOR NHA SEE FIG. 19-6          |          |                | REF            |   |   |   |   |   |   |   |   |   |  |  |
| - 1                | 74-725900-612        | . . . PLATE, IDENTIFICATION   |          |                | 1              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS21318-8            | . . . ATTACHING PARTS<br>. . . SCREW  |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
| - 2                | 2385-2               | . . . HANDLE, BOW PER 07397 DWG SPEC<br>74-801832-2                         | 71279    |                | 2              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS51957-63           | . . . ATTACHING PARTS<br>. . . SCREW  |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS35338-138          | . . . WASHER  |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS15795-808          | . . . WASHER  |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
| - 3                | 82-728546-1          | . . . PANEL, FRONT  |          |                | 1              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS51957-30           | . . . ATTACHING PARTS<br>. . . SCREW  |          |                | 6              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS15795-805          | . . . WASHER  |          |                | 6              |   |   |   |   |   |   |   |   |   |  |  |
| - 4                | 83-725653-1          | . . . BAR, TERMINAL   |          |                | 1              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS51959-48           | . . . ATTACHING PARTS<br>. . . SCREW  |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS15795-807          | . . . WASHER  |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
|                    | NAS679X08            | . . . NUT   |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS51957-49           | . . . SCREW   |          |                | 24             |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS35338-137          | . . . WASHER  |          |                | 24             |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS35649-284          | . . . NUT   |          |                | 24             |   |   |   |   |   |   |   |   |   |  |  |
| - 5                | 83-725653-101        | . . . BAR, TERMINAL   |          |                | 1              |   |   |   |   |   |   |   |   |   |  |  |
|                    | 602                  | . . . JUMPER, TERMINAL PER 07397 DWG<br>SPEC 73-801957-1                    | 75382    |                | 12             |   |   |   |   |   |   |   |   |   |  |  |
| - 6                | 602GMF2202-18MS602-1 | . . . TERMINAL BOARD PER 07397 DWG<br>SPEC 73-801825-25                     | 75382    |                | 1              |   |   |   |   |   |   |   |   |   |  |  |
|                    | 8GMG                 | . . . TERMINAL BOARD PER 07397 DWG<br>SPEC 73-801825-25                     | 00629    |                | REF            |   |   |   |   |   |   |   |   |   |  |  |
|                    | 18-21MM8MS21-18      | . . . TERMINAL BOARD PER 07397 DWG<br>SPEC 73-801825-25                     | 88223    |                | REF            |   |   |   |   |   |   |   |   |   |  |  |
|                    | 742-18-06-00624      | . . . ATTACHING PARTS<br>. . . SCREW  |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS15795-807          | . . . WASHER  |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
|                    | NAS679X08            | . . . NUT   |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
| - 7                | LSC2                 | . . . CLAMP, LOOP PER 07397 DWG SPEC<br>70-801797-1                         | 06383    |                | 2              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS51957-30           | . . . ATTACHING PARTS<br>. . . SCREW  |          |                | 2              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS15795-805          | . . . WASHER  |          |                | 2              |   |   |   |   |   |   |   |   |   |  |  |
|                    | NAS679X06            | . . . NUT   |          |                | 2              |   |   |   |   |   |   |   |   |   |  |  |
| - 8                | 82-728545-1          | . . . BRACKET   |          |                | 1              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS51957-30           | . . . ATTACHING PARTS<br>. . . SCREW  |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
|                    | MS15795-805          | . . . WASHER  |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
|                    | NAS679X06            | . . . NUT   |          |                | 4              |   |   |   |   |   |   |   |   |   |  |  |
|                    | B1616PCB01           | . . . CONTACT, ELECTRICAL PER 07397 DWG<br>SPEC 73-802109-4                 | 71468    |                | 22             |   |   |   |   |   |   |   |   |   |  |  |
|                    | 0004-065-000         | . . . CONTACT, ELECTRICAL PER 07397 DWG<br>SPEC 73-802109-4                 | 11139    |                | REF            |   |   |   |   |   |   |   |   |   |  |  |
| - 9                | PT07SE18-11PZ        | . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-119 | 77820    |                | 1              |   |   |   |   |   |   |   |   |   |  |  |
|                    | KPTM07E18-11PZF120   | . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-119 | 71468    |                | REF            |   |   |   |   |   |   |   |   |   |  |  |
| - 10               | PT07SE18-11P         | . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-115 | 77820    |                | 1              |   |   |   |   |   |   |   |   |   |  |  |
|                    | KPTM07E18-11PF120    | . . . CONNECTOR, ELECTRICAL, RECEPTACLE<br>PER 07397 DWG SPEC 73-802019-115 | 71468    |                | REF            |   |   |   |   |   |   |   |   |   |  |  |
|                    | B1616SCD01           | . . . CONTACT, ELECTRICAL PER 07397<br>DWG SPEC 73-802109-3                 | 71468    |                | 110            |   |   |   |   |   |   |   |   |   |  |  |
|                    | 0007-013-000         | . . . CONTACT, ELECTRICAL PER 07397 DWG<br>SPEC 73-802109-3                 | 11139    |                | REF            |   |   |   |   |   |   |   |   |   |  |  |
| - 11               | PT07SE18-11S         | . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-120 | 77820    |                | 10             |   |   |   |   |   |   |   |   |   |  |  |
|                    | KPTM07E18-11SF120    | . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-120 | 71468    |                | REF            |   |   |   |   |   |   |   |   |   |  |  |
| - 12               | 82-728544-1          | . . . CHASSIS, ELECTRICAL EQUIPMENT   |          |                | 1              |   |   |   |   |   |   |   |   |   |  |  |



31R1-2GRA98-4-20

REAR VIEW

Figure 17. Distribution Box J-2550/FLR-9(V)

| FIG. AND INDEX NO. | MFR PART NUMBER      | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|----------------------|---|----------|----------------|----------------|---|---|---|
|                    |                      |   |          |                |                | 1 | 2 | 3 |
| 17 -               | 02-727827-1          | . . . DISTRIBUTION BOX J-2550/FLR-9/V/<br>FOR NHA SEE FIG. 14-6                 |          | REF            |                |   |   |   |
| - 1                | 74-725900-581        | . . . . PLATE, IDENTIFICATION   |          | 1              |                |   |   |   |
|                    | MS21318-8            | ATTACHING PARTS<br>. . . . SCREW  |          | 4              |                |   |   |   |
|                    | B1616SCD01           | . . . . CONTACT, ELECTRICAL PER 07397 DWG<br>SPEC 73-802109-3                   | 71468    | 152            |                |   |   |   |
|                    | 0007-013-000         | □ . . . . CONTACT, ELECTRICAL PER 07397 DWG<br>SPEC 73-802109-3                 | 11139    | REF            |                |   |   |   |
| - 2                | PT07SE20-16S         | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-150   | 77820    | 2              |                |   |   |   |
|                    | KPTM07E20-16SF120    | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-150 | 71468    | REF            |                |   |   |   |
| - 3                | PT07SE18-11SX        | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-122   | 77820    | 2              |                |   |   |   |
|                    | KPTM07E18-11SXF120   | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-122 | 71468    | REF            |                |   |   |   |
| - 4                | PT07SE18-11SY        | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-123   | 77820    | 1              |                |   |   |   |
|                    | KPTM07E18-11SYF120   | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-123 | 71468    | REF            |                |   |   |   |
| - 5                | PT07SE18-11SW        | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-121   | 77820    | 2              |                |   |   |   |
|                    | KPTM07E18-11SWF120   | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-121 | 71468    | REF            |                |   |   |   |
| - 6                | PT07SE18-11S         | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-120   | 77820    | 3              |                |   |   |   |
|                    | KPTM07E18-11SF120    | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-120 | 71468    | REF            |                |   |   |   |
| - 7                | PT07SE14-5S          | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-52    | 77820    | 2              |                |   |   |   |
|                    | KPTM07E14-5SF120     | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-52  | 71468    | REF            |                |   |   |   |
| - 8                | PT07SE18-11SZ        | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-124   | 77820    | 2              |                |   |   |   |
|                    | KPTM07E18-11SZF120   | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-124 | 71468    | REF            |                |   |   |   |
| - 9                | 7410B                | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-801796-4     | 74545    | 3              |                |   |   |   |
|                    |                      | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-28           | . . . . SCREW   |          | 6              |                |   |   |   |
|                    | MS35338-136          | . . . . WASHER  |          | 6              |                |   |   |   |
|                    | MS15795-805          | . . . . WASHER  |          | 6              |                |   |   |   |
| - 10               | 7408                 | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-801796-3     |          | 1              |                |   |   |   |
|                    |                      | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-44           | . . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS15795-807          | . . . . WASHER  |          | 4              |                |   |   |   |
|                    | NAS679X08            | . . . . NUT   |          | 4              |                |   |   |   |
| - 11               | AN3064-20            | . . . . BOX CONNECTOR   |          | 2              |                |   |   |   |
|                    | AN3066-20            | . . . . NUT   |          | 2              |                |   |   |   |
|                    | AN3420-20            | . . . . BUSHING   |          | 1              |                |   |   |   |
|                    | MS3057-20A           | . . . . CLAMP   |          | 2              |                |   |   |   |
| - 12               | 82-728515-1          | . . . . PLATE, MOUNTING   |          | 1              |                |   |   |   |
|                    |                      | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-29           | . . . . SCREW   |          | 18             |                |   |   |   |
|                    | MS15795-805          | . . . . WASHER  |          | 18             |                |   |   |   |
|                    | NAS679X06            | . . . . NUT   |          | 10             |                |   |   |   |
| - 13               | 2385-2               | . . . . HANDLE, BOW PER 07397 DWG SPEC<br>74-801832-2                           | 71279    | 2              |                |   |   |   |
|                    |                      | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-64           | . . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS35338-138          | . . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS15795-808          | . . . . WASHER  |          | 4              |                |   |   |   |
| - 14               | 602GMF2202-12MS602-1 | . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-24                       | 75382    | 4              |                |   |   |   |
|                    | 2GMG                 | . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-24                       | 00629    | REF            |                |   |   |   |
|                    | 12-21MMBMS21-12      | □ . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-24                     | 88223    | REF            |                |   |   |   |
|                    | 742-12-06-00623      | □ . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-24                     |          |                |                |   |   |   |
|                    |                      | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-48           | . . . . SCREW   |          | 16             |                |   |   |   |
|                    | MS15795-807          | . . . . WASHER  |          | 16             |                |   |   |   |
|                    | NAS679X08            | . . . . NUT   |          | 16             |                |   |   |   |

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION                           | MFR CODE | UNITS PER ASSY | USABLE  |
|--------------------|-----------------|---------------------------------------|----------|----------------|---------|
|                    |                 |                                       |          |                | ON CODE |
|                    |                 | 1 2 3 4 5 6 7 8 9                     |          |                |         |
| 17 - 15            | 83-725653-1     | . . . . BAR, TERMINAL                 |          | 2              |         |
|                    |                 | ATTACHING PARTS                       |          |                |         |
|                    | MS51957-48      | . . . . SCREW                         |          | 8              |         |
|                    | MS15795-807     | . . . . WASHER                        |          | 8              |         |
|                    | NAS679X08       | . . . . NUT                           |          | 8              |         |
|                    |                 | - - - * - - -                         |          |                |         |
| - 16               | 82-728517-1     | . . . . BRACKET, MOUNTING             |          | 1              |         |
|                    |                 | ATTACHING PARTS                       |          |                |         |
|                    | MS51957-29      | . . . . SCREW                         |          | 6              |         |
|                    | MS15795-805     | . . . . WASHER                        |          | 6              |         |
|                    |                 | - - - * - - -                         |          |                |         |
| - 17               | 82-728518-1     | . . . . BRACKET, MOUNTING             |          | 4              |         |
| - 18               | 82-728518-2     | . . . . BRACKET, MOUNTING             |          | 2              |         |
|                    |                 | ATTACHING PARTS                       |          |                |         |
|                    | MS51959-29      | . . . . SCREW                         |          | 6              |         |
|                    | MS15795-805     | . . . . WASHER                        |          | 6              |         |
|                    | NAS679X06       | . . . . NUT                           |          | 6              |         |
|                    |                 | - - - * - - -                         |          |                |         |
| - 19               | 82-728516-1     | . . . . BRACKET, MOUNTING             |          | 1              |         |
|                    |                 | ATTACHING PARTS                       |          |                |         |
|                    | MS51957-29      | . . . . SCREW                         |          | 6              |         |
|                    | MS15795-805     | . . . . WASHER                        |          | 6              |         |
|                    |                 | - - - * - - -                         |          |                |         |
| - 20               | 82-728527-1     | . . . . BRACKET, ANGLE                |          | 6              |         |
| - 21               | 82-728514-1     | . . . . CHASSIS, ELECTRICAL EQUIPMENT |          | 1              |         |

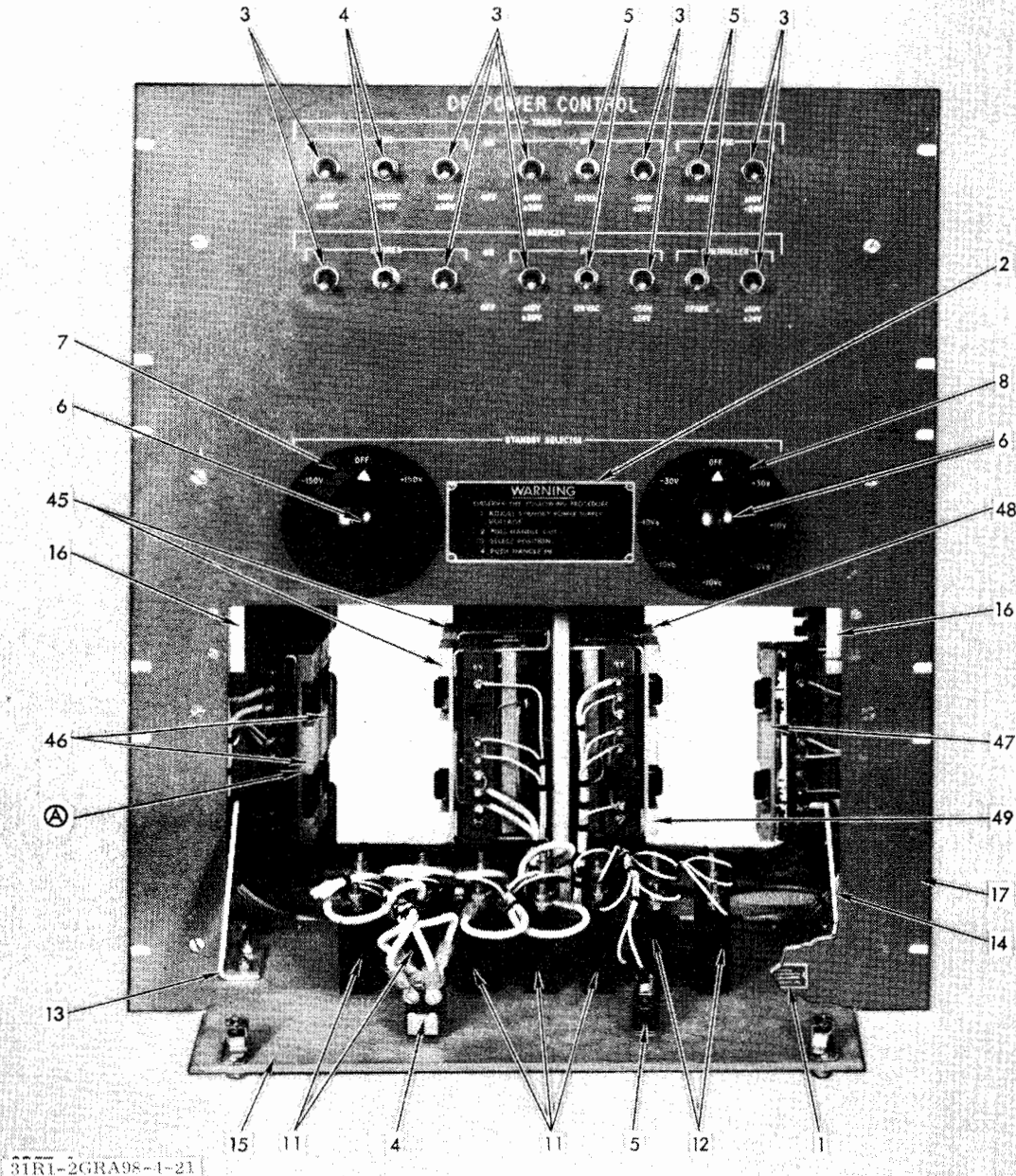
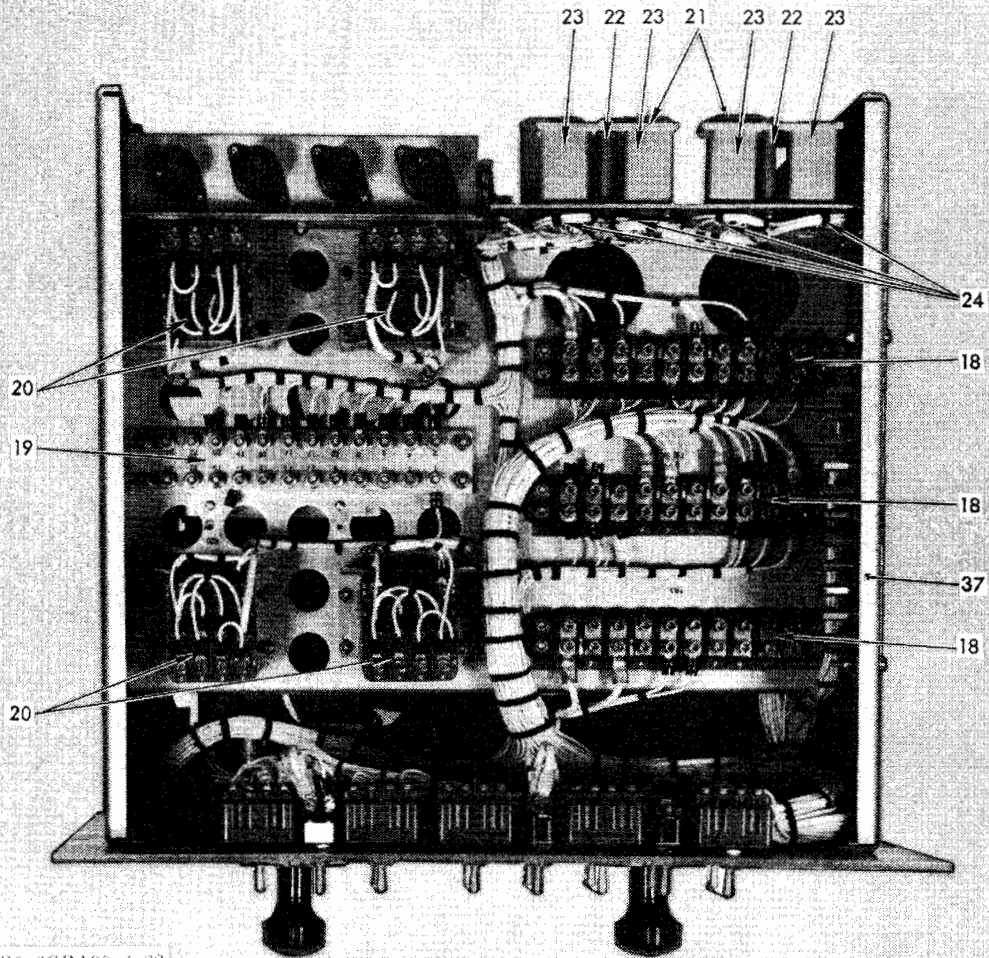


Figure 18. Power Distribution Panel SB-2447/FLR-9(V) (Sheet 1 of 4)





31R1-2GRA98-4-22

Figure 18. Power Distribution Panel SB-2447/FLR-9(V) (Sheet 2 of 4)

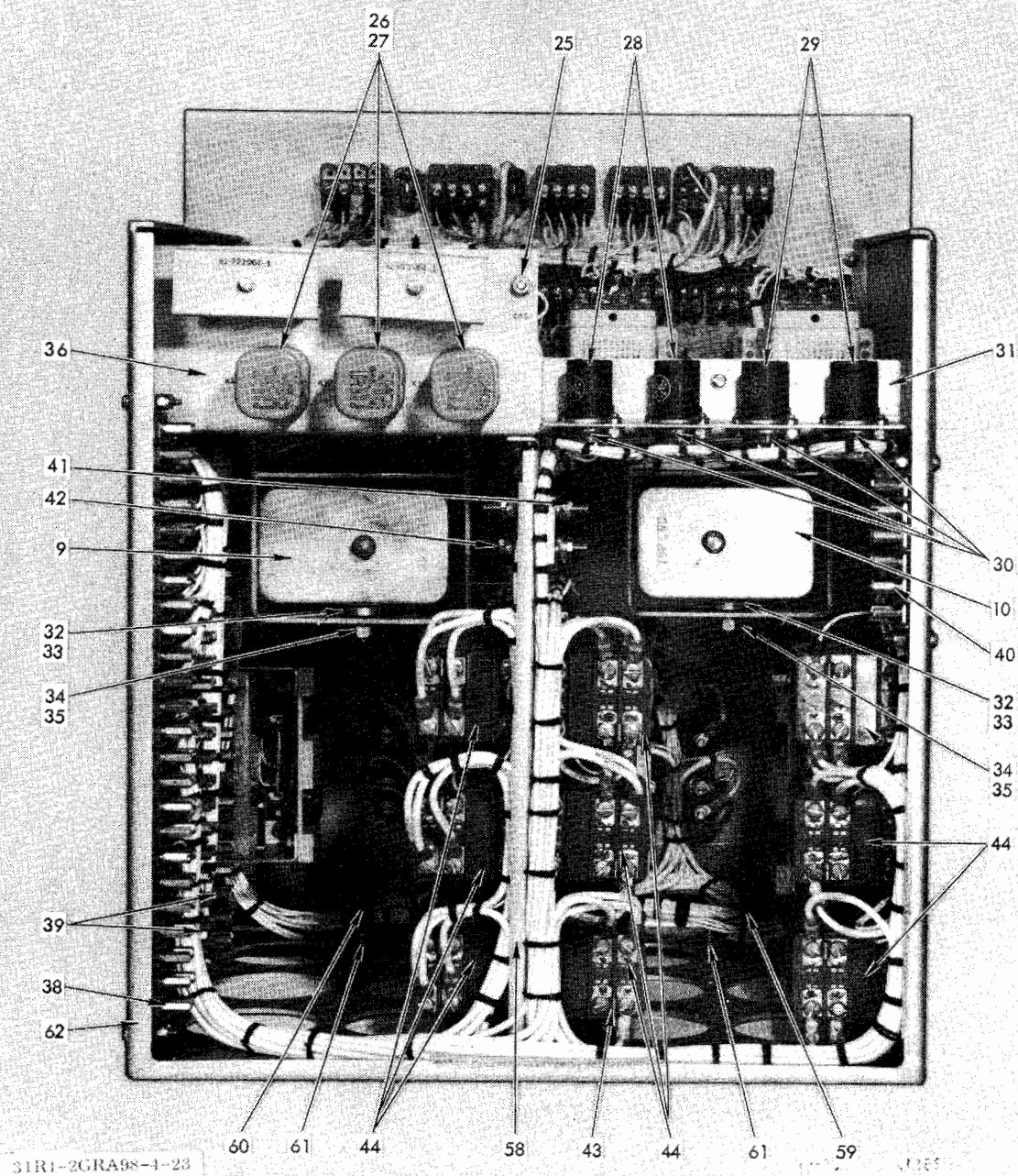
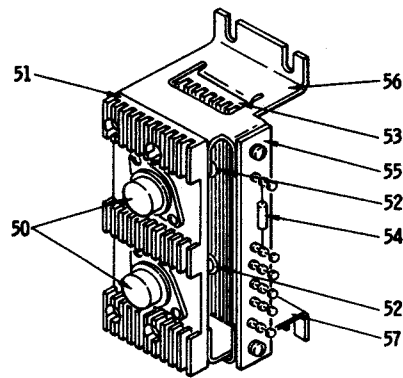


Figure 18. Power Distribution Panel SB-2447/FLR-9(V) (Sheet 3 of 4)



DETAIL A

31R1-2GRA98-4-24

Figure 18. Power Distribution Panel SB-2447/FLR-9(V) (Sheet 4 of 4)

| FIG. AND INDEX NO. | MFR PART NUMBER      | DESCRIPTION  | 1 2 3 4 5 6 7 8 9 |  |  |  |  |  |  |  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |
|--------------------|----------------------|--|-------------------|--|--|--|--|--|--|--|----------|----------------|----------------|
|                    |                      |  |                   |  |  |  |  |  |  |  |          |                |                |
| 18 -               | 02-728543-1          | . . . PANEL, POWER DISTRIBUTION<br>SB-2447/FLR-9/V/ FOR NHA SEE FIG.<br>14-7 |                   |  |  |  |  |  |  |  |          | REF            |                |
| - 1                | 74-725900-622        | . . . . PLATE, IDENTIFICATION  |                   |  |  |  |  |  |  |  |          | 1              |                |
| - 2                | 82-725629-1          | . . . . PLATE, DESIGNATION   |                   |  |  |  |  |  |  |  |          | 1              |                |
|                    | MS21318-8            | ATTACHING PARTS<br>. . . . SCREW   |                   |  |  |  |  |  |  |  |          | 8              |                |
| - 3                | MS24525-22           | . . . . SWITCH   |                   |  |  |  |  |  |  |  |          | 10             |                |
| - 4                | MS35059-22           | . . . . SWITCH   |                   |  |  |  |  |  |  |  |          | 3              |                |
| - 5                | MS35058-22           | . . . . SWITCH   |                   |  |  |  |  |  |  |  |          | 5              |                |
| - 6                | 89-726777-1          | . . . . KNOB   |                   |  |  |  |  |  |  |  |          | 2              |                |
| - 7                | 74-725630-1          | . . . . FACEPLATE  |                   |  |  |  |  |  |  |  |          | 1              |                |
| - 8                | 74-725659-1          | . . . . FACEPLATE  |                   |  |  |  |  |  |  |  |          | 1              |                |
|                    | MS51959-15           | ATTACHING PARTS<br>. . . . SCREW   |                   |  |  |  |  |  |  |  |          | 9              |                |
| - 9                | 0156A3471G1X2TF      | . . . . SWITCH, TRANSFER PER 07397 DWG<br>SPEC 33-801886-6                   |                   |  |  |  |  |  |  |  | 03497    | 1              |                |
| - 10               | 0165A9863G1X2TF      | . . . . SWITCH, TRANSFER PER 07397 DWG SPEC<br>33-801886-4                   |                   |  |  |  |  |  |  |  | 03497    | 1              |                |
|                    | MS51960-69           | ATTACHING PARTS<br>. . . . SCREW   |                   |  |  |  |  |  |  |  |          | 6              |                |
|                    | NAS43DD3-12          | . . . . SPACER   |                   |  |  |  |  |  |  |  |          | 6              |                |
|                    | NAS679X3             | . . . . NUT  |                   |  |  |  |  |  |  |  |          | 6              |                |
| - 11               | PAM12SSKMG6-3-50DC   | . . . . CIRCUIT BREAKER PER 07397 DWG<br>SPEC 29-801848-13                   |                   |  |  |  |  |  |  |  | 74193    | 5              |                |
| - 12               | PAM12SSKMG6-1.4-50DC | . . . . CIRCUIT BREAKER PER 07397 DWG<br>SPEC 29-801848-12                   |                   |  |  |  |  |  |  |  | 74193    | 2              |                |
|                    | MS51957-29           | ATTACHING PARTS<br>. . . . SCREW   |                   |  |  |  |  |  |  |  |          | 14             |                |
|                    | MS15795-805          | . . . . WASHER   |                   |  |  |  |  |  |  |  |          | 14             |                |
|                    | MS35338-136          | . . . . WASHER   |                   |  |  |  |  |  |  |  |          | 14             |                |

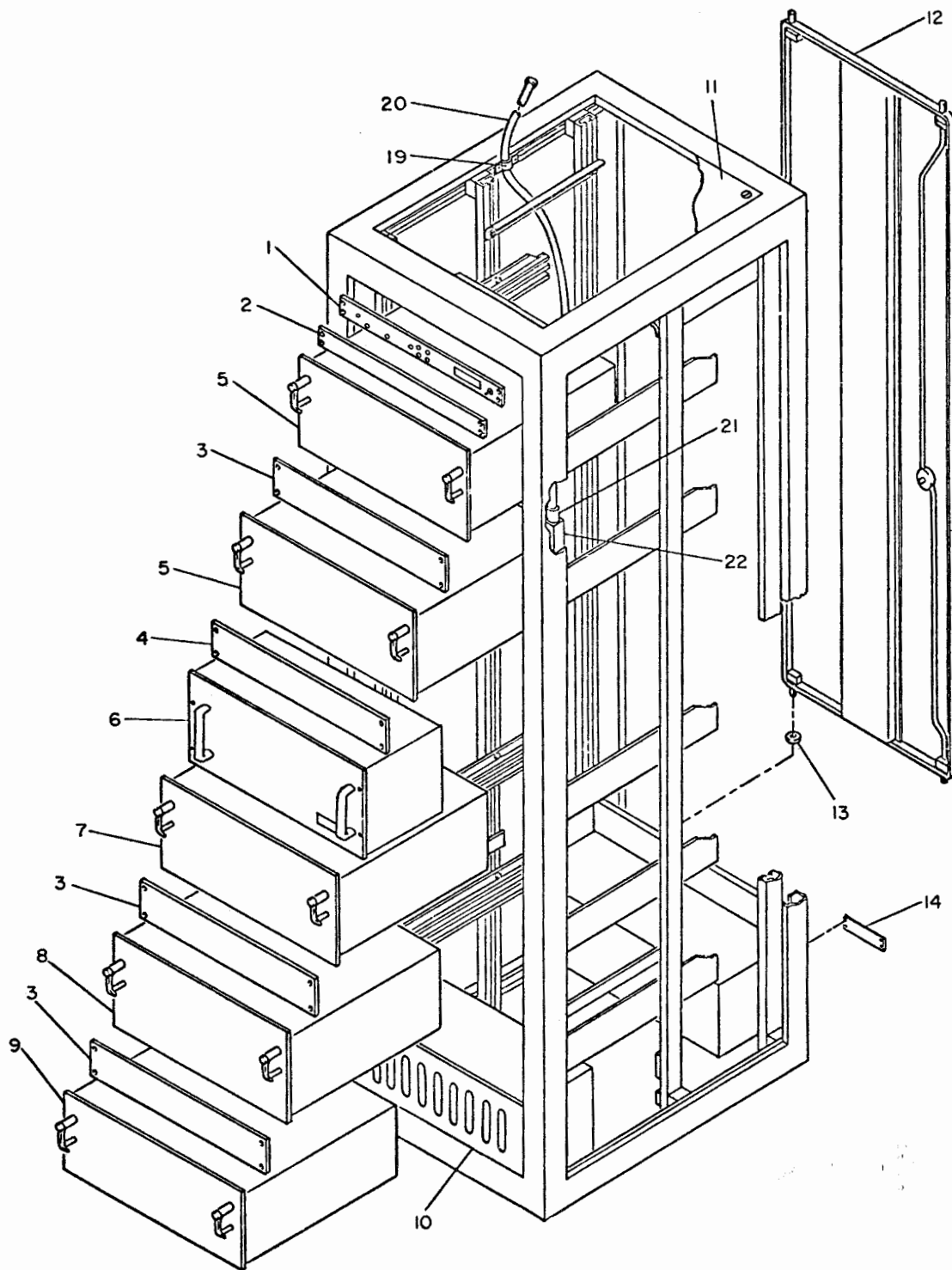
| FIG. AND INDEX NO. | MFR PART NUMBER          | DESCRIPTION                                | MFR CODE | UNITS PER ASSY | USABLE  |
|--------------------|--------------------------|--|----------|----------------|---------|
|                    |                          |  |          |                | ON CODE |
|                    |                          | 1 2 3 4 5 6 7 8 9                          |          |                |         |
| 18 - 13            | 82-726114-1              | . . . . BRACKET, RETAINER                  |          | 1              |         |
| - 14               | 82-726114-2              | . . . . BRACKET, RETAINER                  |          | 1              |         |
|                    |                          | ATTACHING PARTS                            |          |                |         |
|                    | MS51959-46               | . . . . SCREW                              |          | 4              |         |
|                    | MS15795-807              | . . . . WASHER                             |          | 4              |         |
|                    | NAS679X08                | . . . . NUT                                |          | 4              |         |
|                    |                          | - - * - - -                                |          |                |         |
| - 15               | 82-728577-1              | . . . . PANEL, MOUNTING                    |          | 1              |         |
|                    |                          | ATTACHING PARTS                            |          |                |         |
|                    | MS51959-17               | . . . . SCREW                              |          | 7              |         |
|                    | MS15795-803              | . . . . WASHER                             |          | 7              |         |
|                    | NAS679X04                | . . . . NUT                                |          | 7              |         |
|                    |                          | - - * - - -                                |          |                |         |
| - 16               | 82-725626-1              | . . . . BRACKET, RETAINER                  |          | 2              |         |
|                    |                          | ATTACHING PARTS                            |          |                |         |
|                    | MS51959-31               | . . . . SCREW                              |          | 4              |         |
|                    | MS15795-805              | . . . . WASHER                             |          | 4              |         |
|                    | NAS679X06                | . . . . NUT                                |          | 4              |         |
|                    |                          | - - * - - -                                |          |                |         |
| - 17               | 82-728576-1              | . . . . PANEL, MOUNTING                    |          | 1              |         |
|                    |                          | ATTACHING PARTS                            |          |                |         |
|                    | MS51960-66               | . . . . SCREW                              |          | 12             |         |
|                    | MS15795-808              | . . . . WASHER                             |          | 12             |         |
|                    | NAS679X3                 | . . . . NUT                                |          | 12             |         |
|                    |                          | - - * - - -                                |          |                |         |
| - 18               | 602GMF2202-10MS602-10GMM | . . . . TERMINAL BOARD PER 07397 DWG SPEC  | 75382    | 3              |         |
|                    |                          | 73-801825-19                               |          |                |         |
|                    | 10-21MM8MS21-10          | . . . . TERMINAL BOARD PER 07397 DWG SPEC  | 00629    | REF            |         |
|                    |                          | 73-801825-19                               |          |                |         |
|                    | 742-10-06-00618          | . . . . TERMINAL BOARD PER 07397 DWG SPEC  | 88223    | REF            |         |
|                    |                          | 73-801825-19                               |          |                |         |
|                    |                          | ATTACHING PARTS                            |          |                |         |
|                    | MS51957-48               | . . . . SCREW                              |          | 12             |         |
|                    | MS15795-807              | . . . . WASHER                             |          | 12             |         |
|                    | NAS679X08                | . . . . NUT                                |          | 12             |         |
|                    |                          | - - * - - -                                |          |                |         |
| - 19               | 83-725653-1              | . . . . BAR, TERMINAL                      |          | 1              |         |
|                    |                          | ATTACHING PARTS                            |          |                |         |
|                    | MS51957-48               | . . . . SCREW                              |          | 4              |         |
|                    | MS15795-807              | . . . . WASHER                             |          | 4              |         |
|                    | NAS679X08                | . . . . NUT                                |          | 4              |         |
|                    |                          | - - * - - -                                |          |                |         |
| - 20               | MS25024-2                | . . . . RELAY                              |          | 4              |         |
|                    |                          | ATTACHING PARTS                            |          |                |         |
|                    | MS51957-29               | . . . . SCREW                              |          | 16             |         |
|                    | MS15795-805              | . . . . WASHER                             |          | 16             |         |
|                    | NAS679X06                | . . . . NUT                                |          | 16             |         |
|                    |                          | - - * - - -                                |          |                |         |
| - 21               | 82-727062-1              | . . . . RETAINER, RELAY                    |          | 2              |         |
|                    |                          | ATTACHING PARTS                            |          |                |         |
|                    | MS51957-45               | . . . . SCREW                              |          | 2              |         |
|                    | MS15795-807              | . . . . WASHER                             |          | 2              |         |
|                    | MS35338-137              | . . . . WASHER                             |          | 2              |         |
|                    |                          | - - * - - -                                |          |                |         |
| - 22               | 70-727061-1              | . . . . STANDOFF                           |          | 2              |         |
| - 23               | 5346-22HP                | . . . . RELAY, ARMATURE PER 07397 DWG SPEC | 82415    | 4              |         |
|                    |                          | 31-801880-1                                |          |                |         |
| - 24               | TS103P02                 | . . . . SOCKET                             |          | 4              |         |
|                    |                          | ATTACHING PARTS                            |          |                |         |
|                    | MS51957-14               | . . . . SCREW                              |          | 8              |         |
|                    | MS15795-803              | . . . . WASHER                             |          | 8              |         |
|                    | MS35338-135              | . . . . WASHER                             |          | 8              |         |
|                    | MS35649-244              | . . . . NUT                                |          | 8              |         |
|                    |                          | - - * - - -                                |          |                |         |
| - 25               | 1N2992B                  | . . . . SEMICONDUCTOR DEVICE, DIODE        |          | 1              |         |
| - 26               | 3SAA1046                 | . . . . RELAY PER 07397 DWG SPEC           | 01526    | 3              |         |
|                    |                          | 31-801852-1                                |          |                |         |
|                    |                          | ATTACHING PARTS                            |          |                |         |
|                    | MS35649-284              | . . . . NUT                                |          | 9              |         |
|                    | MS35338-137              | . . . . WASHER                             |          | 9              |         |
|                    | MS15795-807              | . . . . WASHER                             |          | 9              |         |
|                    |                          | - - * - - -                                |          |                |         |
| - 27               | TS1405P01                | . . . . SOCKET                             |          | 3              |         |
|                    |                          | ATTACHING PARTS                            |          |                |         |
|                    | MS51957-14               | . . . . SCREW                              |          | 6              |         |
|                    | MS15795-803              | . . . . WASHER                             |          | 6              |         |
|                    | MS35338-135              | . . . . WASHER                             |          | 6              |         |
|                    | MS35649-244              | . . . . NUT                                |          | 6              |         |
|                    |                          | - - * - - -                                |          |                |         |

| FIG. AND INDEX NO. | MFR PART NUMBER          | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE  |
|--------------------|--------------------------|---|----------|----------------|---------|
|                    |                          |   |          |                | ON CODE |
|                    |                          | 1 2 3 4 5 6 7 8 9   |          |                |         |
| 18 - 28            | MHJL012D12.0VDC          | . . . . RELAY, ARMATURE PER 07397 DWG SPEC<br>31-801763-4   | 70309    | 2              |         |
| - 29               | MHJL012D26.5VDC          | . . . . RELAY, ARMATURE PER 07397 DWG SPEC<br>31-801763-1   | 70309    | 2              |         |
| - 30               | 16185-1                  | . . . . SOCKET, RELAY PER 07397 DWG SPEC<br>73-801767-1     | 70309    | 4              |         |
|                    |                          | ATTACHING PARTS   |          |                |         |
|                    | MS51957-14               | . . . . SCREW   |          | 8              |         |
|                    | MS15795-803              | . . . . WASHER  |          | 8              |         |
|                    | MS35338-135              | . . . . WASHER  |          | 8              |         |
|                    | MS35649-244              | . . . . NUT   |          | 8              |         |
|                    |                          | - - - * - - - -   |          |                |         |
| - 31               | 82-727010-1              | . . . . BRACKET, RELAY MOUNTING                             |          | 1              |         |
|                    |                          | ATTACHING PARTS   |          |                |         |
|                    | MS51957-45               | . . . . SCREW   |          | 3              |         |
|                    | MS15795-807              | . . . . WASHER  |          | 3              |         |
|                    | NAS679X08                | . . . . NUT   |          | 3              |         |
|                    |                          | - - - * - - - -   |          |                |         |
| - 32               | 82-728593-1              | . . . . WASHER, PADDED                                      |          | 2              |         |
| - 33               | 82-728594-1              | . . . . BUSHING, SLEEVE                                     |          | 2              |         |
|                    | MS51959-15               | . . . . SCREW   |          | 2              |         |
|                    | MS15795-814              | . . . . WASHER  |          | 2              |         |
| - 34               | MS51971-3                | . . . . NUT   |          | 2              |         |
| - 35               | 81-728595-1              | . . . . BOLT, INTERNALLY RELIEVED                           |          | 2              |         |
| - 36               | 89-728591-1              | . . . . BRACKET, MOUNTING                                   |          | 1              |         |
|                    |                          | ATTACHING PARTS   |          |                |         |
|                    | MS51957-45               | . . . . SCREW   |          | 12             |         |
|                    | MS15795-807              | . . . . WASHER  |          | 12             |         |
|                    | NAS679X08                | . . . . NUT   |          | 12             |         |
|                    |                          | - - - * - - - -   |          |                |         |
| - 37               | 602GMF2202-12MS602-12GMG | . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-24   | 75382    | 1              |         |
|                    | 12-21MM8MS21-12          | □ . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-24 | 00629    | REF            |         |
|                    | 742-12-06-00623          | □ . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-24 | 88223    | REF            |         |
|                    |                          | ATTACHING PARTS   |          |                |         |
|                    | MS51957-48               | . . . . SCREW   |          | 4              |         |
|                    | MS15795-807              | . . . . WASHER  |          | 4              |         |
|                    | NAS679X08                | . . . . NUT   |          | 4              |         |
|                    |                          | - - - * - - - -   |          |                |         |
| - 38               | 602GMF2202-24MS602-24GMG | . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-26   | 75382    | 1              |         |
|                    | 24-21MM8MS21-24          | □ . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-26 | 00629    | REF            |         |
|                    | 742-24-06-00625          | □ . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-26 | 88223    | REF            |         |
| - 39               | 602GMF2202-18MS602-18GMG | . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-25   | 75382    | 2              |         |
|                    | 18-21MM8MS21-18          | □ . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-25 | 00629    | REF            |         |
|                    | 742-18-06-00624          | □ . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-25 | 88223    | REF            |         |
| - 40               | 602GMF2202-6MS602-6GMG   | . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-17   | 75382    | 1              |         |
|                    | 6-21MM8MS21-6            | □ . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-17 | 00629    | REF            |         |
|                    | 742-6-06-00616           | □ . . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-17 | 88223    | REF            |         |
|                    |                          | ATTACHING PARTS   |          |                |         |
|                    | MS51957-48               | . . . . SCREW   |          | 16             |         |
|                    | MS15795-807              | . . . . WASHER  |          | 16             |         |
|                    | NAS679X08                | . . . . NUT   |          | 16             |         |
|                    |                          | - - - * - - - -   |          |                |         |
| - 41               | 83-725652-2              | . . . . BUS BAR   |          | 1              |         |
| - 42               | 83-725652-1              | . . . . BUS BAR   |          | 1              |         |
|                    |                          | ATTACHING PARTS   |          |                |         |
|                    | MS15795-807              | . . . . WASHER  |          | 4              |         |
|                    | NAS679X08                | . . . . NUT   |          | 4              |         |
|                    |                          | - - - * - - - -   |          |                |         |
| - 43               | 602                      | . . . . JUMPER, TERMINAL PER 07397 DWG SPEC<br>73-801957-1  | 75382    | 40             |         |
| - 44               | G54554                   | . . . . RELAY PER 07397 DWG SPEC<br>31-801874-1             | 73949    | 9              |         |
|                    |                          | ATTACHING PARTS   |          |                |         |
|                    | MS51957-29               | . . . . SCREW   |          | 36             |         |
|                    | MS15795-805              | . . . . WASHER  |          | 36             |         |
|                    | NAS679X06                | . . . . NUT   |          | 36             |         |
|                    |                          | - - - * - - - -   |          |                |         |



| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-----------------|---|----------|----------------|----------------|---|---|---|
|                    |                 |   |          |                |                | 1 | 2 | 3 |
| 18 - 45            | 89-725656-3     | . . . . HEAT SINK ASSEMBLY  |          | 2              |                |   |   |   |
| - 46               | 89-725656-1     | . . . . HEAT SINK ASSEMBLY  |          | 2              |                |   |   |   |
| - 47               | 89-725656-5     | . . . . HEAT SINK ASSEMBLY  |          | 1              |                |   |   |   |
| - 48               | 89-725656-7     | . . . . HEAT SINK ASSEMBLY  |          | 1              |                |   |   |   |
| - 49               | 89-725656-11    | . . . . HEAT SINK ASSEMBLY  |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-28      | . . . . SCREW   |          | 28             |                |   |   |   |
|                    | MS15795-805     | . . . . WASHER  |          | 28             |                |   |   |   |
|                    | NAS679X06       | . . . . NUT   |          | 28             |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 50               | 1N2810RB        | . . . . SEMICONDUCTOR DEVICE, DIODE USED ON 89-725656-1 AND 89-725656-3 |          | 2              |                |   |   |   |
|                    | 1N2810B         | . . . . SEMICONDUCTOR DEVICE, DIODE USED ON 89-725656-5                 |          | 2              |                |   |   |   |
|                    | 1N2824B         | . . . . SEMICONDUCTOR DEVICE, DIODE USED ON 89-725656-7                 |          | 2              |                |   |   |   |
|                    | 1N2824RB        | . . . . SEMICONDUCTOR DEVICE, DIODE USED ON 89-725656-11                |          | 2              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-16      | . . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS35338-135     | . . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS15795-803     | . . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35649-244     | . . . . NUT   |          | 4              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 51               | 82-725662-3     | . . . . HEAT SINK TOP USED ON 89-725656-3                               |          | 1              |                |   |   |   |
|                    | 82-725662-1     | . . . . HEAT SINK TOP USED ON 89-725656-1                               |          | 1              |                |   |   |   |
|                    | 82-725662-5     | . . . . HEAT SINK TOP USED ON 89-725656-5                               |          | 1              |                |   |   |   |
|                    | 82-725662-7     | . . . . HEAT SINK TOP USED ON 89-725656-7                               |          | 1              |                |   |   |   |
|                    | 82-725662-9     | . . . . HEAT SINK TOP USED ON 89-725656-11                              |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-28      | . . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS35338-136     | . . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS15795-805     | . . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35649-264     | . . . . NUT   |          | 4              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 52               | 1N249B          | . . . . SEMICONDUCTOR DEVICE, DIODE                                     |          | 2              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS25082-4       | . . . . NUT   |          | 2              |                |   |   |   |
|                    | MS15795-810     | . . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS35338-139     | . . . . WASHER  |          | 2              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 53               | 82-725663-1     | . . . . HEAT SINK, BOTTOM   |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-28      | . . . . SCREW   |          | 4              |                |   |   |   |
|                    | MS35338-136     | . . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS15795-805     | . . . . WASHER  |          | 4              |                |   |   |   |
|                    | MS35649-264     | . . . . NUT   |          | 4              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 54               | RC20GF391J      | . . . . RESISTOR USED ON 89-725656-3 AND 89-725656-5                    |          | 1              |                |   |   |   |
|                    | RW58V2R0        | . . . . RESISTOR USED ON 89-725656-7                                    |          | 1              |                |   |   |   |
|                    | RC32GF202J      | . . . . RESISTOR USED ON 89-725656-11                                   |          | 1              |                |   |   |   |
| - 55               | 89-725631-1     | . . . . TERMINAL BOARD  |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS   |          |                |                |   |   |   |
|                    | MS51957-28      | . . . . SCREW   |          | 2              |                |   |   |   |
|                    | MS35338-136     | . . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS15795-805     | . . . . WASHER  |          | 2              |                |   |   |   |
|                    | MS35649-264     | . . . . NUT   |          | 2              |                |   |   |   |
|                    |                 | - - - * - - -   |          |                |                |   |   |   |
| - 56               | 82-725661-3     | . . . . BRACKET USED ON 89-725656-3                                     |          | 1              |                |   |   |   |
|                    | 82-725661-1     | . . . . BRACKET USED ON 79-725656-1                                     |          | 1              |                |   |   |   |
|                    | 82-725661-5     | . . . . BRACKET USED ON 89-725656-5                                     |          | 1              |                |   |   |   |
|                    | 82-725661-7     | . . . . BRACKET USED ON 89-725656-7                                     |          | 1              |                |   |   |   |
|                    | 82-725661-9     | . . . . BRACKET USED ON 89-725656-11                                    |          | 1              |                |   |   |   |
| - 57               | 82-725661-4     | . . . . BRACKET USED ON 89-725656-3                                     |          | 1              |                |   |   |   |
|                    | 82-725661-2     | . . . . BRACKET USED ON 89-725656-1                                     |          | 1              |                |   |   |   |
|                    | 82-725661-6     | . . . . BRACKET USED ON 89-725656-5                                     |          | 1              |                |   |   |   |
|                    | 82-725661-10    | . . . . BRACKET USED ON 89-725656-11                                    |          | 1              |                |   |   |   |

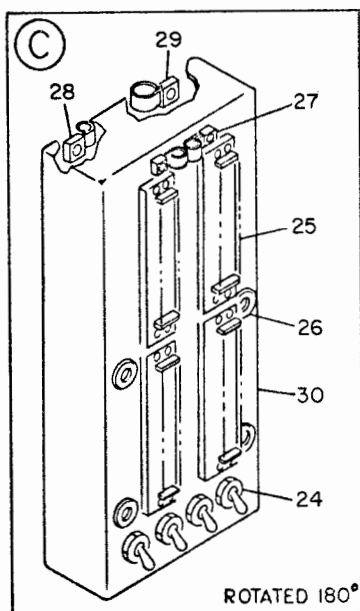
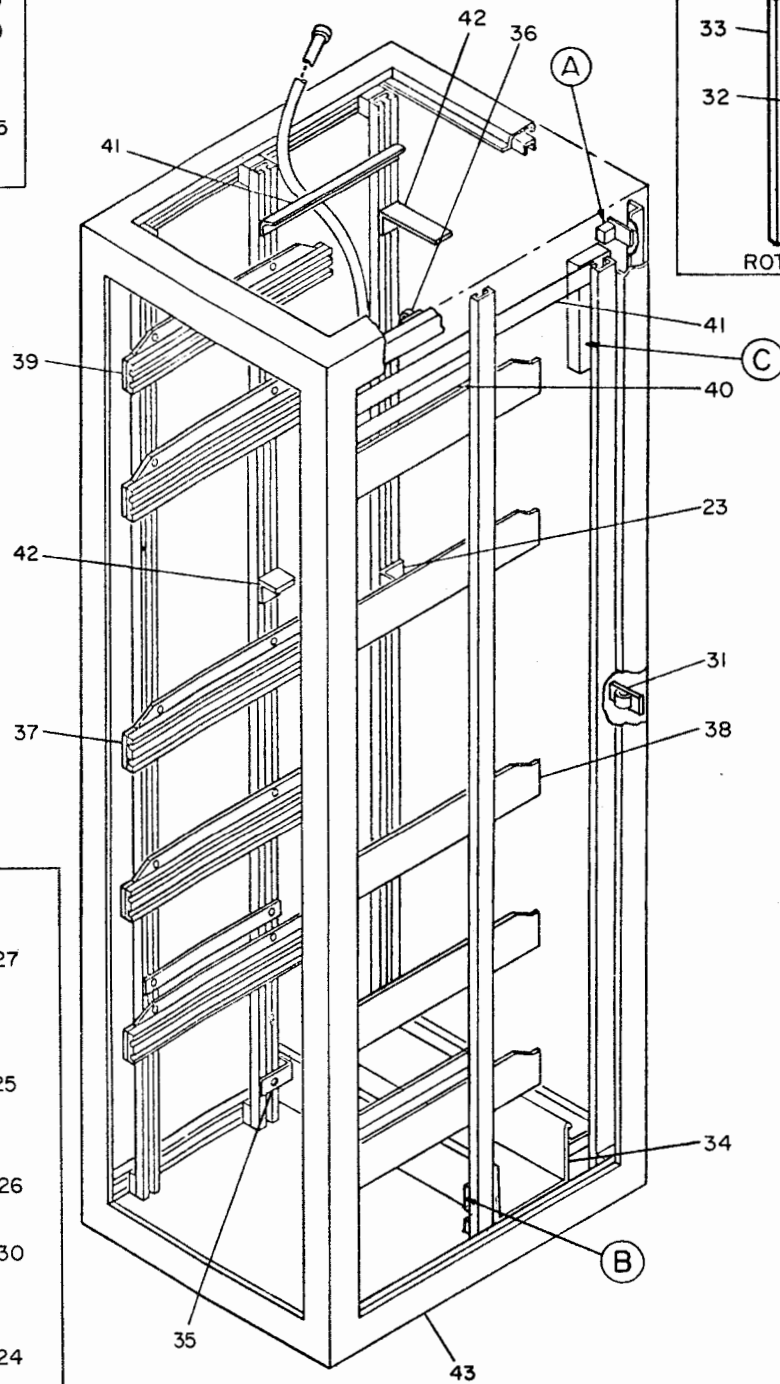
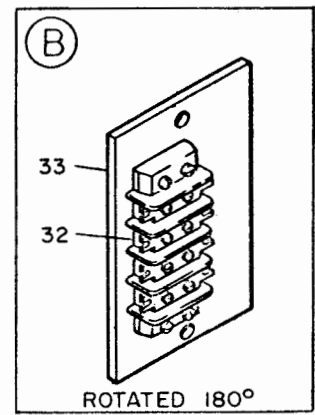
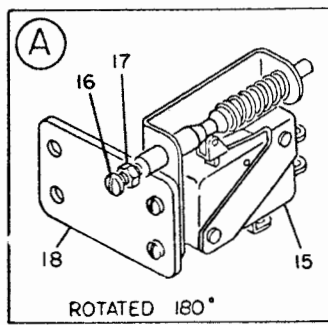
| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION                               | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-----------------|---|----------|----------------|----------------|---|---|---|
|                    |                 |   |          |                |                | 1 | 2 | 3 |
| 18 - 58            | 82-725651-1     | . . . . PLATE, DIVIDER                    |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS                           |          |                |                |   |   |   |
|                    | MS51957-45      | . . . . SCREW                             |          | 4              |                |   |   |   |
|                    | MS15795-807     | . . . . WASHER                            |          | 4              |                |   |   |   |
|                    | NAS679X08       | . . . . NUT                               |          | 4              |                |   |   |   |
|                    |                 | - - - - * - - - -                         |          |                |                |   |   |   |
| - 59               | MS25281-10      | . . . . CLAMP, LOOP                       |          | 3              |                |   |   |   |
| - 60               | MS25281-7       | . . . . CLAMP, LOOP                       |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS                           |          |                |                |   |   |   |
|                    | MS51957-32      | . . . . SCREW                             |          | 4              |                |   |   |   |
|                    | MS15795-805     | . . . . WASHER                            |          | 4              |                |   |   |   |
|                    | MS35338-136     | . . . . WASHER                            |          | 4              |                |   |   |   |
|                    | D140CC          | . . . . WASHER, SADDLE PER 07397 DWG SPEC | 95987    | 4              |                |   |   |   |
|                    |                 | 73-801798-6                               |          |                |                |   |   |   |
|                    | MS35649-264     | . . . . NUT                               |          | 4              |                |   |   |   |
|                    |                 | - - - - * - - - -                         |          |                |                |   |   |   |
| - 61               | NAS43DD1-48     | . . . . SPACER                            |          | 4              |                |   |   |   |
| - 62               | 82-728592-1     | . . . . CHASSIS, ELECTRICAL EQUIPMENT     |          | 1              |                |   |   |   |



31R1-2GRA98-4-25

Figure 19. Communication Control Group AN/GRA-102 (Sheet 1 of 2)





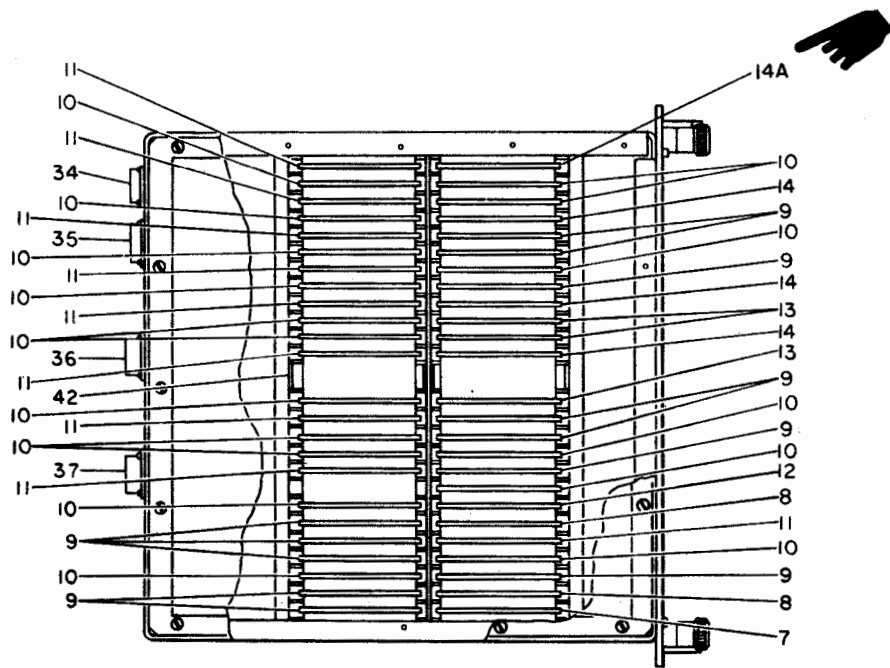
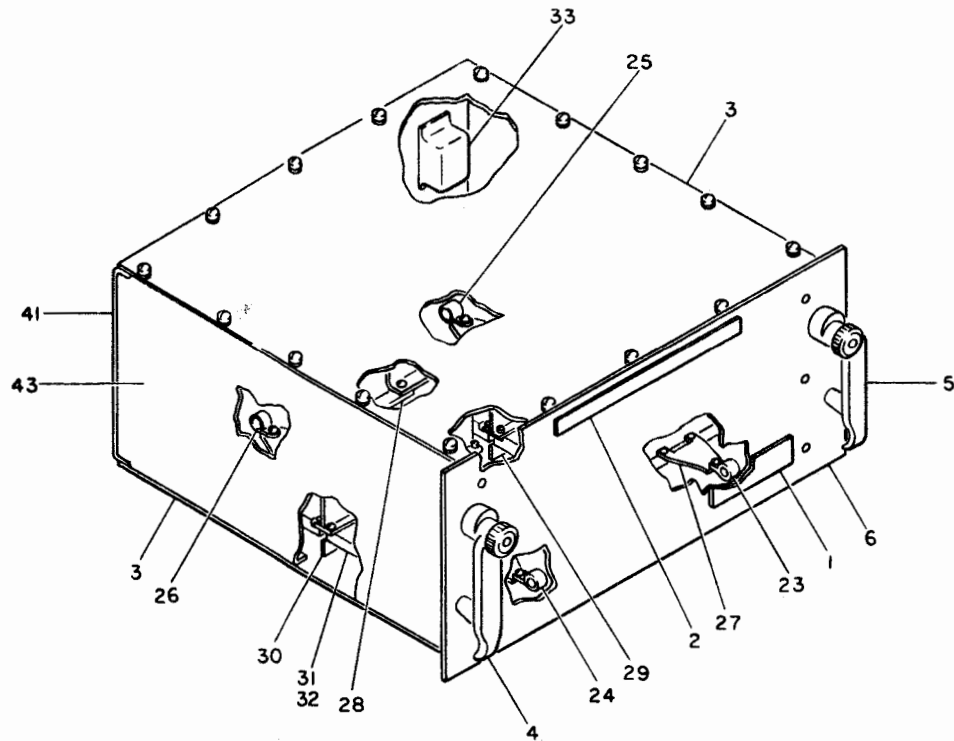
31R1-2GRA98-4-26

Figure 19. Communication Control Group AN/GRA-102 (Sheet 2 of 2)

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-----------------|--|----------|----------------|----------------|---|---|---|
|                    |                 |  |          |                |                | 1 | 2 | 3 |
| 19 -               | 2349737G3       | . . COMMUNICATION CONTROL GROUP AN/GRA-102<br>FOR NHA SEE FIG. 1-6         |          | REF            |                |   |   |   |
| - 1                | 02-725730-1     | . . . PANEL, INDICATOR SEE FIG. 10   |          | 1              |                |   |   |   |
| - 2                | 82-724636-1     | . . . PANEL, BLANK   |          | 1              |                |   |   |   |
| - 3                | 82-724089-1     | . . . PANEL, BLANK   |          | 3              |                |   |   |   |
|                    | MS51958-64      | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS15795-808     | . . . SCREW  |          | 24             |                |   |   |   |
|                    | NW10-4374       | . . . WASHER   |          | 24             |                |   |   |   |
|                    |                 | . . . WASHER, NONMETALLIC PER 07397 DWG<br>SPEC 70-801753-2                | 95987    | 24             |                |   |   |   |
| - 4                | 82-724090-1     | . . . PANEL, BLANK   |          | 1              |                |   |   |   |
| - 5                | 02-728320-1     | . . . DECODER, TELETYPEWRITER MESSAGE SEE<br>FIG. 20                       |          | 2              |                |   |   |   |
| - 6                | 02-728311-1     | . . . INTERCONNECTING BOX J-2549/FLR-9/V/<br>SEE FIG. 16                   |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51958-64      | . . . SCREW  |          | 8              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER   |          | 8              |                |   |   |   |
|                    | NW10-4374       | . . . WASHER, NONMETALLIC PER 07397 DWG<br>SPEC 70-801753-2                | 95987    | 8              |                |   |   |   |
| - 7                | 02-728326-1     | . . . TRANSMITTER, MESSAGE, TELETYPEWRITER<br>SEE FIG. 20                  |          | 1              |                |   |   |   |
| - 8                | 02-728325-1     | . . . GENERATOR, MESSAGE, TELETYPEWRITER<br>SEE FIG. 22                    |          | 1              |                |   |   |   |
| - 9                | 02-728322-1     | . . . ROUTER, DATA, DIGITAL SEE FIG. 23                                    |          | 1              |                |   |   |   |
| - 10               | 02-724633-1     | . . . COOLER, AIR, ELECTRONIC<br>SEE FIG. 8                                |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51958-64      | . . . SCREW  |          | 4              |                |   |   |   |
|                    | MS35338-138     | . . . WASHER   |          | 4              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER   |          | 4              |                |   |   |   |
| - 11               | 247105562       | . . . CAP, TOP   |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51959-35      | . . . SCREW  |          | 4              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER   |          | 4              |                |   |   |   |
|                    | MS35338-138     | . . . WASHER   |          | 4              |                |   |   |   |
|                    | MS35650-304     | . . . NUT  |          | 4              |                |   |   |   |
| - 12               | 01-801600-61    | . . . DOOR, CABINET  |          | 1              |                |   |   |   |
| - 13               | AN960B416       | . . . WASHER   |          | 1              |                |   |   |   |
| - 14               | 2471070G8       | . . . PLATE, IDENTIFICATION  |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS21318-8       | . . . SCREW  |          | 4              |                |   |   |   |
|                    |                 | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | 89-725815-1     | . . . SWITCH ASSY, SENSITIVE   |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51958-61      | . . . SCREW  |          | 2              |                |   |   |   |
|                    | MS35338-138     | . . . WASHER   |          | 2              |                |   |   |   |
|                    | MS15795-808     | . . . WASHER   |          | 2              |                |   |   |   |
| - 15               | MS16106-1       | . . . SWITCH, SENSITIVE  |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-27      | . . . SCREW  |          | 2              |                |   |   |   |
|                    | MS15795-805     | . . . WASHER   |          | 2              |                |   |   |   |
|                    | MS35338-136     | . . . WASHER   |          | 2              |                |   |   |   |
| - 16               | MS51957-33      | . . . SCREW  |          | 1              |                |   |   |   |
| - 17               | MS35649-264     | . . . NUT  |          | 1              |                |   |   |   |
| - 18               | 82-724619-1     | . . . PLATE, MOUNTING, SWITCH  |          | 1              |                |   |   |   |
| - 19               | MS21919DG14     | . . . CLAMP  |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-48      | . . . SCREW  |          | 1              |                |   |   |   |
|                    | MS15795-807     | . . . WASHER   |          | 1              |                |   |   |   |
|                    | MS35338-137     | . . . WASHER   |          | 1              |                |   |   |   |
|                    | 81-726392-1     | . . . WASHER, SQUARE   |          | 1              |                |   |   |   |
|                    | P4006-0832      | . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-1                 | 96195    | 1              |                |   |   |   |
| - 20               | 1/2             | . . . CONDUIT, METAL, FLEXIBLE, 1/2 INCH<br>PER 07397 DWG SPEC 19-801862-1 | 78799    | AR             |                |   |   |   |
| - 21               | 254             | . . . CONNECTOR, ARMORED CABLE PER 07397<br>DWG SPEC 70-801870-1           | 59730    | 2              |                |   |   |   |

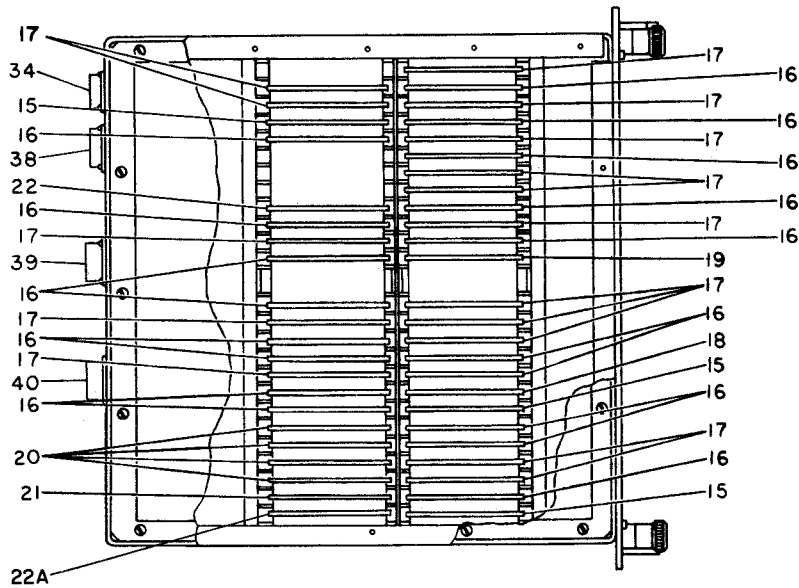
| FIG. AND INDEX NO. | MFR PART NUMBER           | DESCRIPTION  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|---------------------------|--|----------|----------------|----------------|---|---|---|
|                    |                           |  |          |                |                | 1 | 2 | 3 |
| 19 - 22            | 20GB303                   | . . . STRIP, AC DISTRIBUTION PER 07397 DWG<br>SPEC 70-802104-2 | 79725    | 1              |                |   |   |   |
|                    |                           | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51958-63                | . . . SCREW  |          | 3              |                |   |   |   |
|                    | MS15795-808               | . . . WASHER   |          | 6              |                |   |   |   |
|                    | MS35338-138               | . . . WASHER   |          | 3              |                |   |   |   |
|                    | MS35650-304               | . . . NUT  |          | 3              |                |   |   |   |
| - 23               | 81-727727-1               | . . . BRACKET, DOUBLE ANGLE                                    |          | 3              |                |   |   |   |
|                    |                           | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS35307-307               | . . . SCREW  |          | 3              |                |   |   |   |
|                    | MS15795-818               | . . . WASHER   |          | 3              |                |   |   |   |
|                    | MS35338-139               | . . . WASHER   |          | 3              |                |   |   |   |
|                    | P4006-1420                | . . . NUT, GANG, CHANNEL PER 07397 DWG<br>SPEC 70-801745-3     | 96195    | 3              |                |   |   |   |
|                    |                           | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | 89-728721-1               | . . . INTERCONNECTING BOX                                      |          | 1              |                |   |   |   |
|                    |                           | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-48                | . . . SCREW  |          | 3              |                |   |   |   |
|                    | MS15795-807               | . . . WASHER   |          | 3              |                |   |   |   |
|                    | MS35338-137               | . . . WASHER   |          | 3              |                |   |   |   |
|                    | P4006-0832                | . . . NUT, GANG, CHANNEL PER 07397 DWG<br>SPEC 70-801745-1     | 96195    | 3              |                |   |   |   |
| - 24               | MS35059-23                | . . . SWITCH, TOGGLE   |          | 4              |                |   |   |   |
| - 25               | 600GMF6MS600-6GMG         | . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-27        | 75382    | 4              |                |   |   |   |
|                    | 6-14MM5MS14-6             | □ . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-27      | 00629    | REF            |                |   |   |   |
|                    | 740-6-06-00626            | □ . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-27      | 88223    | REF            |                |   |   |   |
|                    |                           | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-32                | . . . SCREW  |          | 16             |                |   |   |   |
|                    | MS15795-805               | . . . WASHER   |          | 32             |                |   |   |   |
|                    | MS21044C06                | . . . NUT  |          | 16             |                |   |   |   |
| - 26               | MS35489-104               | . . . GROMMET, RUBBER  |          | 4              |                |   |   |   |
| - 27               | MS25281-8                 | . . . CLAMP  |          | 2              |                |   |   |   |
| - 28               | MS25281-5                 | . . . CLAMP  |          | 5              |                |   |   |   |
| - 29               | MS25281-10                | . . . CLAMP  |          | 1              |                |   |   |   |
|                    |                           | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-31                | . . . SCREW  |          | 8              |                |   |   |   |
|                    | MS15795-805               | . . . WASHER   |          | 8              |                |   |   |   |
|                    | D6-140CC                  | . . . WASHER, SADDLE PER 07397 DWG SPEC<br>70-801798-2         | 95987    | 8              |                |   |   |   |
|                    | MS21044C06                | . . . NUT  |          | 8              |                |   |   |   |
| - 30               | 82-728724                 | . . . CHASSIS, INTERCONNECTION BOX                             |          | 1              |                |   |   |   |
| - 31               | LSC2                      | . . . CLAMP, LOOP PER 07397 DWG SPEC<br>70-801797-1            | 06383    | 5              |                |   |   |   |
|                    |                           | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51958-61                | . . . SCREW  |          | 5              |                |   |   |   |
|                    | MS35338-138               | . . . WASHER   |          | 5              |                |   |   |   |
|                    | MS15795-808               | . . . WASHER   |          | 5              |                |   |   |   |
|                    |                           | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | 89-726236-1               | . . . TERMINAL BOARD ASSY, AIR SWITCH                          |          | 1              |                |   |   |   |
|                    |                           | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-48                | . . . SCREW  |          | 2              |                |   |   |   |
|                    | MS15795-807               | . . . WASHER   |          | 2              |                |   |   |   |
|                    | MS35338-137               | . . . WASHER   |          | 2              |                |   |   |   |
|                    | P4006-0832                | . . . NUT, GANG, CHANNEL PER 07397 DWG<br>SPEC 70-801745-1     | 96195    | 2              |                |   |   |   |
| - 32               | 600GMFST4S1MS600-4<br>GMG | . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-14        | 75382    | 1              |                |   |   |   |
|                    | 4-14MMUUSMS14-4           | □ . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-14      | 00629    | REF            |                |   |   |   |
|                    | 740-4-06-00613            | □ . . . TERMINAL BOARD PER 07397 DWG SPEC<br>73-801825-14      | 88223    | REF            |                |   |   |   |
|                    |                           | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51959-31                | . . . SCREW  |          | 4              |                |   |   |   |
|                    | MS15795-808               | . . . WASHER   |          | 4              |                |   |   |   |
|                    | MS35338-136               | . . . WASHER   |          | 4              |                |   |   |   |
|                    | MS35649-264               | . . . NUT  |          | 4              |                |   |   |   |
| - 33               | 82-726233-1               | . . . BRACKET, TERMINAL BOARD                                  |          | 1              |                |   |   |   |
| - 34               | 82-727786-3               | . . . RACK, CABLE, INTERIOR                                    |          | 1              |                |   |   |   |
|                    |                           | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51958-64                | . . . SCREW  |          | 2              |                |   |   |   |
|                    | MS15795-808               | . . . WASHER   |          | 2              |                |   |   |   |
|                    | MS35338-138               | . . . WASHER   |          | 2              |                |   |   |   |
|                    | MS35650-304               | . . . NUT  |          | 2              |                |   |   |   |

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR CODE | UNITS    | USABLE  |
|--------------------|-----------------|---|----------|----------|---------|
|                    |                 |   |          | PER ASSY | ON CODE |
|                    |                 | 1 2 3 4 5 6 7 8 9   |          |          |         |
| 19 - 35            | 82-727787-1     | . . . BRACKET, ANGLE<br>ATTACHING PARTS                                       |          | 2        |         |
|                    | MS35307-307     | . . . SCREW   |          | 2        |         |
|                    | MS15795-810     | . . . WASHER  |          | 2        |         |
|                    | MS35338-139     | . . . WASHER  |          | 2        |         |
|                    | P4006-1420      | . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-3                    | 96195    | 2        |         |
| - 36               | LSC2            | . . . CLAMP CABLE PER 07397 DWG SPEC<br>70-801797-1<br>ATTACHING PARTS        | 06383    | 5        |         |
|                    | MS51957-48      | . . . SCREW   |          | 4        |         |
|                    | MS15795-807     | . . . WASHER  |          | 4        |         |
|                    | MS35338-137     | . . . WASHER  |          | 4        |         |
|                    | 81-726392-1     | . . . WASHER, SQUARE  |          | 4        |         |
|                    | P4006-0832      | . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-1                    | 96195    | 4        |         |
| - 37               | 020071-1        | . . . SLIDE, CHASSIS, LH PER 07397 DWG SPEC<br>84-801620-3                    | 83508    | 5        |         |
| - 38               | 020071-2        | . . . SLIDE, CHASSIS, RH PER 07397 DWG SPEC<br>84-801620-4<br>ATTACHING PARTS | 83508    | 5        |         |
|                    | MS51959-46      | . . . SCREW   |          | 50       |         |
|                    | MS51959-31      | . . . SCREW   |          | 50       |         |
|                    | MS15795-805     | . . . WASHER  |          | 50       |         |
|                    | MS35338-136     | . . . WASHER  |          | 50       |         |
|                    | MS35649-264     | . . . NUT   |          | 50       |         |
| - 39               | 81-727636-1     | . . . PLATE, MOUNTING, CHASSIS SLIDE<br>ATTACHING PARTS                       |          | 10       |         |
|                    | MS35307-307     | . . . SCREW   |          | 20       |         |
|                    | MS15795-810     | . . . WASHER  |          | 20       |         |
|                    | MS35338-139     | . . . WASHER  |          | 20       |         |
|                    | P4006-1420      | . . . NUT, GSNG, CHANNEL PER 07397 DWG SPEC<br>70-801745-3                    | 96195    | 20       |         |
| - 40               | 81-728084-2     | . . . BRACKET, CABLE RETAINER   |          | 9        |         |
| - 41               | 82-726403-7     | . . . SUPPORT, CABLE<br>ATTACHING PARTS                                       |          | 15       |         |
|                    | MS51957-48      | . . . SCREW   |          | 48       |         |
|                    | MS15795-807     | . . . WASHER  |          | 48       |         |
|                    | MS35338-137     | . . . WASHER  |          | 48       |         |
|                    | P4006-0832      | . . . NUT, GANG, CHANNEL PER 07397 DWG SPEC<br>70-801745-1                    | 96195    | 48       |         |
| - 42               | 81-728119-1     | . . . BRACKET, CABLE SUPPORT<br>ATTACHING PARTS                               |          | 5        |         |
|                    | MS35307-307     | . . . SCREW   |          | 10       |         |
|                    | MS15795-810     | . . . WASHER  |          | 10       |         |
|                    | MS35338-139     | . . . WASHER  |          | 10       |         |
|                    | 81-726341-1     | . . . WASHER, SQUARE  |          | 10       |         |
|                    | P4006-1420      | . . . NUT, GANG, CHANNEL PER 07397<br>DWG SPEC 70-801745-3                    | 96195    | 10       |         |
| - 43               | 2471054G3       | . . . CABINET, ELECTRICAL EQUIPMENT   |          | 1        |         |



31R1-2GRA98-4-27

Figure 20. Teletypewriter Message Decoder KY-571/FLR-9(V) and Teletypewriter Message Transmitter T-988/FLR-9(V) (Sheet 1 of 2)



31R1-2GRA98-4-28

Figure 20. Teletypewriter Message Decoder KY-571/FLR-9(V) and Teletypewriter Message Transmitter T-988/FLR-9(V) (Sheet 2 of 2)

| FIG. AND INDEX NO. | MFR PART NUMBER                | DESCRIPTION  | 1 2 3 4 5 6 7 8 9 |   |   |   |   |   |   |   |   | MFR CODE | UNITS PER ASSY | USABLE ON CODE |
|--------------------|--------------------------------|--|-------------------|---|---|---|---|---|---|---|---|----------|----------------|----------------|
|                    |                                |  | 1                 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |          |                |                |
| 20 -               | 02-728320-1                    | . . . . . DECODER, TELETYPEWRITER MESSAGE<br>KY-571/FLR-9/V/ FOR NHA SEE FIG.<br>19-5    |                   |   |   |   |   |   |   |   |   |          | REF            | A              |
|                    | 02-728326-1                    | . . . . . TRANSMITTER, TELETYPEWRITER MESSAGE<br>T-988/FLR-9/V/ FOR NHA SEE FIG.<br>19-7 |                   |   |   |   |   |   |   |   |   |          | REF            | B              |
| - 1                | 74-725900-639<br>74-725900-647 | . . . . . PLATE, IDENTIFICATION<br>. . . . . PLATE, IDENTIFICATION                       |                   |   |   |   |   |   |   |   |   |          | 1              | A              |
|                    | MS21318-8                      | ATTACHING PARTS<br>. . . . . SCREW   |                   |   |   |   |   |   |   |   |   |          | 4              |                |
|                    |                                | - - - * - - -  |                   |   |   |   |   |   |   |   |   |          |                |                |
| - 2                | 81-728587-3<br>82-728587-8     | . . . . . PLATE, DESIGNATION<br>. . . . . PLATE, DESIGNATION                             |                   |   |   |   |   |   |   |   |   |          | 1              | A              |
|                    | MS21318-20                     | . . . . . SCREW  |                   |   |   |   |   |   |   |   |   |          | 1              | B              |
| - 3                | 82-725854-5                    | . . . . . COVER  |                   |   |   |   |   |   |   |   |   |          | 2              |                |
|                    |                                | ATTACHING PARTS  |                   |   |   |   |   |   |   |   |   |          |                |                |
|                    | 12S1-12-1BB                    | . . . . . FASTENER, POSITIVE LOCK PER 07397<br>DWG SPEC 70-802396-1                      |                   |   |   |   |   |   |   |   |   | 71286    | 32             |                |
|                    | 5S3-2                          | . . . . . FASTENER, POSITIVE LOCK PER 07397<br>DWG SPEC 70-802396-3                      |                   |   |   |   |   |   |   |   |   | 71286    | 32             |                |
|                    |                                | - - - * - - -  |                   |   |   |   |   |   |   |   |   |          |                |                |
| - 4                | HC11BLH                        | . . . . . HANDLE, LH PER 07397 DWG SPEC<br>74-801610-1                                   |                   |   |   |   |   |   |   |   |   | 06666    | 1              |                |
| - 5                | HC11BRH                        | . . . . . HANDLE, RH PER 07397 DWG SPEC<br>74-801610-2                                   |                   |   |   |   |   |   |   |   |   | 06666    | 1              |                |
| - 6                | 82-725856-2                    | . . . . . PANEL, FRONT   |                   |   |   |   |   |   |   |   |   |          | 1              |                |
|                    |                                | ATTACHING PARTS  |                   |   |   |   |   |   |   |   |   |          |                |                |
|                    | MS51957-46                     | . . . . . SCREW  |                   |   |   |   |   |   |   |   |   |          | 6              |                |
|                    | MS15795-807                    | . . . . . WASHER   |                   |   |   |   |   |   |   |   |   |          | 6              |                |
|                    | NAS679X08                      | . . . . . NUT  |                   |   |   |   |   |   |   |   |   |          | 6              |                |
|                    |                                | - - - * - - -  |                   |   |   |   |   |   |   |   |   |          |                |                |
| - 7                | 32-728714-1                    | . . . . . TELETYPE TO LOGIC CONVERTER AND<br>SYNC SEPARATOR                              |                   |   |   |   |   |   |   |   | L |          | 1              | A              |

| FIG. AND INDEX NO. | MFR PART NUMBER     | DESCRIPTION  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|---------------------|--|----------|----------------|----------------|---|---|---|
|                    |                     |  |          |                |                | 1 | 2 | 3 |
| 20 - 8             | 32-725388-1         | . . . . CONVERTER-COUNTER FLIP-FLOP  | L        | 2              | A              |   |   |   |
| - 9                | 32-724054-1         | . . . . FOUR INPUT NOR GATE  | L        | 12             | A              |   |   |   |
| - 10               | 32-741157-1         | . . . . TWO INPUT NOR GATE   | L        | 17             | A              |   |   |   |
| - 11               | 32-726843-1         | . . . . STORAGE FLIP-FLOP  | L        | 9              | A              |   |   |   |
| - 12               | 32-725360-1         | . . . . TWO INPUT NOR GATE   | L        | 1              | A              |   |   |   |
| - 13               | 32-724055-1         | . . . . DUAL FLIP-FLOP   | L        | 3              | A              |   |   |   |
| - 14               | 32-724135-1         | . . . . INVERTING NOR DRIVER   | L        | 3              | A              |   |   |   |
| -14A               | 32-724369-4         | . . . . VIBRATOR, CURSER   | L        | 1              | A              |   |   |   |
| - 15               | 32-725388-1         | . . . . CONVERTER-COUNTER FLIP-FLOP  | L        | 3              | B              |   |   |   |
| - 16               | 32-741157-1         | . . . . TWO INPUT NOR GATE   | L        | 18             | B              |   |   |   |
| - 17               | 32-724054-1         | . . . . FOUR INPUT NOR GATE  | L        | 16             | B              |   |   |   |
| - 18               | 32-725360-1         | . . . . TWO INPUT NOR GATE   | L        | 1              | B              |   |   |   |
| - 19               | 32-724135-1         | . . . . INVERTING NOR DRIVER   | L        | 1              | B              |   |   |   |
| - 20               | 32-737247-4         | . . . . 8 MILLISECOND SINGLE SHOT  | L        | 4              | B              |   |   |   |
| - 21               | 32-728661-1         | . . . . TELETYPE TO LOGIC CONVERTER  | L        | 1              | B              |   |   |   |
| - 22               | 32-728649-1         | . . . . LOGIC TO TELETYPE CONVERTER  | L        | 1              | B              |   |   |   |
| -22A               | 32-724369-4         | . . . . VIBRATOR, CURSER   | L        | 1              | B              |   |   |   |
| - 23               | MS25281-7           | . . . . CLAMP, LOOP  |          | 1              |                |   |   |   |
| - 24               | MS25281-6           | . . . . CLAMP, LOOP  |          | 1              |                |   |   |   |
| - 25               | MS25281-10          | . . . . CLAMP, LOOP  |          | 1              |                |   |   |   |
| - 26               | MS25281-8           | . . . . CLAMP, LOOP  |          | 1              |                |   |   |   |
|                    |                     | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-31          | . . . . SCREW  |          | 4              |                |   |   |   |
|                    | MS15795-805         | . . . . WASHER   |          | 4              |                |   |   |   |
|                    | D167CC              | . . . . WASHER, SADDLE PER 07397 DWG SPEC 70-801798-7                      | 95987    | 4              |                |   |   |   |
|                    | NAS679X06           | . . . . NUT  |          | 4              |                |   |   |   |
| - 27               | 82-728255-1         | . . . . PLATE, MOUNTING  |          | 4              |                |   |   |   |
| - 28               | 82-728256-1         | . . . . SUPPORT, WIRING HARNESS  |          | 3              |                |   |   |   |
|                    |                     | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-19          | . . . . SCREW  |          | 14             |                |   |   |   |
|                    | MS15795-803         | . . . . WASHER   |          | 14             |                |   |   |   |
|                    | NAS679X04           | . . . . NUT  |          | 14             |                |   |   |   |
| - 29               | 82-725858-1         | . . . . BRACKET, IDENTIFICATION  |          | 1              |                |   |   |   |
| - 30               | 82-725858-3         | . . . . BRACKET, IDENTIFICATION  |          | 1              |                |   |   |   |
|                    |                     | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-19          | . . . . SCREW  |          | 2              |                |   |   |   |
|                    | MS15795-803         | . . . . WASHER   |          | 2              |                |   |   |   |
|                    | NAS679X04           | . . . . NUT  |          | 2              |                |   |   |   |
| - 31               | XB602-14            | . . . . KEY, POLARIZING PER 07397 DWG SPEC 70-801732-1                     | 95238    | 48             | A              |   |   |   |
|                    | 091-0020-000        | □ . . . . KEY, POLARIZING PER 07397 DWG SPEC 70-801732-1                   | 05574    | REF            | A              |   |   |   |
|                    | XB602-14            | . . . . KEY, POLARIZING PER 07397 DWG SPEC 70-801732-1                     | 95238    | 45             | B              |   |   |   |
|                    | 091-0020-000        | □ . . . . KEY, POLARIZING PER 07397 DWG SPEC 70-801732-1                   | 05574    | REF            | B              |   |   |   |
| - 32               | VH22/1AN8           | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802221-2   | 05574    | 50             |                |   |   |   |
|                    | 225-22222-10100-100 | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802221-2 | 02660    | REF            |                |   |   |   |
|                    |                     | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-18          | . . . . SCREW  |          | 84             |                |   |   |   |
|                    | MS15795-803         | . . . . WASHER   |          | 84             |                |   |   |   |
|                    | NAS679X04           | . . . . NUT  |          | 84             |                |   |   |   |
| - 33               | FA7022              | . . . . FILTER, RF1 PER 07397 DWG SPEC 32-801855-2                         | 04732    | 1              |                |   |   |   |
|                    |                     | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS1957-28           | . . . . SCREW  |          | 2              |                |   |   |   |
|                    | MS15795-805         | . . . . WASHER   |          | 2              |                |   |   |   |
|                    | NAS679X06           | . . . . NUT  |          | 2              |                |   |   |   |
|                    |                     | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS25251-16          | . . . . PLUG, END SEAL   |          | 13             |                |   |   |   |
|                    | MS25251-16          | . . . . PLUG, END SEAL   |          | 18             |                |   |   |   |
|                    | B1616PCB01          | . . . . CONTACT, ELECTRICAL PER 07397 DWG 73-802109-4                      | 71468    | 9              |                |   |   |   |
|                    | 0004-065-000        | □ . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-4               | 11139    | REF            | A              |   |   |   |
|                    | B1616PCB01          | . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-4                 | 71468    | 7              | B              |   |   |   |
|                    | 0004-065-000        | □ . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-4               | 11139    | REF            | B              |   |   |   |

| FIG. AND INDEX NO. | MFR PART NUMBER      | DESCRIPTION  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|----------------------|--|----------|----------------|----------------|---|---|---|
|                    |                      |  |          |                |                | 1 | 2 | 3 |
| 20 - 34            | PT07SE18-11P         | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-115 | 77820    | 1              |                |   |   |   |
|                    | KPTM07E18-11PF120 □  | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-115 | 71468    | REF            |                |   |   |   |
|                    | B2020SBD01           | . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-1                 | 71468    | 83             | A              |   |   |   |
|                    | 0007-008-000 □       | . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-1                 | 11139    | REF            | A              |   |   |   |
| - 35               | PT07SE22-55S         | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-208 | 77820    | 1              | A              |   |   |   |
|                    | KPTM07E22-55SF120 □  | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-208 | 71468    | REF            | A              |   |   |   |
| - 36               | PT07SE18-32S         | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-140 | 77820    | 1              | A              |   |   |   |
|                    | KPTM07E18-32SF120 □  | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-140 | 71468    | REF            | A              |   |   |   |
|                    | B2020PBA01           | . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-2                 | 71468    | 3              | A              |   |   |   |
|                    | 0004-058-000 □       | . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-2                 | 11139    | REF            | A              |   |   |   |
|                    | B2020PBA01           | . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-2                 | 71468    | 105            | B              |   |   |   |
| - 37               | PT07SE12-10P         | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-37  | 77820    | 1              | A              |   |   |   |
|                    | KPTM07E12-10PF120 □  | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-37  | 71468    | REF            | A              |   |   |   |
|                    | PT07SE22-55P         | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-203 | 77820    | 1              | B              |   |   |   |
| - 38               | KPTM07E22-55PF120 □  | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-203 | 71468    | REF            | B              |   |   |   |
|                    | PT07SE18-32P         | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-135 | 77820    | 1              | B              |   |   |   |
| - 39               | KPTM07E18-32PF120 □  | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-135 | 71468    | REF            | B              |   |   |   |
|                    | PT07SE18-32PW        | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-136 | 77820    | 1              | B              |   |   |   |
|                    | KPTM07E18-32PWF120 □ | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-136 | 71468    | REF            | B              |   |   |   |
| - 41               | 82-728691-1          | . . . . PANEL, REAR  |          | 1              | A              |   |   |   |
|                    | 82-728675-1          | . . . . PANEL, REAR  |          | 1              | B              |   |   |   |
|                    | ATTACHING PARTS      |  |          |                |                |   |   |   |
|                    | MS51957-45           | . . . . SCREW  |          | 6              |                |   |   |   |
|                    | MS15795-807          | . . . . WASHER   |          | 6              |                |   |   |   |
| NAS679X08          | . . . . NUT          |  | 6        |                |                |   |   |   |
| - 42               | G51HB                | . . . . GROMMET, NYLON PER 07397 DWG SPEC 70-730018-2                      | 03296    | 10             |                |   |   |   |
|                    | 122 372 000 □        | . . . . GROMMET, NYLON PER 07397 DWG SPEC 70-730018-2                      | 11897    | REF            |                |   |   |   |
| - 43               | 82-725862-3          | . . . . CHASSIS, ELECTRICAL EQUIPMENT                                      |          | 1              |                |   |   |   |



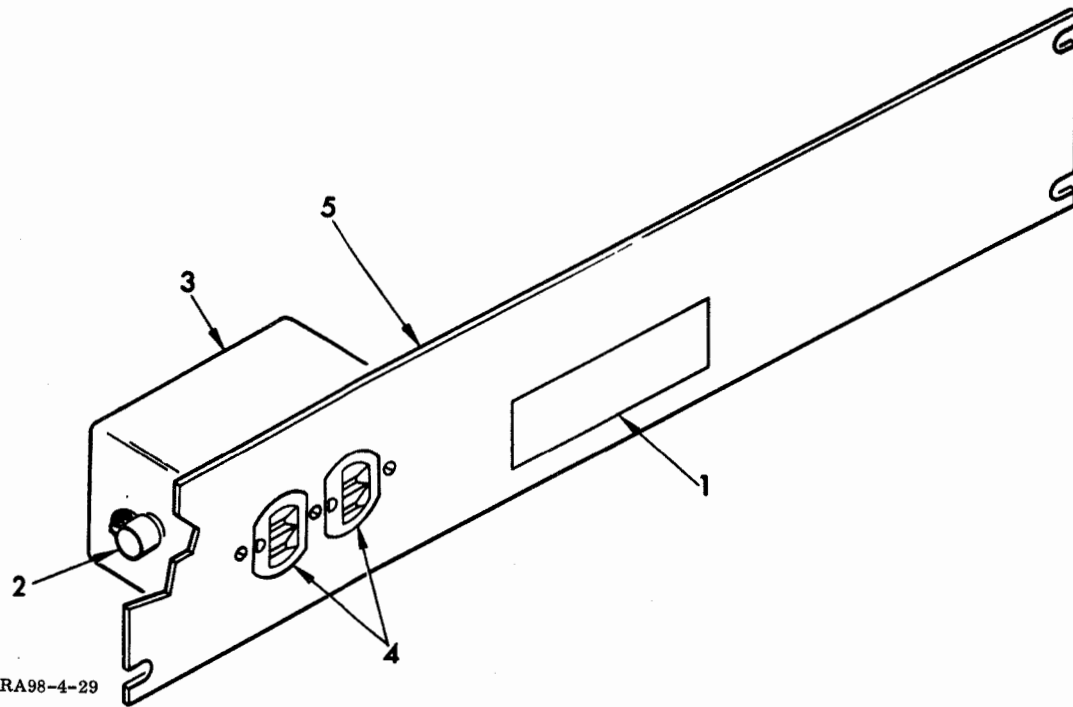


Figure 21. Interconnecting Box J-2150/FLR-9(V)

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | 1 2 3 4 5 6 7 8 9 |  |  |  |  |  |  |  |  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |  |
|--------------------|-----------------|---|-------------------|--|--|--|--|--|--|--|--|----------|----------------|----------------|--|
|                    |                 |   |                   |  |  |  |  |  |  |  |  |          |                |                |  |
| 21 -               | 89-724731-1     | . . . INTERCONNECTING BOX J-2150/FLR-9/V/<br>FOR NHA SEE FIG. 14-4          |                   |  |  |  |  |  |  |  |  |          |                | REF            |  |
| - 1                | 74-725900-444   | . . . PLATE, IDENTIFICATION   |                   |  |  |  |  |  |  |  |  |          |                | 1              |  |
|                    | MS21318-8       | ATTACHING PARTS<br>. . . . SCREW  |                   |  |  |  |  |  |  |  |  |          |                | 4              |  |
| - 2                | 254             | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 70-801870-1 |                   |  |  |  |  |  |  |  |  |          | 59730          | 1              |  |
| - 3                | 181-1/2         | . . . . JUNCTION BOX PER 07397 DWG SPEC<br>81-801877-1                      |                   |  |  |  |  |  |  |  |  |          | 03743          | 1              |  |
|                    | 68371-1/2       | □ . . . . JUNCTION BOX PER 07397 DWG SPEC<br>81-801877-1                    |                   |  |  |  |  |  |  |  |  |          | 78229          | REF            |  |
|                    | MS51959-29      | ATTACHING PARTS<br>. . . . SCREW  |                   |  |  |  |  |  |  |  |  |          |                | 2              |  |
| - 4                | 5262            | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-801773-2 |                   |  |  |  |  |  |  |  |  |          | 74545          | 2              |  |
|                    | MS51959-29      | ATTACHING PARTS<br>. . . . SCREW  |                   |  |  |  |  |  |  |  |  |          |                | 2              |  |
| - 5                | 82-724582-1     | . . . . PANEL, MOUNTING   |                   |  |  |  |  |  |  |  |  |          |                | 1              |  |

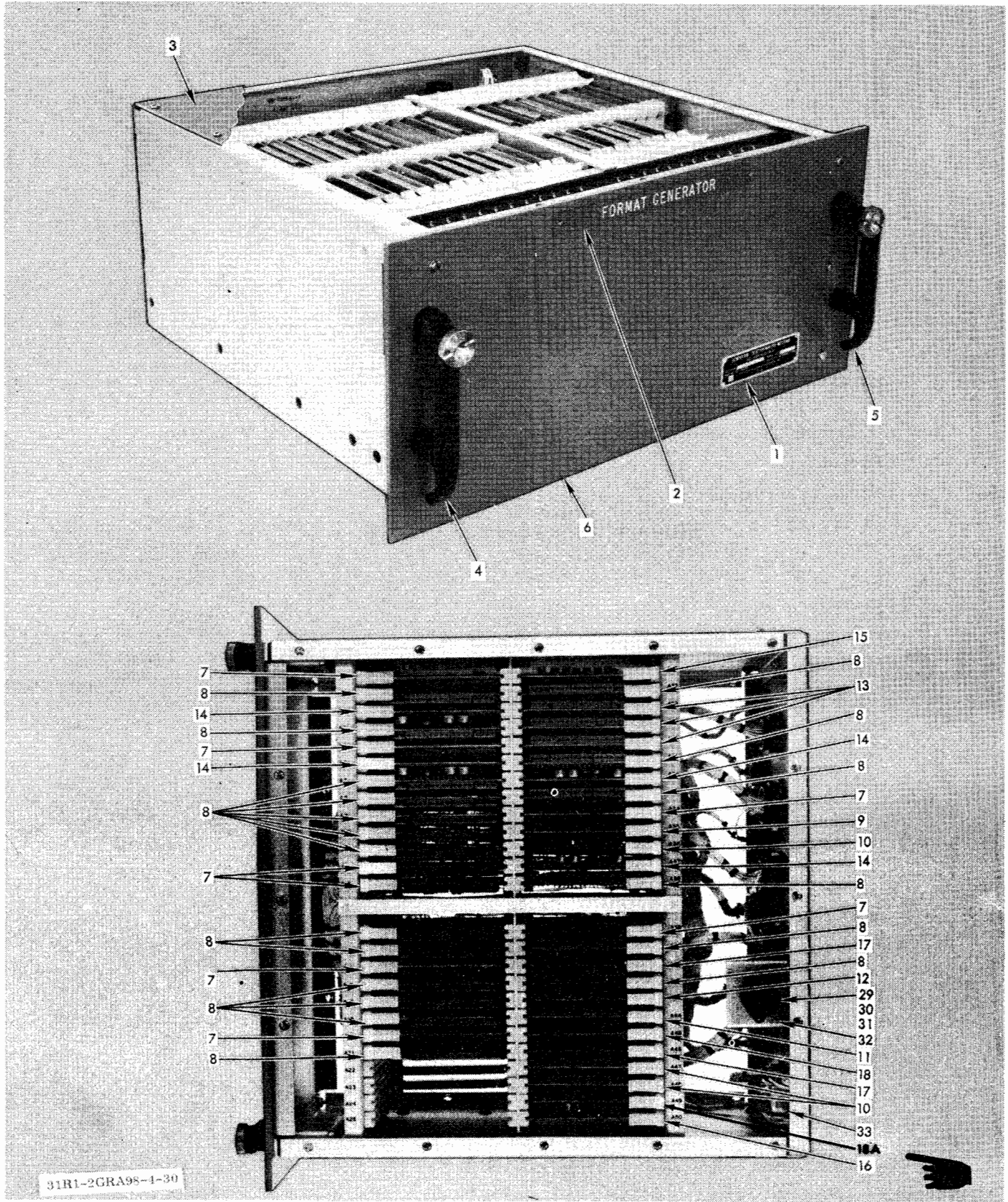


Figure 22. Teletypewriter Message Generator SG-624/FLR-9(V) (Sheet 1 of 2)



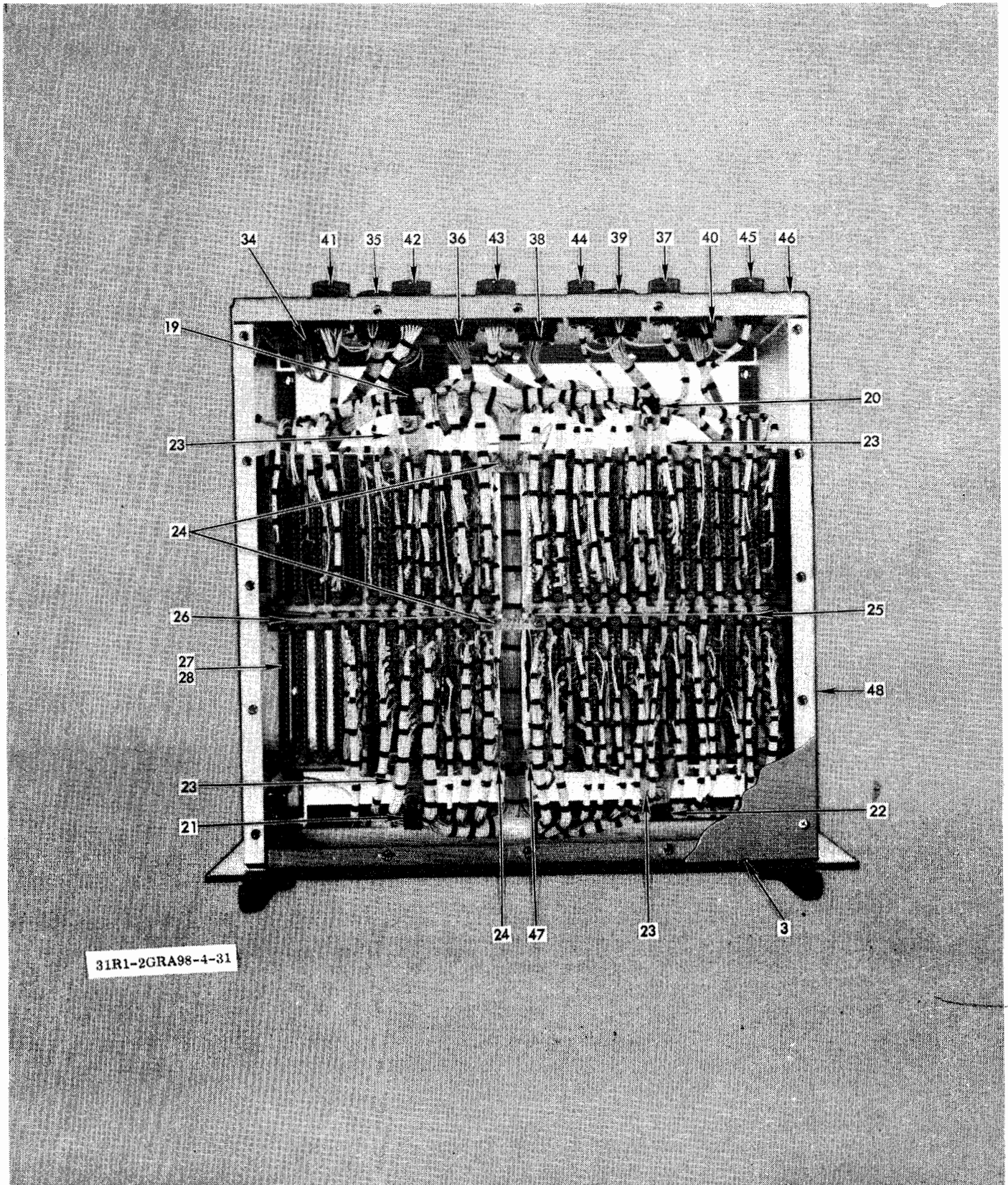


Figure 22. Teletypewriter Message Generator SG-624/FLR-9(V) (Sheet 2 of 2)

| FIG. AND INDEX NO. | MFR PART NUMBER     | DESCRIPTION  | MFR CODE | UNITS PER ASSY | USABLE  |
|--------------------|---------------------|--|----------|----------------|---------|
|                    |                     |  |          |                | ON CODE |
|                    |                     | 1 2 3 4 5 6 7 8 9  |          |                |         |
| 22 -               | 02-728325-1         | . . . TELETYPEWRITER MESSAGE GENERATOR<br>SG-624/FLR-9/V/ FOR NHA SEE FIG.<br>19-8       |          | REF            |         |
| - 1                | 74-725900-643       | . . . PLATE, IDENTIFICATION  |          | 1              |         |
|                    | MS21318-8           | . . . ATTACHING PARTS<br>. . . SCREW   |          | 4              |         |
| - 2                | 82-728587-1         | . . . PLATE, DESIGNATION   |          | 1              |         |
|                    | MS21318-20          | . . . ATTACHING PARTS<br>. . . SCREW   |          | 2              |         |
| - 3                | 82-725854-5         | . . . COVER  |          | 2              |         |
|                    | 12S1-12-1BB         | . . . ATTACHING PARTS<br>. . . FASTENER, POSITIVE LOCK PER 07397<br>DWG SPEC 70-802396-1 | 71286    | 32             |         |
|                    | 5S3-2               | . . . FASTENER, POSITIVE LOCK PER 07397<br>DWG SPEC 70-802396-3                          | 71286    | 32             |         |
| - 4                | HC118LH             | . . . HANDLE, LH PER 07397 DWG<br>SPEC 74-801610-1                                       | 06666    | 1              |         |
| - 5                | HC118RH             | . . . HANDLE, RH PER 07397 DWG<br>SPEC 74-801610-2                                       | 06666    | 1              |         |
| - 6                | 82-725856-2         | . . . PANEL, FRONT   |          | 1              |         |
|                    | MS51957-47          | . . . ATTACHING PARTS<br>. . . SCREW   |          | 6              |         |
|                    | MS15795-807         | . . . WASHER   |          | 6              |         |
|                    | MS21044-C08         | . . . NUT  |          | 6              |         |
| - 7                | 32-724054-1         | . . . NORGATE 1  | L        | 8              |         |
| - 8                | 32-741157-1         | . . . NORGATE 4  | L        | 19             |         |
| - 9                | 32-724135-1         | . . . INVERTER, SIGNAL   | L        | 1              |         |
| - 10               | 32-724743-1         | . . . DRIVER, RELAY  | L        | 3              |         |
| - 11               | 32-725360-1         | . . . AMPLIFIER, RESET   | L        | 1              |         |
| - 12               | 32-725388-1         | . . . CONVERTER, COUNTER   | L        | 1              |         |
| - 13               | 32-724055-1         | . . . CONTROL, DUAL FLIP FLOP  | L        | 3              |         |
| - 14               | 32-726843-1         | . . . REGISTER, FLIP FLOP  | L        | 4              |         |
| - 15               | 32-728714-1         | . . . BUFFER   | L        | 1              |         |
| - 16               | 32-728655-1         | . . . MULTIVIBRATOR  | L        | 1              |         |
| - 17               | 32-737247-4         | . . . SINGLE SHOT A  | L        | 2              |         |
| - 18               | 32-737247-3         | . . . SINGLE SHOT D  | L        | 1              |         |
| -18A               | 32-724369-4         | . . . VIBRATOR, CURSER   | L        | 1              |         |
| - 19               | MS25281-8           | . . . CLAMP, LOOP  |          | 1              |         |
| - 20               | MS25281-10          | . . . CLAMP, LOOP  |          | 1              |         |
| - 21               | MS25281-6           | . . . CLAMP, LOOP  |          | 1              |         |
| - 22               | MS25281-7           | . . . CLAMP, LOOP  |          | 1              |         |
|                    | MS51957-30          | . . . ATTACHING PARTS<br>. . . SCREW   |          | 4              |         |
|                    | MS15795-805         | . . . WASHER   |          | 4              |         |
|                    | D167CC              | . . . WASHER, SADDLE PER 07397 DWG<br>SPEC 70-801798-7                                   | 95987    | 4              |         |
|                    | MS21044C06          | . . . ATTACHING PARTS<br>. . . NUT   |          | 4              |         |
| - 23               | 82-728255-1         | . . . PLATE, MOUNTING  |          | 4              |         |
| - 24               | 82-728256-1         | . . . SUPPORT, WIRING HARNESS  |          | 3              |         |
|                    | MS51957-19          | . . . ATTACHING PARTS<br>. . . SCREW   |          | 14             |         |
|                    | MS15795-803         | . . . WASHER   |          | 14             |         |
|                    | MS21044C04          | . . . NUT  |          | 14             |         |
| - 25               | 82-725858-1         | . . . BRACKET, IDENTIFICATION  |          | 1              |         |
| - 26               | 82-725858-3         | . . . BRACKET, IDENTIFICATION  |          | 1              |         |
|                    | MS51957-19          | . . . ATTACHING PARTS<br>. . . SCREW   |          | 2              |         |
|                    | MS15795-803         | . . . WASHER   |          | 2              |         |
|                    | MS21044C04          | . . . NUT  |          | 2              |         |
| - 27               | XB602-14            | . . . KEY, POLARIZING PER 07397<br>DWG SPEC 70-801732-1                                  | 95238    | 45             |         |
|                    | 091-0020-000        | . . . KEY, POLARIZING PER 07397<br>DWG SPEC 70-801732-1                                  | 05574    | REF            |         |
| - 28               | VH22/1AN8           | . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802221-2                | 05574    | 50             |         |
|                    | 225-22222-10100-100 | . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802221-2                | 02660    | REF            |         |
|                    | MS51957-18          | . . . ATTACHING PARTS<br>. . . SCREW   |          | 84             |         |
|                    | MS15795-803         | . . . WASHER   |          | 84             |         |
|                    | MS21044C04          | . . . NUT  |          | 84             |         |

| FIG. AND INDEX NO. | MFR PART NUMBER    | DESCRIPTION  | MFR CODE | UNITS    | USABLE  |
|--------------------|--------------------|--|----------|----------|---------|
|                    |                    |  |          | PER ASSY | ON CODE |
|                    |                    | 1 2 3 4 5 6 7 8 9  |          |          |         |
| 22 - 29            | 1N645              | . . . . SEMICONDUCTOR DEVICE, DIODE  |          | 1        |         |
| - 30               | MHJL012D12.0VDC    | . . . . RELAY, PER 07397 DWG SPEC 31-801763-4                                | 70309    | 1        |         |
| - 31               | 16185-1            | . . . . SOCKET, RELAY PER 07397 DWG SPEC 73-801767-1                         | 70309    | 1        |         |
| - 32               | 82-728673-1        | . . . . BRACKET, MOUNTING, REALY ATTACHING PARTS                             |          | 1        |         |
|                    | MS51957-30         | . . . . SCREW  |          | 4        |         |
|                    | MS15795-805        | . . . . WASHER   |          | 4        |         |
|                    | MS21044C06         | . . . . NUT  |          | 4        |         |
| - 33               | FA7022             | . . . . FILTER, RFI PER 07397 DWG SPEC 32-801855-2                           | 04732    | 1        |         |
|                    |                    | ATTACHING PARTS  |          |          |         |
|                    | MS35233-30         | . . . . SCREW  |          | 2        |         |
|                    | MS15795-805        | . . . . WASHER   |          | 2        |         |
|                    | MS21044C06         | . . . . NUT  |          | 2        |         |
|                    |                    | --- * ---  |          |          |         |
|                    | MS25251-16         | . . . . PLUG, END SEAL   |          | 100      |         |
|                    | B1616PCB01         | . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-4                   | 71468    | 7        |         |
|                    | 0004-065-000       | □ . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-4                 | 11139    | REF      |         |
| - 34               | PT07SE18-11P       | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-115   | 77820    | 1        |         |
|                    | KPTM07E18-11PF120  | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-115 | 71468    | REF      |         |
|                    | B2020SBD01         | . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-1                   | 71468    | 94       |         |
|                    | 0007-C08-000       | □ . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-1                 | 11139    | REF      |         |
| - 35               | PT07SE22-55S       | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-208   | 77820    | 1        |         |
|                    | KPTM07E22-55SF120  | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-208 | 71468    | REF      |         |
| - 36               | PT07SE18-32S       | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-140   | 77820    | 1        |         |
|                    | KPTM07E18-32SF120  | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-140 | 71468    | REF      |         |
| - 37               | PT07SE14-19S       | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-87    | 77820    | 1        |         |
|                    | KPTM07E14-19SF120  | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-87  | 71468    | REF      |         |
|                    | B2020PBA01         | . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-2                   | 71468    | 160      |         |
|                    | 0004-058-000       | □ . . . . CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-2                 | 11139    | REF      |         |
| - 38               | PT07SE18-32P       | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-135   | 77820    | 1        |         |
|                    | KPTM07E18-32PF120  | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-135 | 71468    | REF      |         |
| - 39               | PT07SE22-55P       | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-203   | 77820    | 1        |         |
|                    | KPTM07E22-55PF120  | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-203 | 71468    | REF      |         |
| - 40               | PT07SE18-32PW      | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-136   | 77820    | 1        |         |
|                    | KPTM07E18-32WF120  | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-136 | 71468    | REF      |         |
| - 41               | PT07SE18-32PX      | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-137   | 77820    | 1        |         |
|                    | KPTM07E18-32PXF120 | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-137 | 71468    | REF      |         |
| - 42               | PT07SE18-32PY      | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-138   | 77820    | 1        |         |
|                    | KPTM07E18-32PYF120 | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-138 | 71468    | REF      |         |
| - 43               | PT07SE18-32PZ      | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-139   | 77820    | 1        |         |
|                    | KPTM07E18-32PZF120 | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-139 | 71468    | REF      |         |
| - 44               | PT07SE12-10P       | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-37    | 77820    | 1        |         |
|                    | KPTM07E12-10PF120  | □ . . . . CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-37  | 71468    | REF      |         |

| FIG. AND INDEX NO. | MFR PART NUMBER     | DESCRIPTION  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|---------------------|--|----------|----------------|----------------|---|---|---|
|                    |                     |  |          |                |                | 1 | 2 | 3 |
| 22 - 45            | PT07SE14-19P        | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-83 | 77820    | 1              |                |   |   |   |
|                    | KPTM07E14-19PF120 □ | . . . . CONNECTOR, RECEPTACLE, ELECTRICAL<br>PER 07397 DWG SPEC 73-802019-83 | 71468    | 1              |                |   |   |   |
| - 46               | 82-728645-1         | . . . . PANEL, MOUNTING, REAR<br>ATTACHING PARTS                             |          | 1              |                |   |   |   |
|                    | MS51957-46          | . . . . SCREW  |          | 6              |                |   |   |   |
|                    | MS15795-807         | . . . . WASHER   |          | 6              |                |   |   |   |
|                    | MS21044C08          | . . . . NUT  |          | 6              |                |   |   |   |
|                    |                     | - - - * - - -  |          |                |                |   |   |   |
| - 47               | G51HB               | . . . . GROMMET, NYLON PER 07397 DWG<br>SPEC 70-730018-2                     | 03296    | 10             |                |   |   |   |
|                    | 122 37 2000 □       | . . . . GROMMET, NYLON PER 07397 DWG<br>SPEC 70-730018-2                     | 11897    | REF            |                |   |   |   |
| - 48               | 82-725862-3         | . . . . CHASSIS, ELECTRICAL EQUIPMENT  |          | 1              |                |   |   |   |



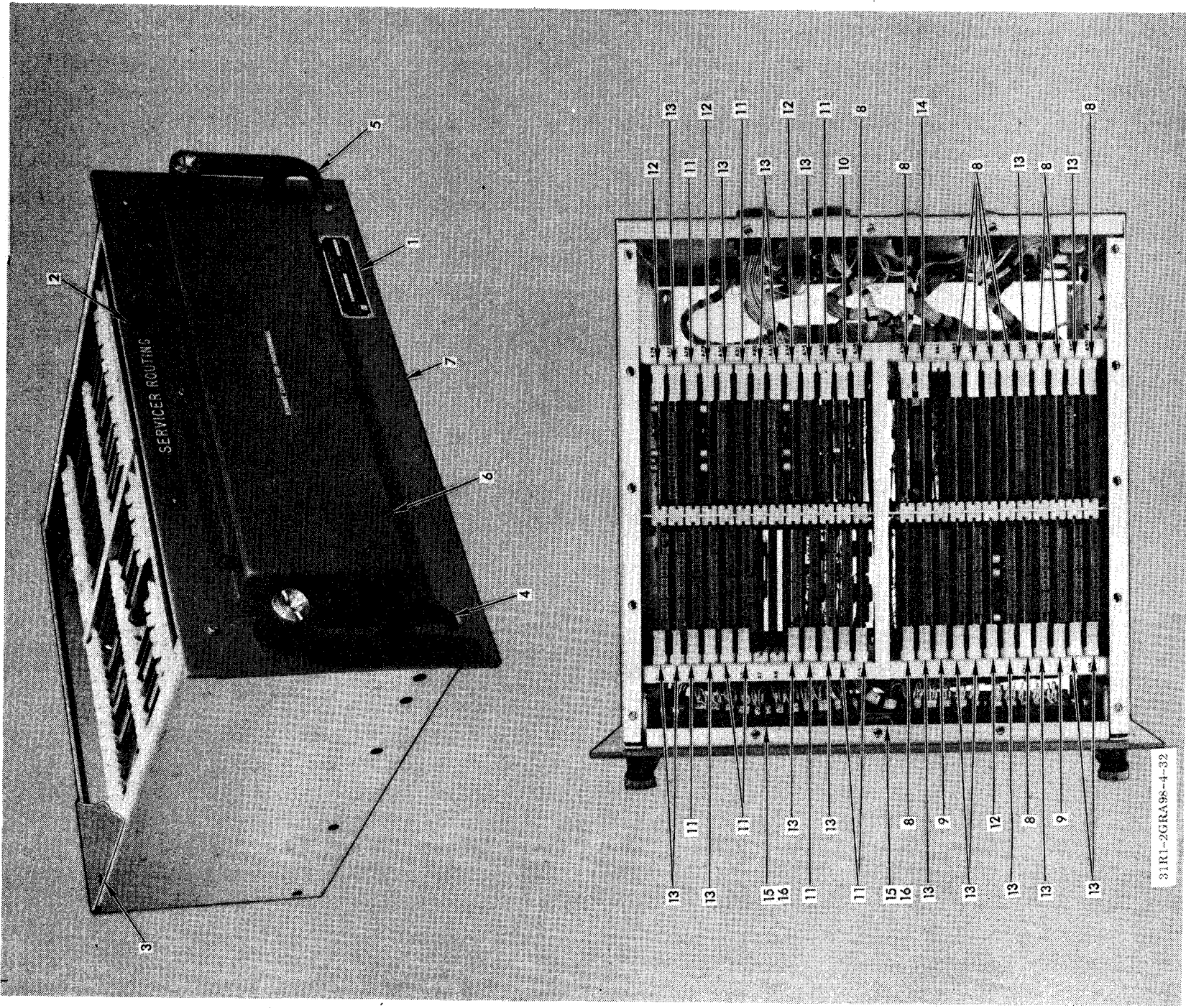


Figure 23. Digital Data Router MX-6698/FLR-9(V) (Sheet 1 of 2)

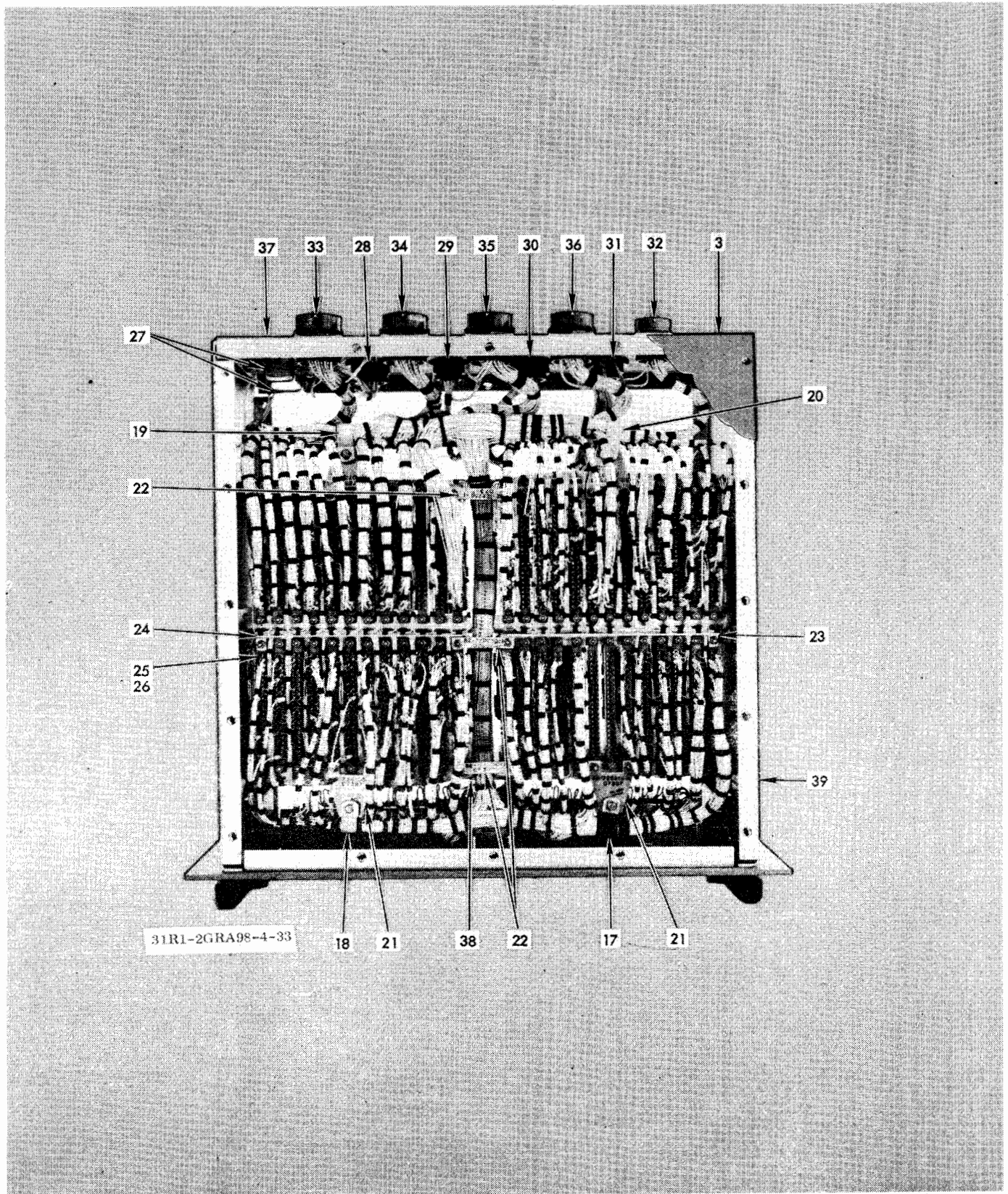


Figure 23. Digital Data Router MX-6898/FLR-9(V) (Sheet 2 of 2)



| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION   | MFR CODE | UNITS    | USABLE ON CODE |
|--------------------|-----------------|---|----------|----------|----------------|
|                    |                 |   |          | PER ASSY |                |
|                    |                 | 1 2 3 4 5 6 7 8 9   |          |          |                |
| 23 -               | 02-728322-1     | . . . ROUTER, DIGITAL DATA MX-6898/FLR-9/V/<br>FOR NHA SEE FIG. 19-9                |          | REF      |                |
| - 1                | 74-725900-640   | . . . PLATE, IDENTIFICATION   |          | 1        |                |
|                    | MS21318-8       | ATTACHING PARTS<br>. . . SCREW  |          | 4        |                |
| - 2                | 82-728587-4     | . . . PLATE, DESIGNATION  |          | 1        |                |
|                    | MS21318-20      | ATTACHING PARTS<br>. . . SCREW  |          | 2        |                |
| - 3                | 82-725854-5     | . . . COVER   |          | 2        |                |
|                    | 12S1-12-1BB     | ATTACHING PARTS<br>. . . FASTENER, POSITIVE LOCK PER 07397-<br>DWG SPEC 70-802396-1 | 71286    | 32       |                |
|                    | 5S3-2           | . . . FASTENER, POSITIVE LOCK PER 07397<br>DWG SPEC 70-802396-3                     | 71286    | 32       |                |
| - 4                | HC11BLH         | . . . HANDLE, LH PER 07397 DWG<br>SPEC 74-801610-1                                  | 06666    | 1        |                |
| - 5                | HC11BRH         | . . . HANDLE, RH PER 07397 DWG<br>SPEC 74-801610-2                                  | 06666    | 1        |                |
| - 6                | 82-728711-1     | . . . COVER   |          | 1        |                |
|                    | 12S1-19-1BB     | ATTACHING PARTS<br>. . . FASTENER, POSITIVE LOCK PER<br>07397 DWG SPEC 70-802396-4  | 71286    | 8        |                |
|                    | 5S3-2           | . . . FASTENER, POSITIVE LOCK PER<br>07397 DWG SPEC 70-802396-3                     | 71286    | 8        |                |
| - 7                | 82-728690-1     | . . . PANEL, FRONT  |          | 1        |                |
|                    | MS51957-46      | ATTACHING PARTS<br>. . . SCREW  |          | 6        |                |
|                    | MS15795-807     | . . . WASHER  |          | 6        |                |
|                    | MS21044C08      | . . . NUT   |          | 6        |                |
| - 8                | 32-724054-1     | . . . FOUR INPUT NORGATE  |          | 11       |                |
| - 9                | 32-724055-1     | . . . DUAL FLIP-FLOP  | L        | 2        |                |
| - 10               | 32-724135-1     | . . . INVERTING NOR DRIVER  | L        | 1        |                |
| - 11               | 32-724743-1     | . . . RELAY AND LAMP DRIVER   | L        | 9        |                |
| - 12               | 32-726843-1     | . . . STORAGE FLIP-FLOP   | L        | 4        |                |
| - 13               | 32-741157-1     | . . . TWO INPUT NORGATE   | L        | 19       |                |
| - 14               | 32-728658-1     | . . . 50 MILLISECOND AND 2-TO-10 SECOND<br>SINGLE SHOT AND 2-CPS<br>MULTIVIBRATOR   | L        | 1        |                |
| - 15               | 13-728725-1     | . . . PLUG-DIODE ASSEMBLY   |          | 200      |                |
|                    | DP2             | . . . PLUG PER 07397 DWG SPEC<br>02-802425-4  | 98291    | 1        |                |
| - 16               | IN270           | . . . SEMICONDUCTOR DEVICE, DIODE   |          | 1        |                |
|                    | SBX092264-10    | . . . CONTACT ASSEMBLY PER 07397 DWG SPEC<br>02-802425-3                            | 98291    | 2        |                |
|                    | MS51957-17      | ATTACHING PARTS<br>. . . SCREW  |          | 8        |                |
|                    | MS15795-803     | . . . WASHER  |          | 8        |                |
|                    | MS21044C04      | . . . NUT   |          | 8        |                |
| - 17               | MS25281-7       | . . . CLAMP, LOOP   |          | 1        |                |
| - 18               | MS25281-6       | . . . CLAMP, LOOP   |          | 1        |                |
| - 19               | MS25281-10      | . . . CLAMP, LOOP   |          | 1        |                |
| - 20               | MS25281-8       | . . . CLAMP, LOOP   |          | 1        |                |
|                    | MS51957-31      | ATTACHING PARTS<br>. . . SCREW  |          | 4        |                |
|                    | MS15795-805     | . . . WASHER  |          | 4        |                |
|                    | D167CC          | . . . WASHER, SADDLE PER 07397 DWG<br>SPEC 70-801798-7                              | 95987    | 4        |                |
|                    | MS21044C06      | . . . NUT   |          | 4        |                |
| - 21               | 82-728255-1     | . . . PLATE, MOUNTING   |          | 4        |                |
| - 22               | 82-728256-1     | . . . SUPPORT, WIRING HARNESS   |          | 3        |                |
|                    | MS51957-18      | ATTACHING PARTS<br>. . . SCREW  |          | 14       |                |
|                    | MS15795-803     | . . . WASHER  |          | 14       |                |
|                    | MS21044C04      | . . . NUT   |          | 14       |                |

| FIG. AND INDEX NO. | MFR PART NUMBER    | DESCRIPTION |  |   |   |   |   |   |   |   |  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |  |
|--------------------|--------------------|-------------|--|---|---|---|---|---|---|---|--|----------|----------------|----------------|--|
|                    |                    | 1           | 2  | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |          |                |                |  |
| 23 - 23            | 82-725858-1        | . . . .     | BRACKET, IDENTIFICATION  |   |   |   |   |   |   |   |  |          |                | 1              |  |
| - 24               | 82-725858-3        | . . . .     | BRACKET, IDENTIFICATION  |   |   |   |   |   |   |   |  |          |                | 1              |  |
|                    | MS51957-19         | . . . .     | SCREW  |   |   |   |   |   |   |   |  |          |                | 2              |  |
|                    | MS15795-803        | . . . .     | WASHER   |   |   |   |   |   |   |   |  |          |                | 2              |  |
|                    | MS21044C04         | . . . .     | NUT  |   |   |   |   |   |   |   |  |          |                | 2              |  |
|                    |                    | - - - -     | * - - - -  |   |   |   |   |   |   |   |  |          |                |                |  |
| - 25               | XB602-14           | . . . .     | KEY, POLARIZING PER 07397 DWG SPEC 70-801732-1                     |   |   |   |   |   |   |   |  | 95238    |                | 47             |  |
|                    | 091-0020-000       | □ . . . .   | KEY, POLARIZING PER 07397 DWG SPEC 70-801732-1                     |   |   |   |   |   |   |   |  | 05574    |                | REF            |  |
| - 26               | VH22/1AN8          | . . . .     | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802221-2   |   |   |   |   |   |   |   |  | 05574    |                | 50             |  |
|                    | 225-22222-10100-   | □ . . . .   | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802221-2   |   |   |   |   |   |   |   |  | 02660    |                | REF            |  |
|                    |                    |             | ATTACHING PARTS  |   |   |   |   |   |   |   |  |          |                |                |  |
|                    | MS51957-18         | . . . .     | SCREW  |   |   |   |   |   |   |   |  |          |                | 84             |  |
|                    | MS15795-803        | . . . .     | WASHER   |   |   |   |   |   |   |   |  |          |                | 84             |  |
|                    | MS21044C04         | . . . .     | NUT  |   |   |   |   |   |   |   |  |          |                | 84             |  |
|                    |                    | - - - -     | * - - - -  |   |   |   |   |   |   |   |  |          |                |                |  |
| - 27               | FA7022             | . . . .     | FILTER, RFI PER 07397 DWG SPEC 32-801855-2                         |   |   |   |   |   |   |   |  | 04732    |                | 2              |  |
|                    |                    |             | ATTACHING PARTS  |   |   |   |   |   |   |   |  |          |                |                |  |
|                    | MS51957-28         | . . . .     | SCREW  |   |   |   |   |   |   |   |  |          |                | 4              |  |
|                    | MS15795-805        | . . . .     | WASHER   |   |   |   |   |   |   |   |  |          |                | 4              |  |
|                    | MS21044C06         | . . . .     | NUT  |   |   |   |   |   |   |   |  |          |                | 4              |  |
|                    |                    | - - - -     | * - - - -  |   |   |   |   |   |   |   |  |          |                |                |  |
|                    | MS25251-16         | . . . .     | PLUG, END SEAL   |   |   |   |   |   |   |   |  |          |                | 51             |  |
|                    | B1616PCB01         | . . . .     | CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-4                 |   |   |   |   |   |   |   |  | 71468    |                | 8              |  |
|                    | 0004-065-000       | □ . . . .   | CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-4                 |   |   |   |   |   |   |   |  | 11139    |                | REF            |  |
| - 28               | PT07SE18-11P       | . . . .     | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-115 |   |   |   |   |   |   |   |  | 77820    |                | 1              |  |
|                    | KPTM07E18-11PF120  | □ . . . .   | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-115 |   |   |   |   |   |   |   |  | 71468    |                | REF            |  |
|                    | B2020SBD01         | . . . .     | CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-1                 |   |   |   |   |   |   |   |  | 71468    |                | 117            |  |
|                    | 0007-008-000       | □ . . . .   | CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-1                 |   |   |   |   |   |   |   |  | 11139    |                | REF            |  |
| - 29               | PT07SE14-19S       | . . . .     | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-87  |   |   |   |   |   |   |   |  | 77820    |                | 1              |  |
|                    | KPTM07E14-19SF120  | □ . . . .   | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-87  |   |   |   |   |   |   |   |  | 71468    |                | REF            |  |
| - 30               | PT07SE22-55S       | . . . .     | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-208 |   |   |   |   |   |   |   |  | 77820    |                | 1              |  |
|                    | KPTM07E22-55SF120  | □ . . . .   | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-208 |   |   |   |   |   |   |   |  | 71468    |                | REF            |  |
| - 31               | PT07SE22-55SW      | . . . .     | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-209 |   |   |   |   |   |   |   |  | 77820    |                | 1              |  |
|                    | KPTM07E22-55SWF120 | □ . . . .   | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-209 |   |   |   |   |   |   |   |  | 71468    |                | REF            |  |
| - 32               | PT07SE18-32S       | . . . .     | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-140 |   |   |   |   |   |   |   |  | 77820    |                | 1              |  |
|                    | KPTM07E18-32SF120  | □ . . . .   | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-140 |   |   |   |   |   |   |   |  | 71468    |                | REF            |  |
|                    | B2020PBA01         | . . . .     | CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-2                 |   |   |   |   |   |   |   |  | 71468    |                | 216            |  |
|                    | 0004-058-000       | □ . . . .   | CONTACT, ELECTRICAL PER 07397 DWG SPEC 73-802109-2                 |   |   |   |   |   |   |   |  | 11139    |                | REF            |  |
| - 33               | PT07SE22-55P       | . . . .     | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-203 |   |   |   |   |   |   |   |  | 77820    |                | 1              |  |
|                    | KPTM07E22-55PF120  | □ . . . .   | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-203 |   |   |   |   |   |   |   |  | 71468    |                | REF            |  |
| - 34               | PT07SE22-55PW      | . . . .     | CONNECTOR RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-204  |   |   |   |   |   |   |   |  | 77820    |                | 1              |  |
|                    | KPTM07E22-55PWF120 | □ . . . .   | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-204 |   |   |   |   |   |   |   |  | 71468    |                | REF            |  |
| - 35               | PT07SE22-55PX      | . . . .     | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-205 |   |   |   |   |   |   |   |  | 77820    |                | 1              |  |
|                    | KPTM07E22-55PXF120 | □ . . . .   | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-205 |   |   |   |   |   |   |   |  | 71468    |                | REF            |  |
| - 36               | PT07SE22-55PY      | . . . .     | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-206 |   |   |   |   |   |   |   |  | 77820    |                | 1              |  |
|                    | KPTM07E22-55PYF120 | □ . . . .   | CONNECTOR, RECEPTACLE, ELECTRICAL PER 07397 DWG SPEC 73-802019-206 |   |   |   |   |   |   |   |  | 71468    |                | REF            |  |

| FIG. AND INDEX NO. | MFR PART NUMBER | DESCRIPTION  | MFR CODE | UNITS PER ASSY | USABLE ON CODE |   |   |   |
|--------------------|-----------------|--|----------|----------------|----------------|---|---|---|
|                    |                 |  |          |                |                | 1 | 2 | 3 |
| 23 - 37            | 82-728687-1     | . . . . PANEL, REAR                                      |          | 1              |                |   |   |   |
|                    |                 | ATTACHING PARTS  |          |                |                |   |   |   |
|                    | MS51957-45      | . . . . SCREW  |          | 6              |                |   |   |   |
|                    | MS15795-807     | . . . . WASHER   |          | 6              |                |   |   |   |
|                    | MS21044C08      | . . . . NUT  |          | 6              |                |   |   |   |
|                    |                 | - - - * - - -  |          |                |                |   |   |   |
| - 38               | G51HB           | . . . . GROMMET, NYLON PER 07397 DWG SPEC<br>70-730018-2 | 03296    | 10             |                |   |   |   |
|                    | 122 37 2000     | . . . . GROMMET, NYLON PER 07397 DWG SPEC<br>70-730018-2 | 11897    | REF            |                |   |   |   |
| - 39               | 82-725862-3     | . . . . CHASSIS, ELECTRICAL EQUIPMENT                    |          | 1              |                |   |   |   |