

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT

MAINTENANCE REPAIR PARTS AND

SPECIAL TOOLS LIST

FOR

RADIO FREQUENCY POWER GENERATOR SYSTEM

(NSN 4931-00-128-1443)

Current as of 17 February 1976

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|         | FUNCTIONAL                      |                  |
|         | GROUP                           |                  |
|         | GROUP TITLE                     |                  |
|         | MODEL                           |                  |
|         | NO.                             |                  |
|         | PART                            |                  |
|         | NUMBER                          |                  |
|         | 1690                            | Generator, Radio |
|         |                                 | 447              |
|         |                                 | MIS 10240        |
|         | 1690-03                         | Module Plug-In   |
|         |                                 | 184-4            |
|         |                                 | Unit             |
|         | 1690-07                         | Module Plug-In   |
|         |                                 | 185-4            |
|         |                                 | Unit             |
|         | 1690-11                         | Module Plug-In   |
|         |                                 | 186-4            |
|         |                                 | Unit             |
|         | 1690-15                         | Module Plug-In   |
|         |                                 | 187-4            |
|         |                                 | Unit             |
|         | 6360                            | Radio Frequency  |
|         |                                 | Power Amplifier  |
|         |                                 | MIS 10277        |
|         | 6633                            | Power Generator  |
|         |                                 | 15009            |
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\*This TM supersedes TM 9-4931-476-34P, 22 January 1975.

## SECTION I. INTRODUCTION

### 1. Scope

This manual lists repair parts that are required for maintenance of Radio Frequency Power Generator System (NSN 4931-00-128-1443) and is applicable to Army Area Calibration Teams (ACCT's).

#### NOTE

Throughout this manual, DS is used to indicate AACT

### 2. General

This manual is divided as follows:

a. Section I. Introduction.

b. Section II. Repair Parts List. A list, in alphabetical sequence, of repair parts authorized for the performance of maintenance at the AACT support levels.

c. Section III. National Stock Number and Reference Number Index. A list in ascending numerical sequence, of all National stock numbers (NSN's) appearing in the repair parts list, followed by a list of all reference numbers in alpha-numeric sequence appearing in the list. The NSN's and reference numbers

are cross-referenced to a figure number and item number in column 1.

#### NOTE

The figure and item number columns represent cross-reference numbers, since illustrations are not included in this manual.

### 3. Explanation of Columns

Refer to section I of TM 9-4931-700-34P for explanation of columns (para 3), special information (para 4, except for subparagraph 4 0 which is not applicable to this manual), and abbreviations (para 6).

### 4. How to Locate Repair Parts

When NSN or reference number is unknown, use the repair parts listing and locate the item by description.

When National stock number is known, use the list of NSN's or the reference numbers and locate the cross-referenced figure and item number. Locate the cross-referenced figure and item number under column 1 of the repair parts list for the complete description of the repair part.

## SECTION II

## Repair Parts List

TM 9-4931-476-34P

| (1)<br>ILLUSTRATION |                    | (2)         | (3)                         | (4)             | (5)   | (6)<br>DESCRIPTION                                                                                                             | (7) | (8)              |
|---------------------|--------------------|-------------|-----------------------------|-----------------|-------|--------------------------------------------------------------------------------------------------------------------------------|-----|------------------|
| (a)<br>FIG<br>NO.   | (b)<br>ITEM<br>NO. | SMR<br>CODE | NATIONAL<br>STOCK<br>NUMBER | PART<br>NUMBER  | FSCM  | USABLE ON CODE<br>UNIT                                                                                                         | U/M | QTY<br>INC<br>IN |
|                     |                    |             |                             |                 |       | GROUP 1690                                                                                                                     |     |                  |
|                     |                    |             |                             |                 |       | GENERATOR, RADIO FREQUENCY POWER                                                                                               |     |                  |
|                     |                    |             |                             |                 |       | 447 16469                                                                                                                      |     |                  |
|                     |                    |             |                             |                 |       | MIS10240 18876                                                                                                                 |     |                  |
| C                   | 1                  | 3           | PAHZZ 5910-00-465-1392      | 301-000C0J0309C | 72982 | CAPACITOR HKN                                                                                                                  | EA  | 1                |
| C                   | 1                  | 5           | PADZZ 5910-00-760-9524      | 052-100MFD150V  | 00853 | CAPACITOR HKN                                                                                                                  | EA  | 1                |
|                     | 1                  | 7           | PAHZZ 5910-00-809-4701      | 10599525-101    | 18876 | CAPACITOR, FIXED, ELECTROLYTIC 35 v, 6.8 UF (+- 10 0/0) HKN                                                                    | EA  | 2                |
| C                   | 1                  | 9           | PAHZZ 5910-00-154-0547      | M39003-01-3032  | 81349 | CAPACITOR, FIXED, ELECTROLYTIC 1 SEC, 35 V DC, 47 UF (+- 20 0/0) HKN                                                           | EA  | 1                |
|                     | 1                  | 11          | PAHZZ 5910-00-932-9459      | HC45001         | 37942 | CAPACITOR, FIXED, ELECTROLYTIC HKN                                                                                             | EA  | 1                |
|                     | 1                  | 13          | PAHZZ 5910-00-839-3940      | 10599525-5      | 18876 | CAPACITOR, FIXED, ELECTROLYTIC 35 V DC, 100,000 UUF (+- 20 0/0) HKN                                                            | EA  | 1                |
|                     | 1                  | 15          | PAHZZ 5910-00-067-8681      | CM15FD331G03    | 81349 | CAPACITOR, FIXED, MICA DIELECTRIC 500 V DC, 330 UUF, TYPE CM15FD101G03 HKN                                                     | EA  | 1                |
|                     | 1                  | 17          | PAHZZ 5910-00-717-0169      | CM15FD101G03    | 81349 | CAPACITOR, FIXED, MICA DIELECTRIC 500 V DC, 100 UUF, TYPE CM15FD471G03 HKN                                                     | EA  | 1                |
|                     | 1                  | 19          | PAHZZ 5910-00-762-2945      | CM15FD471G03    | 81349 | CAPACITOR, FIXED, MICA DIELECTRIC 500 V DC, 470 UUF, TYPE CM15FD471G03 HKN                                                     | EA  | 1                |
|                     | 1                  | 21          | PAHZZ 5910-00-932-9458      | 52CBIL503       | 98278 | CAPACITOR, FIXED, PAPER DIELECTRIC HKN                                                                                         | EA  | 1                |
|                     | 1                  | 23          | PAHZZ 5910-00-982-8313      | 250B1C473F      | 14752 | CAPACITOR, FIXED, PLASTIC DIELECTRIC HKN                                                                                       | EA  | 1                |
|                     | 1                  | 25          | PAHZZ 5935-00-850-8009      | 010-001907      | 26916 | CONNECTOR, PLUG, ELECTRICAL HKN                                                                                                | EA  | 1                |
|                     | 1                  | 27          | PAHZZ 5935-00-259-3604      | 8909353         | 18876 | CONNECTOR, PLUG, ELECTRICAL HKN                                                                                                | EA  | 1                |
|                     | 1                  | 29          | PAHZZ 5935-00-577-0011      | 11603593-1      | 19207 | CONNECTOR, RECEPTACLE, ELECTRICAL 24 MALE CONTACTS PLASTIC DIELECTRIC, POLARIZED, STGHT SHAPE, 0.600 W, 0.500 H, 2.175 LG HKN  | EA  | 1                |
| C                   | 1                  | 31          | PAHZZ                       | MS24055-1       | 96906 | CONNECTOR, RECEPTACLE, ELECTRICAL 9 FEMALE CONTACTS, PLASTIC DIELECTRIC, POLARIZED, STGHT SHAPE, 0.562 W, 0.53 H, 0.812 LG HKN | EA  | 1                |
|                     | 1                  | 33          | PAHZZ 5935-00-840-8391      | M10PLRN         | 81312 | CONNECTOR, RECEPTACLE HKN                                                                                                      | EA  | 1                |
|                     | 1                  | 35          | PAHZZ 5935-00-845-5143      | 160-5           | 02660 | CONNECTOR, RECEPTACLE ELECTRICAL HKN                                                                                           | EA  | 1                |
|                     | 1                  | 37          | PAHZZ 5960-00-578-8769      | 81A             | 80131 | ELECTRON TUBE HKN                                                                                                              | EA  | 1                |
|                     | 1                  | 39          | PAHZZ 5960-00-082-4139      | 5751            | 81349 | ELECTRON TUBE TYPE 5751 HKN                                                                                                    | EA  | 2                |
|                     | 1                  | 41          | PAHZZ 5960-00-179-3710      | 6AU6WC          | 81349 | ELECTRON TUBE TYPE 6AU6WC HKN                                                                                                  | EA  | 1                |
|                     | 1                  | 43          | PAHZZ 5960-00-262-0286      | 5651WA          | 81349 | ELECTRON TUBE ( R ) TYPE 5651WA HKN                                                                                            | EA  | 1                |
|                     | 1                  | 45          | PAHZZ 5960-00-503-4880      | 0A2WA           | 81349 | ELECTRON TUBE ( R ) TYPE 0A2WA HKN                                                                                             | EA  | 2                |
|                     | 1                  | 47          | PAHZZ 5960-00-729-6963      | 6U8A            | 81349 | ELECTRON TUBE TYPE 6U8A HKN                                                                                                    | EA  | 1                |
|                     | 1                  | 49          | PAHZZ 5960-00-785-4274      | 6528A           | 81349 | ELECTRON TUBE TYPE 6528A HKN                                                                                                   | EA  | 1                |
|                     | 1                  | 51          | PAHZZ 5915-00-878-1856      | 9401-000-007    | 72982 | FILTER, RADIO FREQUENCY HKN                                                                                                    | EA  | 2                |
|                     | 1                  | 53          | PAHZZ 5915-00-486-9168      | 2561010         | 10001 | FILTER, RADIO FREQUENCY HKN                                                                                                    | EA  | 1                |
|                     | 1                  | 55          | PAHZZ 5961-00-932-7083      | BR 830A         | 12060 | RECTIFIER, SEMICONDUCTOR HKN                                                                                                   | EA  | 1                |
|                     | 1                  | 57          | PAHZZ 5961-00-936-1798      | BR 24           | 12060 | RECTIFIER, SEMICONDUCTOR HKN                                                                                                   | EA  | 2                |
|                     | 1                  | 59          | PAHZZ 5905-00-938-1486      | RH506503F       | 91637 | RESISTOR HKN                                                                                                                   | EA  | 1                |