TECHNICAL MANUAL

# OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL

# SUPPORT MAINTENANCE MANUAL INCLUDING REPAIR PARTS

# AND SPECIAL TOOLS LISTS

(Including Depot Maintenance Repair Parts and Special Tools)

# MULTIPLEXER SET AN/FCC-18(V)

(NSN 5820-00-999-6296)

This copy is a reprint which includes current pages from Changes 1 through 3.

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# OPERATOR'S ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS) FOR

MULTIPLEXER SET AN/FCC-18(V)
(NSN 5820-00-999-6296)

*Current as of 29 September 1970.*


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## SECTION 61.1
## INTRODUCTION

**1. Scope.**

*a.* This manual contains a list of repair parts and special tools required for the performance of organizational maintenance and a list covering the corresponding requirements for direct support, general support, and depot maintenance of the AN/FCC-18(V).

*b.* There are seven separate volumes that provide organizational, direct support, general support and depot maintenance repair parts and special tools for the AN/FCC-18(V). These manuals are numbered TM 11-5805-368-14/2 through TM 11-5805-368-14-8.

*c.* Certain paragraphs in the introduction to this technical manual are applicable only to those RPSTL's issued prior to 1974. The paragraph text is then prefixed with the letter (A). If the paragraph is applicable only to those RPSTL's issued initially in 1974 the paragraph text is prefixed with the letter (B). No prefix indicates that the paragraph is applicable to all.

**2. Explanation of Sections.**

This repair parts and special tools list is divided into sections. Each section is divided as follows:

*a. Repair Parts for Organizational Maintenance*. (A) The organizational maintenance repair parts and special tools list lists the quantities of repair parts authorized for organizational maintenance and is the basis for requisitioning by organizations which are authorized the major item of equipment. End items of equipments are issued on the basis of allowances prescribed in equipment authorization tables and other documents that are a basis for requisitioning.

*b. Repair parts for Organizational Maintenance*. (B) The organizational maintenance repair parts and special tools list lists repair parts authorized for organizational maintenance and is the basis for requisitioning by organizations which are authorized the major item of equipment. End items of equipments are issued on the basis of allowances prescribed in equipment authorization tables and other documents that are a basis for requisitioning.

*c. Federal Manufacturing Code to Name Index*. This index contains the five-digit Federal supply code and the manufacturers name.

*d. Repair Parts for Direct Support, General Support, and Depot Maintenance*. (A) The direct and general support and depot maintenance repair parts and special tools list, lists the quantities of repair parts authorized for direct and general support maintenance and is a basis for requisitioning authorized parts. It is also a guide for depot maintenance in establishing initial levels of spare parts.

*e. Repair Parts for Direct Support, General Support, and Depot Maintenance*. (B) The direct and general support and depot maintenance repair parts and special tools list lists repair parts authorized for direct and general support maintenance and is a basis for requisitioning authorized parts. It is also a guide for depot maintenance in establishing initial levels of spare parts.

*f Numerical Parts Index*. (A) This index contains a list of manufacturers part numbers cross-referenced to item number and Federal stock number.

*g. Reference Designation Index.* (B) This index contains a list of reference designations cross-referenced to the page number on which they appear.

**3. Explanation of Columns.**

The following provides an explanation of columns in the tabular lists:

*a. Item Sequence Number*. (A) This column is for sequential line item control, commencing with the first line item in the first page of the list, and continuing numerically to the last item on the page of the list.

*b. For Authorized Allowances See Sequence Number*. (A) This column lists the numerical sequence number for items that have more than one occurrence throughout the list and refers to the first occurrence for authorized allowance.

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

(1) Source code, indicates the selection status and source for the listed item. Source codes used are:

| Code | Explanation |
|---|---|
| A | Applied to assemblies which are not procured or stocked as such but are made up of two or more units, each of which carry individual FSN's and descriptions and are procured or stocked and can be assembled at indicated maintenance categories. |
| M | Applied to repair parts which are not procured or stocked but are manufactured at indicated maintenance categories. |
| P | Applied to repair parts which are stocked in or supplied from the DSA/GSA, or Army supply |

## REPAIR PARTS FOR ORGANIZATIONAL MAINTENANCE

| ITEM SEQUENCE NUMBER | FOR AUTH ORIZED ALLOW ANCES SEE SEQ. NO. | MAINTA INABILITY AND RECO VERAB ILITY CODE | FEDERAL STOCK NUMBER | IND ENT CODE | DESCRIPTION | | UNIT OF ISSUE | EXPENDABILITY | QUANTITY IN USE | QUANTITY PER EQUIPMENT | ORGAN IZATION 15 DAY MAINT. ALLOW PER 100 EQUIP (0) | ILLUSTRATIONS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | FIGURE NUMBER | ITEM NUMBER | REFERENCE SYMBOL |
| Y241 | | A FR | 58050137085 | A | SELECTOR UNIT<br>5496607G5<br>92 KC, 1.390 x 6.940 x 14.190 IN. O/A DIM. | 08771 | EA | | | | | | | |
| Y265 | | P O | 62409444724 | C | LAMP, GLOW<br>38AS13-1535<br>WHT LENS, 110/125V, 0.328 DIA x 1.328 LG O/A | 72619 | EA | | 1 | 2 | 11.4 | | | I1 |
| Y362 | | P O | 53550535698 | D | KNOB<br>19C310135P1<br>PLSTC, 0.562 x 0.720 x 1.715 IN. O/A DIM. | 08771 | EA | | 1 | 1 | 1.5 | | | |

**DATE: 07-18-68**

## FEDERAL MANUFACTURING CODE TO NAME INDEX

## EQUIP NO. 5496607G5

| | |
|---|---|
| 01295 | TEXAS INSTRUMENTS INC<br>TRANSISTOR PRODUCTS DIVISION<br>DALLAS TEX |
| 03508 | GENERAL ELECTRIC CO SEMI-CONDUCTOR PRODUCTS DEPT<br>SYRACUSE N Y |
| 06001 | GENERAL ELECTRIC CO<br>CAPACITOR DEPT<br>PO BOX 158<br>IRMO S C |
| 08771 | GENERAL ELECTRIC CO COMMUNICATION PRODUCTS DEPT<br>LYNCHBURG VA |
| 13141 | UNITRODE TRANSISTOR PRODUCTS INC<br>CALABASAS CALIF |
| 46859 | PHILCO CORP<br>PHILADELPHIA PA |
| 56289 | SPRAGUE ELECTRIC CO<br>NORTH ADAMS MASS |
| 70892 | BEAD CHAIN MFG CO THE<br>64 MOUNTAIN GROVE ST<br>BRIDGEPORT CONN |
| 72136 | ELECTRO MOTIVE MFG CO INC<br>SOUTH PART + JOHN STREETS<br>WILLMANTIC, CONN |
| 72619 | DIALIGHT OORP<br>BROOKLYN N Y |
| 72962 | ELASTIC STOP NUT CORP OF AMERICA<br>2330 AUXHALL ROAD<br>UNION N J 07083 |
| 73293 | HUGHES AIRCRAFT CO HUGHES COMPONENTS<br>NEWPORT BEACH CALIF |
| 74970 | JOHNSON E F CO<br>297 TENTH AVE S W<br>WASECA MINN 56093 |
| 75915 | ITTLEFUSE INC<br>800 E NORTHWEST HWY<br>DES PLAINES ILL 60016 |
| 84411 | TRW<br>CAPACRITR DIV<br>OGALLALA NEBR |
| 90030 | UNITED SHOE MACHINERY CORP<br>BALCH ST<br>BEVERLY MASS |
| 95354 | METHODE MANUFACTURING CO<br>1700 SO HICKS<br>CHICAGO ILL |

| SEQ. NUMBER | FOR AUTH. ALLOW-ANCES SEE SEQ. NO. | SOURCE MAINT. & RECOVER-ABILITY CODE | FEDERAL STOCK NUMBER | INDENT CODE | DESCRIPTION | UNIT OF ISSUE | EX PENDA-BILITY | QTY. IN USE | QTY. PER EQUIP. | DIRECT SUPPORT | GENERAL SUPPORT | DEPOT | ILLUSTRATIONS | | | BASE DEPOT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FIGURE NUMBER | ITEM NUMBER | REFERENCE SYMBOL | |
| Y241 | | A FR | 58050137085 | A | SELECTOR UNIT 08771<br>5496607G5<br>92 KC, 1.390 x 6.940 x<br>14.190 IN. O/A DIM. | EA | | 1 | 1 | | | | | | | |
| Y242 | | P FR | 58050864774 | B | AMPLIFIER, SEL 08771<br>5496567G4<br>60-108 KC, 1.39 x 3.44 x<br>5.812 IN. O/A LOWER | EA | | 1 | 1 | 8.7 | 3.0 | 3.0 | | | | 46.2 |
| Y243 | | P H | 59108145869 | C | CAP, FXD, ELECT 56289<br>150D685X0035B2<br>6.8 UF, 20 PCT, 35 VDCW | EA | | 2 | 4 | | 1.5 | 12.0 | | | C7, C8 | 19.9 |
| Y244 | | P H | 59109449523 | C | CAP, FXD, ELECT 56289<br>150D156X9050R2<br>15 PF, 10 PCT, 50 VDCW | EA | | 1 | 2 | | 1.0 | 6.0 | | | C2 | 12.4 |
| Y245 | | P H | 59107548447 | C | CAP, FXD, PLSTC 84411<br>601PE15455W<br>0.15 UF, 5 PCT, 50 VDCW | EA | | | 1 | 2 | 1.0 | 6.0 | | | C4 | 12.4 |
| Y246 | | P H | 59109997571 | C | CAP, FXD, PLSTC 06001<br>65Fl6AB334<br>33000 PF, 20 PCT, 50<br>VDCW | EA | | 2 | 4 | | 1.5 | 12.0 | | | C10,C6 | 19.9 |
| Y247 | | P H | 59100824948 | C | CAP, FXD, PLSTC 84411<br>601PE5 5W<br>68000 PF, 5 PCT, 50 VDCW | EA | | 5 | 10 | | 2.7 | 30.0 | | | C11, C1, C3, C5, C9 | 38.9 |