

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND
SPECIAL TOOLS LISTS (INCLUDING DEPOT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS)
TEST SET, TRANSISTOR TS-1836/U
FSN 6625-893-2628.

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SECTION I
INTRODUCTION

1-1. Scope

This manual lists repair parts and special tools required for the performance of general support and depot maintenance of the TS-1836/U. The PCCN for the TS-1836/ U is GTEACF for all models.

NOTE

No parts authorized for stockage at direct support.

1-2. General

This repair parts list is divided into the following sections

a. Repair Parts List—Section II. A list of repair parts authorized for the performance of maintenance at the general support and depot level. This repair parts list is arranged in alphabetical order.

b. Special Tools, Test and Support Equipment—Section III. Not applicable.

c. Index-Federal Stock Number and Reference Number Cross-Reference to Figure and Item Number—Section IV. A list in ascending numerical sequence, of all Federal stock numbers appearing in the listings, followed by a list, in alphameric sequence, of all reference numbers appearing in the listings. Federal stock number and reference numbers are cross-referenced to each illustration figure and item number or reference designation appearance.

1-3. Explanation of Columns

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

a. Source, Maintenance, and Recoverability Codes (SMR).

(1) *Source code.* Indicates the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are—

| <i>Code</i> | <i>Explanation</i> |
|-------------|--|
| PA - | Item procured and stocked for anticipated or known usage. |
| PB - | Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply systems. |
| PC - | Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature. |

| <i>Code</i> | <i>Explanation</i> |
|-------------|---|
| PD - | Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or or fittings. Not subject to automatic replenishment. |
| PE - | Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities. |
| PF - | Support equipment which will not be stocked but which will be centrally procured on demand. |
| PC - | Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which because of probable discontinuance or shutdown or production facilities would prove uneconomical to reproduce at a later time. |
| KD - | An item of depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair. |
| KF - | An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or direct support or general support levels of maintenance. |
| KB - | Item included in both a depot overhaul/repair kit and a maintenance kit. |
| MO - | Item to be manufactured or fabricated at organizational level. |
| MF - | Item to be manufactured or fabricated at direct support maintenance level. |
| MH - | Item to be manufactured or fabricated at general support maintenance level. |
| MD - | Item to be manufactured or fabricated at depot maintenance level. |
| AO - | Item to be assembled at organizational level. |
| AF - | Item to be assembled at direct support maintenance level. |
| AH - | Item to be assembled at general support maintenance level. |
| AD - | Item to be assembled at depot maintenance level. |
| XA - | Item is not procured or stocked because requirements for the item will result in the replacement of the next higher assembly. |

| <i>Code</i> | <i>Explanation</i> |
|-------------|---|
| XB - | Item is not procured or stocked. If not available through salvage, requisition. |
| XC - | Installation drawing, diagram instruction sheet, field service drawing, that is identified by manufacturers' part number. |
| XD - | Support items can be requisitioned with justification. |

NOTE

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

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code Format as follows-

(a) *Use (third position).* The maintenance code entered in the third position indicates the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position indicates one of the following levels of maintenance.

| <i>Code</i> | <i>Application/Explanation</i> |
|-------------|---|
| O - | Support item is removed, replaced, used at the organizational level of maintenance. |

NOTE

A code "C" may be used in this position to denote crew or operator maintenance performed within organizational maintenance.

| | |
|-----|--|
| F - | Support item is removed, replaced, used at the direct support maintenance level. |
| H - | Support item is removed, replaced, used at the general support maintenance. |
| D - | Support items that are removed, replaced, used at depot only. |

(b) *Repair (fourth position).* The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). When a maintenance code is not used a dash (-) sign is entered. For multi-service equipment/systems or when a code is entered, this position will contain one of the following maintenance codes as assigned by the service(s) that require the code-

| <i>Code</i> | <i>Application/Explanation</i> |
|-------------|---|
| O - | The lowest maintenance level capable of complete repair of the support item is the organizational level. |
| F - | The lowest maintenance level capable of complete repair of the support item is direct support. |
| H - | The lowest maintenance level capable of complete repair of the support item is general support. |
| D - | The lowest maintenance level capable of complete repair of the support item is the depot level. |
| L - | Repair restricted to designated Specialized Repair Activity. |
| Z - | Non-repairable. No repair is authorized. |
| B - | No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item. |

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the uniform SMR Code Format as follows-

| <i>Code</i> | <i>Explanation</i> |
|-------------|--|
| Z - | Nonrepairable item. When unserviceable, condemn and dispose at the level indicated in the first digit of the maintenance code. |
| O - | Repairable item. When uneconomically repairable, condemn and dispose at organizational level. |
| F - | Repairable item. When uneconomically repairable, condemn and dispose at the direct support level. |
| H - | Repairable item. When uneconomically repairable, condemn and dispose at the general support level. |
| D - | Repairable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level. |
| L - | Repairable item. Repair, condemnation, and disposal not authorized below depot/Specialized Repair Activity level. |
| A - | Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content high dollar value, critical material or hazardous material). |

b. *Federal Stock Number.* Indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. Description. Indicates the Federal item name and a minor description required to identify the item. The last line indicates the reference number followed by the applicable Federal Supply Code for Manufacturer (FSCM) in parentheses. The FSCM is used as an element in item identification to designate manufacturer or distributor or Government agency, etc. and is identified in SB 708-42.

d. Unit of Measure (U/M). Indicates the standard or basic quantity by which the listed item is used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation; e.g., ea, in, pr, etc., and is the basis used to indicate quantities and allowances in subsequent columns. When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

e. Quantity Incorporated in Unit. This column indicates the quantity of the item used in the equipment. Subsequent appearances of the same item in the same assembly are indicated by the letters "REF"

f. 30-Day DS/GS Maintenance Allowances.

NOTE

Allowances in GS column are for GS maintenance only.

(1) The repair parts indicated by asterisk entries in separate allowance columns for GS represent those authorized for use at that category of maintenance to be requisitioned on an "as required" basis, until stockage is based on demand in accordance with AR 710-2.

(2) Allowance quantities are indicated in the special tool lists section for special tools, TMDE, and other support equipment.

g. 1-Year Allowance Per 100 Equipments/Contingency Planning Purposes. Column intentionally left blank.

h. Depot Maintenance Allowance Per 100 Equipment. This column indicates opposite the first appearance of each item the total quantity authorized for depot maintenance of 100 equipments.

i. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown in TM 11-6625-539-15.

(2) *Item number.* Indicates the item number or reference designation used to reference the item in the illustration.

1-4. Special Information

a. Usable on codes are included in column 3. Uncoded items are applicable to all models. Identification of the usable on codes used in this publication are—

| <i>Code</i> | <i>Used on</i> |
|-------------|----------------|
| AM 7 | TS-1836/V |

b. The following publications pertain to the TS-1836/U and its components:

| | |
|--------------------|---|
| TM 11-6625-539-15 | Operator, Organizational, Field and Depot Maintenance Manual: Transistor Test Set TS-1836/U |
| TM 11-6625-539-20P | Organizational Maintenance Repair Parts and Special Tools Lists: Test Set, Transistor TS-1836/U |

1-5. Location of Repair Parts

a. This manual contains one cross-reference index (sec IV) to be used to locate a repair part when either the Federal stock number or reference number (manufacturer's part number) is known. The first column in the index is prepared in numerical or alphanumeric sequence in ascending order. The reference numbers (manufacturer's part numbers) are listed immediately following the last listed Federal stock number in the index of Federal stock numbers.

b. When the Federal stock number or reference number is known, follow the procedures given in (1) and (2) below.

(1) Refer to the index of Federal stock numbers (see IV) and locate the Federal stock number or reference number. The FSN and reference number are cross-referenced to the applicable figure and item number or reference designation.

(2) Refer to the repair parts list (sec II) and locate the figure number (col 10a) and item number or reference designation (col 10b) as noted in the FSN index.

c. When the figure and item number or reference designation are known, scrutinize columns 10a and 10b of the repair parts list (sec II) until the item is located.

d. When the FSN, reference number, figure number, item number and reference designation are not known, scrutinize column 3 of the repair parts list (sec II), which is arranged in alphabetical order.

1-6 Abbreviations

Not applicable.

1-7. Reporting of Equipment Publication Improvements

The reporting of errors, omissions, and recommendations for improving this publication by the in-

dividual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commander, US Army Electronics Command, ATTN: AMSEL-MA-CRA, Fort Monmouth, NJ., 07703.

SECTION II
(1) (2)

(3)

TM11-6625-539-40P

| SMR CODE | FEDERAL STOCK NUMBER | DESCRIPTION REFERENCE NUMBER & MFR. CODE | USABLE ON CODE | UNIT OF MEAS | QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE | | | (7) 30-DAY GS MAINT ALLOWANCE | | | (8) 1-YR ALW PER EQUIP CNTGCV | (9) DEPOT MAINT ALW PER EQUIP | (10) ILLUSTRATION | |
|----------|----------------------|--|----------------|--------------|-----------------|-------------------------------|-----------|------------|-------------------------------|-----------|------------|-------------------------------|-------------------------------|-------------------|--------------|
| | | | | | | (A) 1-20 | (B) 21-50 | (C) 51-100 | (A) 1-20 | (B) 21-50 | (C) 51-100 | | | (A) FIGURE NO. | (B) ITEM NO. |
| PAHZZ | 6625-329-2640 | CASE, TEST SET NO-REF-DESIG SP12749-3 (94668) | | EA | 1 | | | | * | * | * | | 3 | | |
| PAHZZ | 5340-857-2351 | CATCH, LUGGAGE NO-REF-DESIG LOOP LOCKING TYPE 42N (21192) | | EA | 1 | | | | * | * | * | | 3 | | |
| PADZZ | 6625-329-2709 | CLIP ASSEMBLY NO-REF-DESIG 24 CLIPS ON. PRINTED CIRCUIT BOARD SP12951-4 (94668) | | EA | 1 | | | | | | | | 3 | | |
| PAHZZ | 5940-060-8996 | CLIP, ELCTRICAL NO-REF-DESIG ALLIGATOR STYLE 1/4 IN MAX JAW OPENING 33-342 (72653) | | EA | 3 | | | | * | * | * | | 3 | | |
| PAHZZ | 5940-829-2276 | CLIP, ELECTRICAL NO-REF-DESIG 0.250 IN. LG SP11261-2-1 (94668) | | EA | 2 | | | | * | * | * | | 3 | | |
| PAHZZ | 5940-086-6719 | CLIP, ELECTRICAL NO-REF-DESIG SP11982-2 (94668) | | EA | 3 | | | | * | * | * | | 3 | | |
| PAHZZ | 5340-857-2353 | CLIP, SPRING TENSION NO-REF-DESIG 0.400 IN LG 100-239 (99378) | | EA | 7 | | | | * | * | * | | 3 | | |
| PAHZZ | 5340-807-9609 | CLIP, SPRING TENSION NO-REF-DESIG 0.610 IN LG 100-200-9-13 (99378) | | EA | 3 | | | | * | * | * | | 3 | | |
| PAHZZ | 5340-889-3214 | CLIP, SPRING TENSION NO-REF-DESIG 11/16 IN LG SP11267-2-2 (94668) | | EA | 14 | | | | * | * | * | | 3 | | |
| PAHZZ | 5340-857-2356 | CLIP, SPRING TENSION NO-REF-DESIG 21/32 IN LG, 5/8 IN H O/A SP11260-2-1 (94668) | | EA | 2 | | | | * | * | * | | 3 | | |
| PAHZZ | 5340-857-2357 | CLIP SPRING TENSION NO-REF-DESIG 21/32 IN LG, 3/4 IN H O/A SP11260-2-2 (94668) | | EA | 4 | | | | * | * | * | | 3 | | |
| PAHZZ | 5999-857-6544 | CONTACT,ELECTRICAL NO-REF-DESIG 1 POINT SP11508-2 (94668) | | EA | 14 | | | | * | * | * | | 3 | | |
| PAHZZ | 5935-855-8350 | CONNECTOR, RECEPTACLE, ELECTRICAL J1 PT02A8-35 (06840) | | EA | 1 | | | | * | * | * | | 3 | 1-3 | J1 |
| PAHZZ | 5935-060-5682 | CONNECTOR, PLUG, ELECTRICAL PT06A8-3P (93427) | | EA | 2 | | | | * | * | * | | 3 | | W1 |
| PAHZZ | 5935-060-5682 | CONNECTOR,PLUG,ELECTRICAL 3 CONT PT06A8-3P (93427) | | EA | 2 | | | | * | * | * | | 3 | | W2 |
| PAHZZ | 6625-329-2617 | COVER, TEST SET NO-REF-DESIG SP12750-3 (94668) | | EA | 1 | | | | * | * | * | | 3 | | |
| PAHZZ | 5910-280-5913 | CAPACITOR, FIXED, CERAMIC DIELECTRIC C19 5000 MMF PORM 20% 500 VDCW ED005 (72982) | | EA | 1 | | | | * | * | * | | 3 | 1-3 | C19 |
| PADZZ | 5910-726-1413 | CAPACITOR, FIXED, ELECTROLYTIC C40 MF PORM 20% 15 VDCW SCM106BP01 (96214) | | EA | 8 | | | | | | | | 3 | 1-3 | C-4 |
| PADZZ | 5910-726-1413 | CAPACITOR, FIXED, ELECTROLYTIC C5 10 MF PORM 20% 15 VDCW SCM106BP01 (96214) | | EA | REF | | | | | | | | | 1-3 | C5 |
| PADZZ | 5910-726-1413 | CAPACITOR, FIXED, ELECTROLYTIC C6 10 CONTINUED | | EA | REF | | | | | | | | | 1-3 | C6 |

| SECTION II | | | TM11-6625-539-40P | | | | | | | | | | | |
|------------|---------------|---|-------------------|------|-----------------|-------|--------|-----------------|-------|--------|---------|---------|--------------|------|
| (1) | (2) | (3) | (4) | (5) | (6) | | | (7) | | | (8) | (9) | (10) | |
| SMR | FEDERAL | DESCRIPTION | UNIT | QTY | 30-DAY DS MAINT | | | 30-DAY GS MAINT | | | 1-YR | DEPOT | ILLUSTRATION | |
| CODE | STOCK | REFERENCE NUMBER & MFR. CODE | OF | INC | (A) | (B) | (C) | (A) | (B) | (C) | ALW PER | ALW PER | (A) | (B) |
| | NUMBER | USABLE ON CODE | MEAS | IN | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | EQUIP | 100 | FIGURE | ITEM |
| | | | | UNIT | | | | | | | CNTGCY | EQUIP | NO. | NO. |
| | | CONTINUED | | | | | | | | | | | | |
| PAHZZ | 5935-060-5682 | CONNECTOR, PLUG, ELECTRICAL SCM106BP01 (96214) | EA | 2 | | | | * | * | * | | 3 | | W1 |
| PADZZ | 5910-726-1413 | CAPACITOR, FIXED, ELECTROLYTIC C9 10 MF FORM 20% 15 VDCW SCM106BP01 (96214) | EA | REF | | | | | | | | | 1-3 | C9 |
| PADZZ | 5910-726-1413 | CAPACITOR, FIXED, ELECTROLYTIC C11 10 MF FORM 20% 15 VDCW SCM106BP01 (96214) | EA | REF | | | | | | | | | 1-3 | C11 |
| PADZZ | 5910-726-1413 | CAPACITOR, FIXED, ELECTROLYTIC C12 10 MF FORM 20% 15 VDCW SCM106BP01 (96214) | EA | REF | | | | | | | | | 1-3 | C12 |
| PADZZ | 5910-726-1413 | CAPACITOR, FIXED, ELECTROLYTIC C15 10 MF FORM 20% 15 VDCW CSM106BP01 (96214) | EA | REF | | | | | | | | | 1-3 | C15 |
| PADZZ | 5910-726-1413 | CAPACITOR, FIXED, ELECTROLYTIC C17 10 MF FORM 20% 15 VDCW SCM106BP01 (96214) | EA | REF | | | | | | | | | 1-3 | C17 |
| PADZZ | 5910-824-7740 | CAPACITOR, FIXED, ELECTROLYTIC C1 22 MF FORM 20% 15 VDCW SCM226BP01 (96214) | EA | 3 | | | | | | | | 3 | 1-3 | C1 |
| PADZZ | 5910-824-7740 | CAPACITOR, FIXED, ELECTROLYTIC C2 22 MF FORM 20% 15 VDCW SCM226BP01 (96214) | EA | REF | | | | | | | | | 1-3 | C2 |
| PADZZ | 5910-824-7740 | CAPACITOR, FIXED, ELECTROLYTIC C18 22 MF FORM 20% 15 VDCW SCM226BP01 (96214) | EA | REF | | | | | | | | | 1-3 | C18 |
| PADZZ | 5910-660-4729 | CAPACITOR, FIXED, ELECTROLYTIC C18 22 MF FORM 20% 15 VDCW SCM226BP01 (96214) | EA | REF | | | | | | | | | 1-3 | C18 |
| PADZZ | 5910-660-4729 | CAPACITOR, FIXED, PAPER DIELECTRIC C7 22000 MMF FORM 5% 1000 VDCW 196P2235152 (56289) | EA | 1 | | | | | | | | 3 | 1-3 | C7 |
| PADZZ | 5910-857-1896 | CAPACITOR, FIXED, PLASTIC C8 15 UF FORM 20% 100 VDCW G1F27AB164 (24446) | EA | 3 | | | | | | | | 3 | 1-3 | C8 |
| PADZZ | 5910-857-1896 | CAPACITOR, FIXED, PLASTIC C13 .15 UF FORM 20% 100 VDCW G1F27AB164 (24446) | EA | REF | | | | | | | | | 1-3 | C13 |
| PADZZ | 5910-857-1896 | CAPACITOR, FIXED, PLASTIC C16 .15 UF FORM 20% 100 VDCW G127AB164 (24446) | EA | REF | | | | | | | | | 1-3 | C16 |
| PADZZ | 2590-973-0060 | CAPACITOR, FIXED, PLASTIC DIELECTRIC C3 1 MFD FORM 2% 50 VDCW MC105H5AT (99217) | EA | 3 | | | | | | | | 3 | 1-3 | C3 |
| PADZZ | 2590-973-0060 | CAPACITOR, FIXED, PLASTIC DIELECTRIC C10 1 MFD FORM 2% 50 VDCW MC105H5AT (99217) | EA | REF | | | | | | | | | 1-3 | C10 |
| PADZZ | 2590-973-0060 | CAPACITOR, FIXED, PLASTIC DIELECTRIC C14 1 MFD FORM 2% 50 VDCW MC105H547 (99217) | EA | REF | | | | | | | | | 1-3 | C16 |
| PADZZ | 6625-329-2595 | DATA BOOK NO-REF-DESIG TEST TABLES AND. TRANSISTOR TEST OUTLINES 950100003 (94668) | EA | 1 | | | | * | * | * | | 3 | | |
| PAHZZ | 5340-059-7448 | HANDLE BOW NO-REF-DESIG 9015-4 (10454) | EA | 1 | | | | * | * | * | | 3 | | |

SECTION II
(1) (2)

(3)

TM11-6625-539-40P

| SMR CODE | FEDERAL STOCK NUMBER | DESCRIPTION REFERENCE NUMBER & MFR. CODE | USABLE ON CODE | UNIT OF MEAS | QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE | | | (7) 30-DAY GS MAINT ALLOWANCE | | | (8) 1-YR ALW PER 100 EQUIP CNTGCV | (9) DEPOT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
|-------------|----------------------------|--|----------------|--------------------|--------------------------|-------------------------------------|-----|-----|-------------------------------------|-----|-----|--|---|----------------------|------|
| | | | | | | (A) | (B) | (C) | (A) | (B) | (C) | (A) | (B) | | |
| PAOZZ | 5355-667-9099 | KNOB NO-REF-DESIG POINTER SHAPE 70-5-2G (99687) | | EA | 3 | | | | * | * | * | | 3 | | |
| PAOZZ | 5355-284-5514 | KNOB NO-REF-DESIG RD SHAPE 70-2-2G (99687) | | EA | 1 | | | | * | * | * | | 3 | | |
| PAOZZ | 6240-228-7130 | LAMP, INCANDESCENT DS1 1.3V, 0.06 AMP 331 (08108) | | EA | 1 | | | | * | * | * | | 50 | 1-3 | DS1 |
| PAHZZ | 6210-806-8845 | LAMPHOLDER L14005BAM (81640) | | EA | 1 | | | | * | * | * | | 5 | | XDS1 |
| PAHZZ | 6625-060-0467 | MULTIMETER, REPLACEMENT M1 SS12567-3 (94668) | | EA | 1 | | | | * | * | * | | 3 | 1-3 | M1 |
| PADZZ | 5950-815-3527 | REACTOR L2 5 MH IND SS10820-1 (94668) | | EA | 2 | | | | * | * | * | | 2 | 1-3 | L2 |
| PADZZ | 5950-815-3527 | REACTOR L3 5 MH IND SS10820-1 (94668) | | EA | REF | | | | | | | | | 1-3 | L3 |
| PADZZ | 5950-815-3528 | REACTOR L1 225 MH IND SS10821-1 (94668) | | EA | 1 | | | | | | | | 2 | 1-3 | L1 |
| PAHZZ | 5905-279-3833 | RESISTOR, FIXED, COMPOSITION R34 10 OHMS FORM 10% 1/2W RC20GF100K (81349) | | EA | 1 | | | | * | * | * | | 3 | 1-3 | R34 |
| PADZZ | 5905-252-5428 | RESISTOR, FIXED, COMPOSITION R26 68 OHMS FORM 10% 1/2W RC20GF680K (81349) | | EA | 1 | | | | | | | | 3 | 1-3 | R26 |
| PAHZZ | 5905-279-1894 | RESISTOR, FIXED, COMPOSITION R37 82 OHMS FORM 5% 1/2W RC20GF820J (81349) | | EA | 1 | | | | * | * | * | | 3 | 1-3 | R37 |
| PADZZ | 5905-186-3008 | RESISTOR, FIXED, COMPOSTION R4 100 OHMS FORM 10% 1/2W RC20GF101K (81349) | | EA | 1 | | | | | | | | 3 | 1-3 | R4 |
| PAHZZ | 5905-171-1997 | RESISTOR, FIXED, COMPOSITION R36 330 OHMS FORM 10% 1/2W RC20GF331K (81349) | | EA | 1 | | | | * | * | * | | 3 | 1-3 | R36 |
| PAHZZ | 5905-195-5546 | RESISTOR, FIXED, COMPOSITION R33 39 OHMS FORM 5% 1/2W RC20GF390J (81349) | | EA | 1 | | | | * | * | * | | 3 | 1-3 | R33 |
| PAHZZ | 5905-252-4018 | RESISTOR, FIXED, COMPOSITION R38 47 OHMS FORM 5% 1/2W RC20GF470J (81349) | | EA | 1 | | | | * | * | * | | 3 | 1-3 | R38 |
| PADZZ | 5905-195-6799 | RESISTOR, FIXED, COMPOSITION R23 560 OHM FORM 10% 1/2W RC20GF561K (81349) | | EA | 1 | | | | | | | | 3 | 1-3 | R23 |
| PADZZ | 5905-256-0387 | RESISTOR, FIXED, COMPOSTION R15 680 OHMS FORM 10% 1/2W RC20GF631K (81349) | | EA | 2 | | | | | | | | 3 | 1-3 | R15 |
| PADZZ | 5905-256-0387 | RESISTOR, FIXED, COMPOSITION R19 680 OHMS FORM 10% 1/2W RC20GF631K (81349) | | EA | REF | | | | | | | | | 1-3 | R19 |
| PADZZ | 5905-195-6817 | RESISTOR, FIXED, COMPOSITION R3 1000 OHMS FORM 10% 1/2W RC20GF120K (81349) | | EA | 1 | | | | | | | | 3 | 1-3 | R3 |
| PAHZZ | 5905-195-5514 | RESISTOR, FIXED, COMPOSITION R8 1500 OHMS FORM 10% 1/2W RC20GF152K (81349) | | EA | 2 | | | | * | * | * | | 3 | 1-3 | R8 |

SECTION II
(1) (2)

(3)

TM11-6625-539-40P

| SMR CODE | FEDERAL STOCK NUMBER | DESCRIPTION REFERENCE NUMBER & MFR. CODE | USABLE ON CODE | UNIT OF MEAS | QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE | | | (7) 30-DAY GS MAINT ALLOWANCE | | | (8) 1-YR ALW PER EQUIP CNTGCV | (9) DEPOT MAINT ALW PER EQUIP | (10) ILLUSTRATION | | |
|----------|----------------------|---|----------------|--------------|-----------------|-------------------------------|-----|-----|-------------------------------|-----|-----|-------------------------------|-------------------------------|-------------------|--------------|-----|
| | | | | | | (A) | (B) | (C) | (A) | (B) | (C) | | | (A) FIGURE NO. | (B) ITEM NO. | |
| PADZZ | 5905-195-5514 | RESISTOR, FIXED, COMPOSITION R11 1500 OHMS FORM 10% 1/2W RC20GF152K (81349) | | EA | REF | | | | | | | | | | 1-3 | R11 |
| PADZZ | 5905-195-6502 | RESISTOR, FIXED, COMPOSITION R5 3300 OHMS FORM 10% 1/2W RC20GF332K (81349) | | EA | 1 | | | | | | | | 3 | | 1-3 | R5 |
| PADZZ | 5905-195-6451 | RESISTOR, FIXED, COMPOSITION R2 4700 OHMS FORM 10% 1/2W RC20GF472K (81349) | | EA | 3 | | | | * | * | * | | 3 | | 1-3 | R2 |
| PADZZ | 5905-195-6451 | RESISTOR, FIXED, COMPOSITION R21 4700 OHMS FORM 10% 1/2W RC20GF472K (81349) | | EA | REF | | | | | | | | | | 1-3 | R21 |
| PAHZZ | 5905-195-6451 | RESISTOR, FIXED, COMPOSITION R39 4700 OHMS FORM 10% 1/2W RC20GF472K (81349) | | EA | REF | | | | * | * | * | | | | 1-3 | R39 |
| PADZZ | 5905-192-4408 | RESISTOR, FIXED, COMPOSITION R13 5600 OHMS FORM 10% 1/2W RC20GF562K (81349) | | EA | 3 | | | | | | | | 3 | | 1-3 | R13 |
| PADZZ | 5905-192-4408 | RESISTOR, FIXED, COMPOSITON R17 5600 OHMS FORM 10% 1/2W RC20GF562K (81349) | | EA | REF | | | | | | | | | | 1-3 | R17 |
| PADZZ | 5905-192-4408 | RESISTOR, FIXED, COMPOSITION R18 5600 OHMS FORM 10% 1/2W RC20GF562K (81349) | | EA | REF | | | | | | | | | | 1-3 | R18 |
| PADZZ | 5905-185-8518 | RESISTOR, FIXED, COMPOSITION R24 10000 OHM FORM 10% 1/2W RC20GF103K (81349) | | EA | 1 | | | | | | | | 3 | | 1-3 | R24 |
| PADZZ | 5905-190-8884 | RESISTOR, FIXED, COMPOSITION R6 12000 OHMS FORM 10% 1/2W RC20GF123K (81349) | | EA | 4 | | | | | | | | 3 | | 1-3 | R6 |
| PADZZ | 5905-190-8884 | RESISTOR, FIXED, COMPOSITION R7 12000 OHMS FORM 10% 1/2W RC20GF123K (81349) | | EA | REF | | | | | | | | | | 1-3 | R7 |
| PADZZ | 5905-190-8884 | RESISTOR, FIXED, COMPOSITION R9 12000 OHMS FORM 10% 1/2W RC20GF123K (81349) | | EA | REF | | | | | | | | | | 1-3 | R9 |
| PADZZ | 5905-190-8884 | RESISTOR, FIXED, COMPOSITION R10 12000 OHMS FORM 10% 1/2W RC20GF123K (81349) | | EA | REF | | | | | | | | | | 1-3 | R10 |
| PADZZ | 5905-279-1874 | RESISTOR, FIXED, COMPOSITION R1 18000 OHMS FORM 10% 1/2W RC20GF183K (81349) | | EA | 2 | | | | | | | | 3 | | 1-3 | R1 |
| PADZZ | 5905-279-1874 | RESISTOR, FIXED, COMPOSITION R20 18000 OHMS FORM 10% 1/2W RC20GF183K (81349) | | EA | REF | | | | | | | | | | 1-3 | R20 |
| PADZZ | 5905-295-3410 | RESISTOR, FIXED, COMPOSITION R12 470000 OHMS FORM 10% 1/2W RC20GF473K (81349) | | EA | 3 | | | | * | * | * | | 3 | | 1-3 | R12 |
| PADZZ | 5905-295-3410 | RESISTOR, FIXED, COMPOSITION R16 47000 OHMS FORM 10% 1/2W RC20GF473K (81349) | | EA | REF | | | | | | | | | | 1-3 | R16 |
| PAHZZ | 5905-295-3410 | RESISTOR, FIXED, COMPOSITION R35 47000 CONTINUED | | EA | REF | | | | * | * | * | | | | 1-3 | R35 |

| (1) | (2) | (3) | (4) | (5) | (6) | | | (7) | | | (8) | (9) | (10) | |
|-------|---------------|---|------|------|-----------------|-------|--------|-----------------|-------|--------|---------|-------|--------------|------|
| SMR | FEDERAL | DESCRIPTION | UNIT | QTY | 30-DAY DS MAINT | | | 30-DAY GS MAINT | | | 1-YR | DEPOT | ILLUSTRATION | |
| CODE | STOCK | REFERENCE NUMBER & MFR. CODE | OF | INC | (A) | (B) | (C) | (A) | (B) | (C) | ALW PER | MAINT | (A) | (B) |
| | NUMBER | USABLE ON CODE | MEAS | IN | 1-20 | 21-50 | 51-100 | 1-20 | 21-50 | 51-100 | EQUIP | 100 | FIGURE | ITEM |
| | | | | UNIT | | | | | | | CNTGCT | EQUIP | NO. | NO. |
| | | CONTINUED | | | | | | | | | | | | |
| PADZZ | 5905-190-8884 | RESISTOR, FIXED, COMPOSTION R10 12000 RC20GF473K (81349) | EA | REF | | | | | | | | | 1-3 | R10 |
| PAHZZ | 5905-655-3719 | RESISTOR, FIXED, WIRE WOUND R28 0.5 OHMS FORM 3% 3W RS2-0-5 (04387) | EA | 2 | | | | * | * | * | | 3 | 1-3 | R28 |
| PAHZZ | 5905-655-3719 | RESISTOR, FIXED, WIRE WOUND R32 0.5 OHMS FORM 3% 3W RS2-0-5 (04387) | EA | REF | | | | * | * | * | | | 1-3 | R32 |
| PAHZZ | 5905-857-3704 | RESISTOR, FIXED, WIRE WOUND R31 1.5 OHMS FORM 1% 3W RS2-1-5 (04387) | EA | 1 | | | | * | * | * | | 3 | 1-3 | R31 |
| PAHZZ | 5905-655-3720 | RESISTOR, FIXED, WIRE WOUND R30 5 OHMS FORM 1% 3W RS2-5 (04387) | EA | 1 | | | | * | * | * | | 3 | 1-3 | R30 |
| PAHZZ | 5905-655-1662 | RESISTOR, FIXED, WIRE WOUND R29 15 OHMS FORM 1% 3W RS2-15 (04387) | EA | 1 | | | | * | * | * | | 3 | 1-3 | R29 |
| PAHZZ | 5905-857-3724 | RESISTOR, VARIABLE R27 2500 OHMS FORM 30% 1/2W VAN5 (11237) | EA | 1 | | | | * | * | * | | 3 | 1-3 | R27 |
| PADZZ | 5905-192-7347 | RESISTOR, VARIABLE R14 5000 OHMS FORM 10% 2W CLU5021 (44655) | EA | 1 | | | | | | | | 3 | 1-3 | R14 |
| PADZZ | 5960-296-3360 | SEMICONDUCTOR DEVICE, DOIDE CR1 1N191 (81349) | EA | 1 | | | | | | | | 3 | 1-3 | CR1 |
| PAHZZ | 5961-755-3771 | SOCKET, SEMICONDUCTOR DEVICE XQ1 3301 (91662) | EA | 1 | | | | * | * | * | | 3 | 1-3 | XQ1 |
| PAHZZ | 5930-660-5181 | SWITCH, PUSH S6 BUTTON TYPE NF4005 (82389) | EA | 1 | | | | * | * | * | | 5 | 1-3 | S6 |
| PAHZZ | 5930-873-2630 | SWITCH ROTARY S1A,B,C SINGLE UNIT SS13460-2 (94668) | EA | 1 | | | | * | * | * | | 5 | 1-3 | S1 |
| PAHZZ | 5930-873-2631 | SWITCH, ROTARY S2 SS13461-2 (94668) | EA | 1 | | | | * | * | * | | 5 | 1-3 | S2 |
| PAHZZ | 5930-873-2632 | SWITCH, ROTARY S5A,B,C SINGLE UNIT SS13462-2 (94668) | EA | 1 | | | | * | * | * | | 5 | 1-3 | S5 |
| PAHZZ | 5930-655-1582 | SWITCH, TOGGLE S3 MS35059-23 (81349) | EA | 1 | | | | * | * | * | | 5 | 1-3 | S-3 |
| PAHZZ | 5930-615-7880 | SWITCH, TOGGLE S4 MS35059-26 (81349) | EA | 1 | | | | * | * | * | | 5 | 1-3 | S4 |
| PADZZ | 5950-856-3120 | TRANSFORMER, AUDIO FREQUENCY T1 SS12688-1 (11419) | EA | 1 | | | | | | | | 3 | 1-3 | T1 |
| PADZZ | 5950-892-8040 | TRANSFORMER, AUDIO FREQUENCY T2 500 OHMS CTR TAPPED PRI 500 CTR TAPPED SECONDARY AR62 (07599) | EA | 1 | | | | | | | | 3 | 1-3 | T2 |
| PADZZ | 5961-682-9178 | TRANSISTOR Q1 2N404 (01295) | EA | 4 | | | | | | | | 3 | 1-3 | Q1 |
| PADZZ | 5961-682-9178 | TRANSISTOR Q4 2N404 (01295) | EA | REF | | | | | | | | | 1-3 | Q4 |
| PADZZ | 5961-682-9178 | TRANSISTOR Q5 2N404 (01295) | EA | REF | | | | | | | | | 1-3 | Q5 |

SECTION II
 (1) (2)

TM11-6625-539-40P
 (4) (5)

| SMR CODE | FEDERAL STOCK NUMBER | DESCRIPTION REFERENCE NUMBER & MFR. CODE | USABLE ON CODE | UNIT OF MEAS | QTY INC IN UNIT | (6) 30-DAY DS MAINT ALLOWANCE | | | (7) 30-DAY GS MAINT ALLOWANCE | | | (8) 1-YR ALW PER 100 EQUIP CNTGCY | (9) DEPOT MAINT ALW PER 100 EQUIP | (10) ILLUSTRATION | |
|-------------|----------------------------|---|----------------|--------------------|--------------------------|-------------------------------------|-----|-----|-------------------------------------|-----|-----|--|--|----------------------|-------------|
| | | | | | | (A) | (B) | (C) | (A) | (B) | (C) | (A) | (B) | FIGURE NO. | ITEM NO. |
| PADZZ | 5961-682-9178 | TRANSISTOR Q6 2N404 (01295) | | EA | REF | | | | | | | | | 1-3 | Q6 |
| PADZZ | 5961-681-9760 | TRANSISTOR Q2 2N527 (80131) | | EA | 3 | | | | | | | 3 | | 1-3 | Q2 |
| PADZZ | 5961-681-9760 | TRANSISTOR Q3 2N527 (80131) | | EA | REF | | | | | | | | | 1-3 | Q3 |
| PADZZ | 5961-681-9760 | TRANSISTOR Q7 2N527 (80131) | | EA | REF | | | | | | | | | 1-3 | Q7 |

| STOCK NUMBER | FIGURE NO. | ITEM NO. | STOCK NUMBER | FIGURE NO. | ITEM NO. |
|---------------|------------|----------|---------------|------------|----------|
| 2590-973-0060 | 1-3 | C3 | 5910-660-4729 | 1-3 | |
| 2590-973-0060 | 1-3 | C10 | 5910-726-1413 | 1-3 | |
| 2590-973-0060 | 1-3 | C14 | 5910-726-1413 | 1-3 | |
| 5340-059-7448 | | | 5910-726-1413 | 1-3 | C6 |
| 5340-807-9609 | | | 5910-726-1413 | 1-3 | C9 |
| 5340-857-2351 | | | 5910-726-1413 | 1-3 | C11 |
| 5340-857-2353 | | | 5910-726-1413 | 1-3 | C12 |
| 5340-857-2356 | | | 5910-726-1413 | 1-3 | C15 |
| 5340-857-2357 | | | 5910-726-1413 | 1-3 | C17 |
| 5340-889-3214 | | | 5910-824-7740 | 1-3 | C1 |
| 5355-284-5514 | | | 5910-824-7740 | C-3 | C2 |
| 5355-667-9099 | | | 5910-824-7740 | 1-3 | C18 |
| 5905-171-1997 | 1-3 | R36 | 5910-857-1896 | 1-3 | C8 |
| 5905-185-8518 | 1-3 | R24 | 5910-857-1896 | 1-3 | C13 |
| 5905-186-3008 | 1-3 | R4 | 5910-857-1896 | 1-3 | C16 |
| 5905-190-8884 | 1-3 | R6 | 5930-615-7880 | 1-3 | S4 |
| 5905-190-8884 | 1-3 | R7 | 5930-655-1582 | 1-3 | S3 |
| 5905-190-8884 | 1-3 | R9 | 5930-660-5181 | 1-3 | S6 |
| 5905-190-8884 | 1-3 | R10 | 5930-873-2630 | 1-3 | S1 |
| 5905-192-4408 | 1-3 | R13 | 5930-873-2631 | 1-3 | S2 |
| 5905-192-4408 | 1-3 | R17 | 5930-873-2632 | 1-3 | S5 |
| 5905-192-4408 | 1-3 | R18 | 5935-060-5682 | | W1 |
| 5905-192-7347 | 1-3 | R14 | 5935-060-5682 | | W2 |
| 5905-195-5514 | 1-3 | R8 | 5935-855-8350 | 1-3 | J1 |
| 5905-195-5514 | 1-3 | R11 | 5940-060-8996 | | |
| 5905-195-5546 | 1-3 | R33 | 5940-086-6719 | | |
| 5905-195-6451 | 1-3 | R2 | 5940-829-2276 | | |
| 5905-195-6451 | 1-3 | R21 | 5950-815-3527 | 1-3 | L2 |
| 5905-195-6451 | 1-3 | R39 | 5950-815-3527 | 1-3 | L3 |
| 5905-195-6502 | 1-3 | R5 | 5950-815-3528 | 1-3 | L1 |
| 5905-195-6799 | 1-3 | R23 | 5950-856-3120 | 1-3 | T1 |
| 5905-195-6817 | 1-3 | R3 | 5950-892-8040 | 1-3 | T2 |
| 5905-252-4018 | 1-3 | R38 | 5960-296-3360 | 1-3 | CR1 |
| 5905-252-5428 | 1-3 | R26 | 5961-681-9760 | 1-3 | Q2 |
| 5905-256-0387 | 1-3 | R15 | 5961-681-9760 | 1-3 | Q3 |
| 5905-256-0387 | 1-3 | R19 | 5961-681-9760 | 1-3 | Q7 |
| 5905-279-1874 | 1-3 | R1 | 5961-682-9178 | 1-3 | Q1 |
| 5905-279-1874 | 1-3 | R20 | 5961-682-9178 | 1-3 | Q4 |
| 5905-279-1894 | 1-3 | R37 | 5961-682-9178 | 1-3 | |
| 5905-279-3833 | 1-3 | R34 | 5961-682-9178 | 1-3 | |
| 5905-295-3410 | 1-3 | R12 | 5961-755-3771 | 1-3 | |
| 5905-295-3410 | 1-3 | R16 | 5999-857-6544 | | |
| 5905-295-3410 | 1-3 | R35 | 6210-806-8845 | | XDS1 |
| 5905-655-1662 | 1-3 | R29 | 6240-228-7130 | 1-3 | DS1 |
| 5905-655-3719 | 1-3 | R28 | 6625-060-0467 | 1-3 | M1 |
| 5905-655-3719 | 1-3 | R32 | 6625-329-2595 | | |
| 5905-655-3720 | 1-3 | R30 | 6625-329-2617 | | |
| 5905-857-3704 | 1-3 | R31 | 6625-329-2640 | | |
| 5905-857-3724 | 1-3 | R27 | 6625-329-2709 | | |
| 5910-280-5913 | 1-3 | C19 | | | |

| REFERENCE NO. | MFR CODE | FIG. NO. | ITEM NO. | REFERENCE NO. | MFR CODE | FIG. NO. | ITEM NO. |
|---------------|----------|----------|----------|---------------|----------|----------|----------|
| AR62 | 07599 | 1-3 | T2 | TC20GF123K | 81349 | 1-3 | R7 |
| CLU5021 | 44655 | 1-3 | R14 | RC20GF123K | 81349 | 1-3 | R9 |
| ED005 | 72982 | 1-3 | C19 | R20GF123K | 81349 | 1-3 | R10 |
| G1F27AB164 | 24446 | 1-3 | C8 | RC20GF152K | 81349 | 1-3 | R8 |
| G1F27AB164 | 24446 | 1-3 | C13 | RC20GF152K | 81349 | 1-3 | R11 |
| G1F27AB164 | 24446 | 1-3 | C16 | RC20GF183K | 81349 | 1-3 | R1 |
| L14005BAM | 81640 | | XDS1 | RC20GF183K | 81349 | 1-3 | R20 |
| MC105H5AT | 99217 | 1-3 | C3 | RC20GF331K | 81349 | 1-3 | R36 |
| MC105H5AT | 99217 | 1-3 | C10 | RC20GF332K | 81349 | 1-3 | R5 |
| MC105H5AT | 99217 | 1-3 | C14 | RC20GF390J | 81349 | 1-3 | R33 |
| MS35059-23 | 81349 | 1-3 | S3 | RC20GF470J | 81349 | 1-3 | R38 |
| MS35059-26 | 81349 | 1-3 | S4 | RC20GF472K | 81349 | 1-3 | R2 |
| NF4005 | 82389 | 1-3 | S6 | RC20GF472K | 81349 | 1-3 | R21 |
| PT02A8-35 | 06840 | 1-3 | J1 | RC20GF472K | 81349 | 1-3 | R39 |
| PT06A8-3P | 93427 | | W1 | RC20GF473K | 81349 | 1-3 | R12 |
| PT06A8-3P | 93427 | | W2 | RC20GF473K | 81349 | 1-3 | R16 |
| RC20GF100K | 81349 | 1-3 | P34 | RC20GF473K | 81349 | 1-3 | R35 |
| RC20GF101K | 81349 | 1-3 | R4 | RC20GF561K | 81349 | 1-3 | R23 |
| RC20GF102K | 81349 | 1-3 | R3 | RC20GF562K | 81349 | 1-3 | R13 |
| RC20GF103K | 81349 | 1-3 | R24 | RC20GF562K | 81349 | 1-3 | R17 |
| RC20GF123K | 81349 | 1-3 | R6 | RC20GF562K | 81349 | 1-3 | R17 |

| REFERENCE NO. | MFR CODE | FIG. NO. | ITEM NO. | REFERENCE NO. | MFR CODE | FIG. NO. | ITEM NO. |
|---------------|----------|----------|----------|---------------|----------|----------|----------|
| 81349 | | 1-3 | R15 | SS10820-1 | 94668 | 1-3 | L2 |
| RC20GF631K | 81349 | 1-3 | R19 | SS10820-1 | 94668 | 1-3 | L3 |
| RC20GF680K | 81349 | 1-3 | R26 | SS10821-1 | 94668 | 1-3 | L1 |
| RC20GF820J | 81349 | 1-3 | R37 | SS12567-3 | 94668 | 1-3 | M1 |
| RS2-0-5 | 04387 | 1-3 | R28 | SS12688-1 | 11419 | 1-3 | T1 |
| RS2-0-5 | 04387 | 1-3 | R32 | SS13460-2 | 94668 | 1-3 | S1 |
| RS2-1-5 | 04387 | 1-3 | R31 | SS13461-2 | 94668 | 1-3 | S2 |
| RS2-15 | 04387 | 1-3 | R29 | SS13462-2 | 94668 | 1-3 | S5 |
| RS2-5 | 04387 | 1-3 | R30 | VAN5 | 11237 | 1-3 | R27 |
| SCM106BP01 | 96214 | 1-3 | C4 | 1N191 | 81349 | 1-3 | CR1 |
| SCM06BP01 | 96214 | 1-3 | C5 | 100-200-9-13 | 99378 | | |
| SCM106BP01 | 96214 | 1-3 | C6 | 100-239 | 99378 | | |
| SCM106BP01 | 96214 | 1-3 | C9 | 196P2235152 | 56289 | 1-3 | C7 |
| SCM106BP01 | 96214 | 1-3 | C11 | 2N404 | 01295 | 1-3 | Q1 |
| SCM06BP01 | 96214 | 1-3 | C12 | 2N404 | 01295 | 1-3 | Q4 |
| SCM106BP01 | 96214 | 1-3 | C15 | 2N404 | 01295 | 1-3 | Q5 |
| SCM106BP01 | 96214 | 1-3 | C17 | 2N404 | 01295 | 1-3 | Q6 |
| SCM226BP01 | 96214 | 1-3 | C1 | 2N527 | 80131 | 1-3 | Q2 |
| SCM226BP01 | 96214 | 1-3 | C2 | 2N52 | 80131 | 1-3 | Q3 |
| SCM226BP01 | 96214 | 1-3 | C18 | 2N527 | 80131 | 1-3 | Q7 |
| SP11260-2-1 | 94668 | | | 33-342 | 72653 | | |
| SP11260-2-2 | 94668 | | | 3301 | 91662 | 1-3 | XQ1 |
| SP11261-2-1 | 94668 | | | 331 | 08108 | 1-3 | DS1 |
| SP11267-2-2 | 94668 | | | 42N | 21192 | | |
| SP11508-2 | 94668 | | | 70-2-2G | 99687 | | |
| SP11982-2 | 94668 | | | 70-5-2G | 99687 | | |
| SP12749-3 | 94668 | | | 9015-4 | 10454 | | |
| SP12750-3 | 94668 | | | 950100003 | 94668 | | |
| SP12951-4 | 94668 | | | | | | |

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WSMR(2)
Ft Carson (10)
Army Dep (1) except
LBAD(14)
SAAD(30)
TOAD(14)
LEAD(7)
ATAD(10)
Gen Dep (2)
Sig Sec Gen Dep (2)
Sig Dep (5)
Sig FLDMS (1)
USAERDAA (1)
USAERDAW (1)
MAAG(1)
USARMIS(1)
Ft Richardson (ECOM Ofc) (2)
WRAMC(1)
Units org under fol TOE:
(1 cy each)
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29-134
29-136

NG: State AG (3)

USA R: None

For explanation of abbreviations used, see AR 310-50.

★ U.S. GOVERNMENT PRINTING OFFICE : 1984 O - 421-302 (1137)

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THE METRIC SYSTEM AND EQUIVALENTS

WEIGHT MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches
 1 Kilometer = 1000 Meters = 0.621 Miles

WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces
 1 Kilogram = 1000 Grams = 2.2 lb.
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet
 1 Sq. Kilometer = 1,000,000 Sq. Meters = 0.386 Sq. Miles

CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

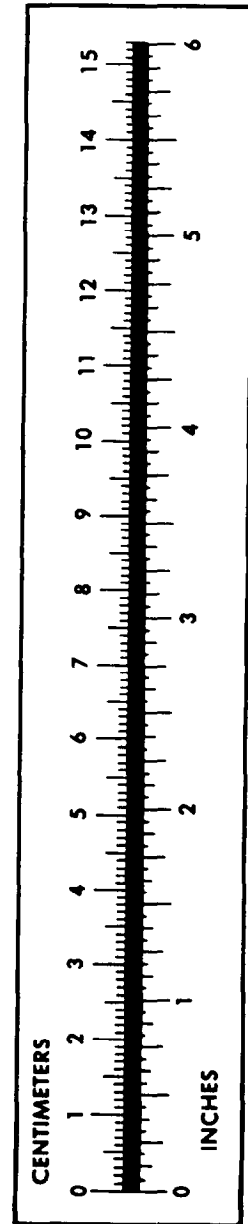
TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$
 212° Fahrenheit is equivalent to 100° Celsius
 90° Fahrenheit is equivalent to 32.2° Celsius
 32° Fahrenheit is equivalent to 0° Celsius
 $9/5^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

APPROXIMATE CONVERSION FACTORS

| TO CHANGE | TO | MULTIPLY BY |
|------------------------|----------------------|-------------|
| Inches | Centimeters | 2.540 |
| Feet | Meters | 0.305 |
| Yards | Meters | 0.914 |
| Miles | Kilometers | 1.609 |
| Square Inches | Square Centimeters | 6.451 |
| Square Feet | Square Meters | 0.093 |
| Square Yards | Square Meters | 0.836 |
| Square Miles | Square Kilometers | 2.590 |
| Acres | Square Hectometers | 0.405 |
| Cubic Feet | Cubic Meters | 0.028 |
| Cubic Yards | Cubic Meters | 0.765 |
| Fluid Ounces | Milliliters | 29.573 |
| its | Liters | 0.473 |
| arts | Liters | 0.946 |
| allons | Liters | 3.785 |
| Ounces | Grams | 28.349 |
| Pounds | Kilograms | 0.454 |
| Short Tons | Metric Tons | 0.907 |
| Pound-Feet | Newton-Meters | 1.356 |
| Pounds per Square Inch | Kilopascals | 6.895 |
| Miles per Gallon | Kilometers per Liter | 0.425 |
| Miles per Hour | Kilometers per Hour | 1.609 |

| TO CHANGE | TO | MULTIPLY BY |
|--------------------|------------------------|-------------|
| Centimeters | Inches | 0.394 |
| Meters | Feet | 3.280 |
| Meters | Yards | 1.094 |
| Kilometers | Miles | 0.621 |
| Square Centimeters | Square Inches | 0.155 |
| Square Meters | Square Feet | 10.764 |
| Square Meters | Square Yards | 1.196 |
| Square Kilometers | Square Miles | 0.386 |
| Square Hectometers | Acres | 2.471 |
| Cubic Meters | Cubic Feet | 35.315 |
| Cubic Meters | Cubic Yards | 1.308 |
| Milliliters | Fluid Ounces | 0.034 |
| Liters | Pints | 2.113 |
| Liters | Quarts | 1.057 |
| ers | Gallons | 0.264 |
| ms | Ounces | 0.035 |
| ograms | Pounds | 2.205 |
| Metric Tons | Short Tons | 1.102 |
| Newton-Meters | Pounds-Feet | 0.738 |
| Kilopascals | Pounds per Square Inch | 0.145 |
| ometers per Liter | Miles per Gallon | 2.354 |
| ometers per Hour | Miles per Hour | 0.621 |



PIN: 017258-000