

TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT,

AND GENERAL SUPPORT

MAINTENANCE REPAIR PARTS

AND SPECIAL TOOLS LIST

(INCLUDING DEPOT MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS)

F O R

TEST SET, TRANSISTOR TS-1836C / U

(NSN 6625-00-159-2263)

HEADQUARTERS, DEPARTMENT OF THE ARMY

30 August 1976

Technical Manual
NO. 11-6625-539-24P-3

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 30 August 1976

**ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)
FOR
TEST SET, TRANSISTOR TS-1836C/U**

(NSN 6625-00-159-2263)

Current as of 23 April 1976

REPORTING OF ERRORS

You can improve this manual by recommending improvements using DA Form 2028-2 (Test) located in the back of the manual. Simply tear out the self-addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.

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*This manual supersedes so much of TM 11-6625-539-14-3, 7 April 1972, as pertains to repair parts and special tools list.

SECTION I

INTRODUCTION

1. Scope

This manual lists repair parts and special tools required for performance of organizational and general support maintenance of the TS. 1836C/U.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. *Section II. Repair Parts List.* A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence.

b. *Section III. Special Tools List.* Not applicable.

c. *Section IV. National Stock Number and Part Number Index.* A list, in ascending National item identification number (NIIN, last 9 digits) sequence, of all National stock numbers appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock number and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

The following provides an explanation of columns found in the tabular listings:

a. *Illustration.* This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration in which the item is shown.

(2) *Item number.* The number used to identify each item called out in the illustration.

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

(1) *Source code.* Source codes are assigned to support items to indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

| Code | Definition |
|------|--|
| PA | Item procured and stocked for anticipated or known usage. |
| XD | A support item that is not stocked. When required, item will be procured through normal supply channels. |

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA, XD, and aircraft support items as restricted by AR 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) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code *Application/Explanation*
 O- Support item is removed, replaced, used at the organizational level.

H -Support item is removed, replaced, used at the general support level.

(b) 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). This position contains the following maintenance code:

Code *Application/Explanation*
 Z- Nonreparable. No repair is authorized.

(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>Recoverability Codes</i> | <i>Definition</i> |
|-----------------------------|---|
| Z-Nonreparable item. | When unserviceable, condemn and dispose at the level indicated in position 3. |

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

d. *Part Number.* Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection

requirements, to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.). 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.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

4. Special Information

The following publication pertains to the TS-1836 C/U and its components:
TM 11-6625-539-14-3, Test Set, Transistor TS. 1836C/U

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the repair part belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the repair part belongs.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National stock number or part number is known.

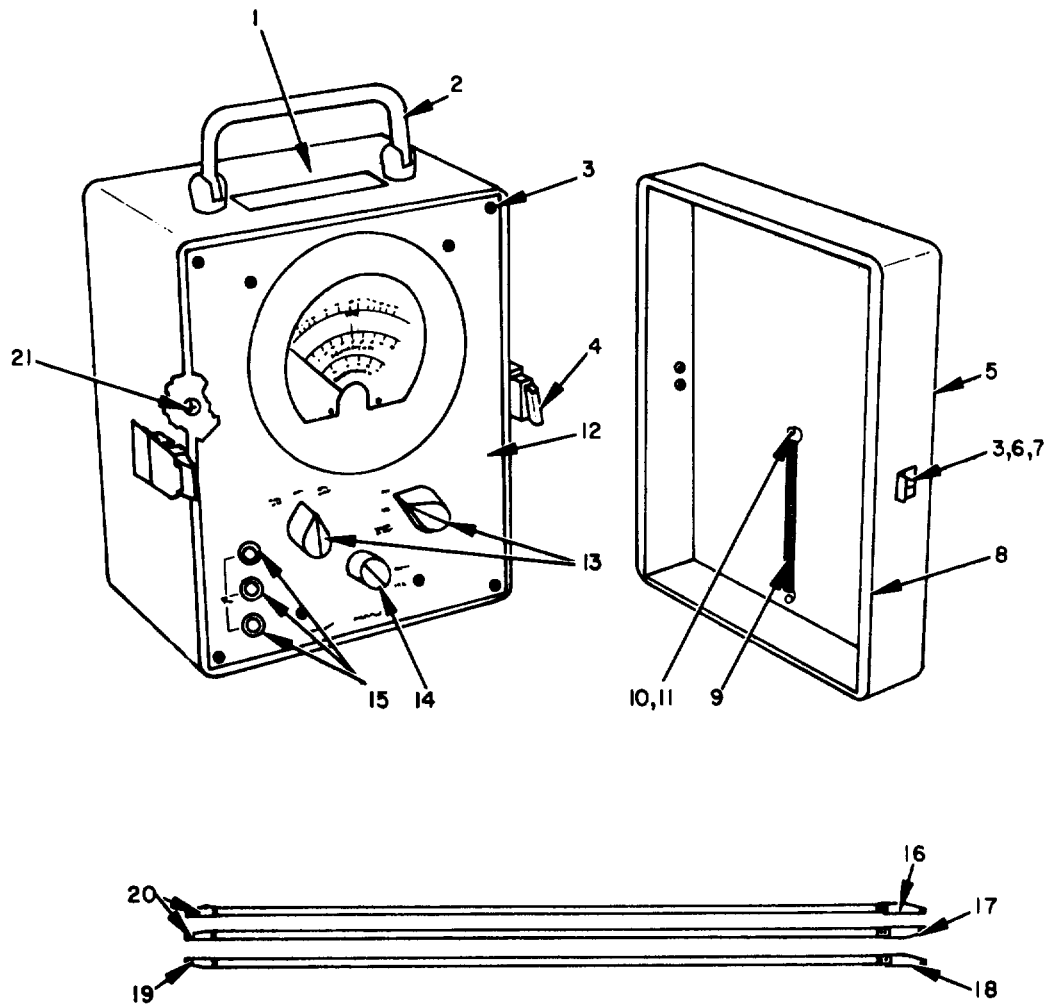
(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in ascending NHN sequence followed by a list of part numbers in ascending alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations

Not applicable.

(Next printed page is 4)



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Figure 1. Test Set, Transistor TS-1836 C/U.

| (1) ILLUSTRATION (A) FIG NO. | (2) (B) ITEM NO. | (3) SMR CODE | (4) NATIONAL STOCK NUMBER | (5) PART NUMBER | (6) FSCM DESCRIPTION | (7) USABLE ON COIU/M | (8) QTY INC IN UNIT |
|--|---------------------------|--------------------|------------------------------------|-----------------------|-----------------------------|-------------------------|---------------------------------|
| GROUP 00 TEST SET, TRANSISTOR | | | | | | | |
| TS-1836C/U | | | | | | | |
| 1 | 1 | XDHZZ | | C45083 | 34639 HOUSING | EA | 1 |
| 1 | 2 | XDHZZ | | 12175B3724-4 | 06540 HANDLE ASSEMBLY | EA | 1 |
| 1 | 3 | PAHZZ | 5305-00-984-4988 | MS35206-228 | 96906 SCREW, MACHINE | EA | 12 |
| 1 | 4 | XDHZZ | | SCB8331142202 | 98083 LATCH ASSEMBLY | EA | 2 |
| 1 | 5 | XDHZZ | | C45084 | 34639 COVER | EA | 1 |
| 1 | 6 | PAHZZ | 5310-00-167-0816 | AN960-6 | 88044 WASHER, FLAT | EA | 8 |
| 1 | 7 | PAHZZ | 5310-00-176-8133 | AN340-6 | 88044 NUT, PLAIN, HEXAGON | EA | 8 |
| 1 | 8 | XDHZZ | | X864 | 70485 GASKET | EA | 1 |
| 1 | 9 | PAHZZ | 5360-00-763-2801 | A62003 | 34639 SPRING, LEAD RETAINER | EA | 1 |
| 1 | 10 | PAHZZ | 5305-00-889-3116 | MS35206-213 | 96906 SCREW, MACHINE | EA | 1 |
| 1 | 11 | PAHZZ | 5310-00-167-0815 | AN960-4 | 88044 WASHER, FLAT | EA | 2 |
| 1 | 12 | XDHZZ | | C45046 | 34639 PANEL FRONT | EA | 1 |
| 1 | 13 | PAOZZ | 5355-00-556-0145 | MS91528-1K2B | 96906 KNOB | EA | 2 |
| 1 | 14 | PAOZZ | 5355-00-543-0789 | MS91528-1N2B | 96906 KNOB | EA | 1 |
| 1 | 15 | PAHZZ | 5365-00-763-2842 | 650004-7202 | 91662 RING, MOUNTING | EA | 3 |
| 1 | 16 | PAHZZ | 5935-00-894-2404 | 108-302 | 74970 PLUG | EA | 1 |
| 1 | 17 | PAHZZ | 5935-00-833-4589 | 108-303 | 74970 PLUG | EA | 1 |
| 1 | 18 | PAHZZ | 5935-00-843-2747 | 108-307 | 74970 PLUG | EA | 1 |
| 1 | 19 | PAHZZ | 5999-00-857-4914 | 34 | 76545 CLIP, ELECTRICAL | EA | 1 |
| 1 | 20 | PAHZZ | 5975-00-763-4442 | 36 | 76545 CLIP, ELECTRICAL | EA | 2 |
| 1 | 21 | XDHZZ | | 776 | 83330 CLAMP, CABLE | EA | 1 |

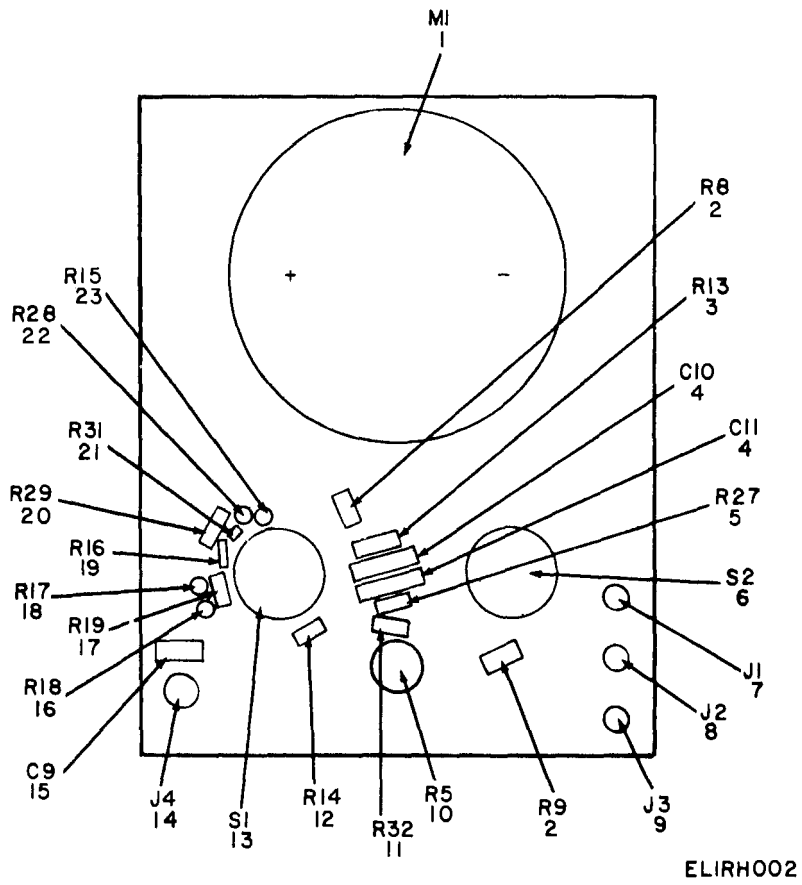
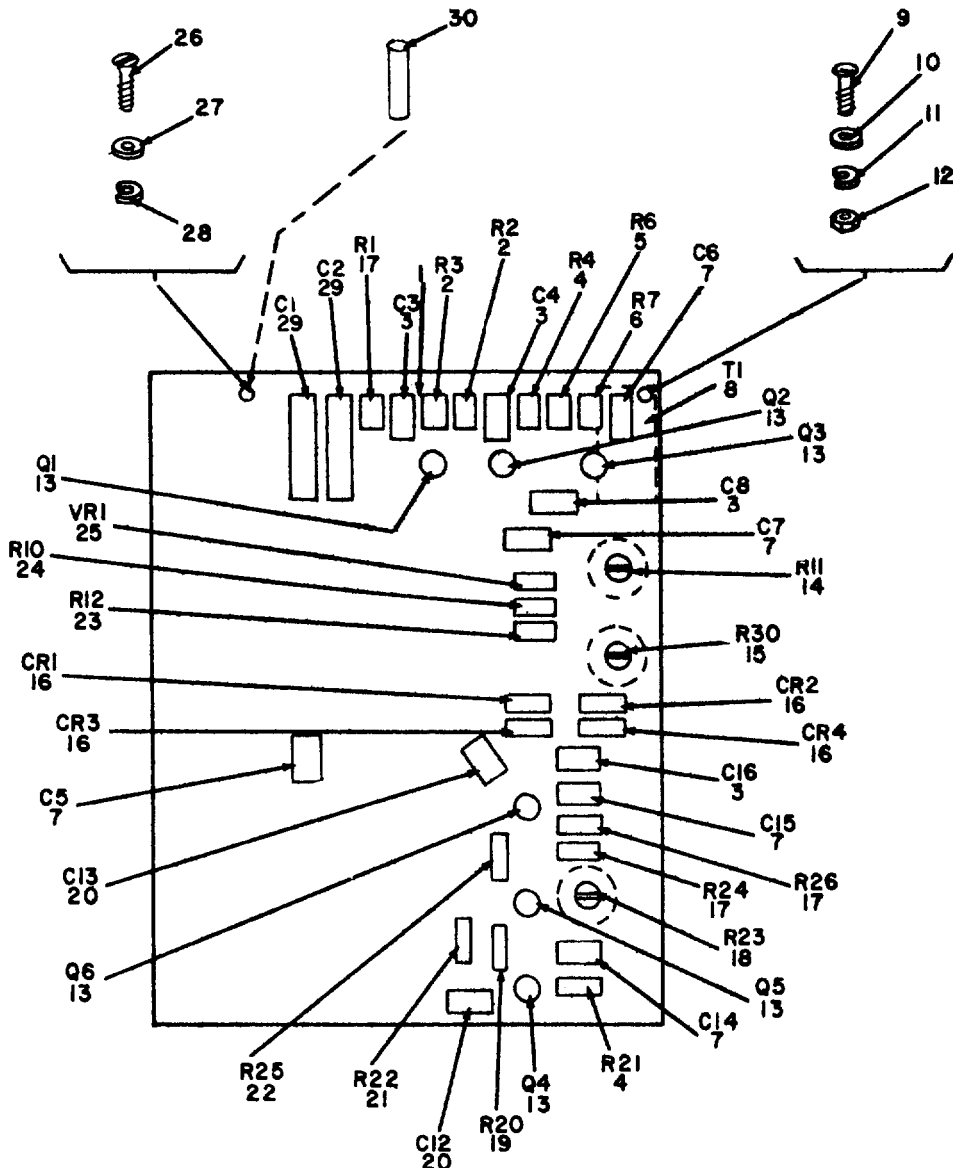


Figure 2. Test Set, Transistor TS-1836 C/U, rear view without batteries.

| (1) ILLUSTRATION (A) FIG NO. | (2) (B) ITEM NO. | (3) SMR CODE | (4) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION | (7) USABLE ON COIU/M | (8) QTY INC IN UNIT |
|--|---------------------------|--------------------|------------------------------------|-----------------------|-------------|--------------------------------------|-------------------------|---------------------------------|
| 2 | 1 | PAHZZ | 6625-00-007-2531 | D2001 | 34639 | METER | EA | 1 |
| 2 | 2 | PAHZZ | 5905-00-279-3505 | RC20GF392J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 2 |
| 2 | 3 | PAHZZ | 5905-00-892-6465 | RN65D49R9F | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 2 | 4 | XDHZZ | | B414313-25-15V | 25088 | CAPACITOR, FIXED, ELECTROLYTIC | EA | 2 |
| 2 | 5 | XDHZZ | | RN65D5R60F | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 2 | 6 | PAHZZ | 5930-00-522-7032 | 212-28200-3 | 71450 | SWITCH, ROTARY | EA | 1 |
| 2 | 7 | PAHZZ | 5935-00-803-1445 | 108-902 | 74970 | JACK | EA | 1 |
| 2 | 8 | PAHZZ | 5935-00-729-5559 | 108-903 | 74970 | JACK | EA | 1 |
| 2 | 9 | PAHZZ | 5935-00-755-2602 | 108-907 | 74970 | JACK | EA | 1 |
| 2 | 10 | PAHZZ | 5905-00-119-3321 | MM6453VA45 | 71450 | RESISTOR VARIABLE | EA | 1 |
| 2 | 11 | PAHZZ | 5905-00-192-0660 | RC20GF184J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 1 |
| 2 | 12 | PAHZZ | 5905-00-845-9431 | RC20GF4R7J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 1 |
| 2 | 13 | PAHZZ | 5930-00-522-7015 | 212-27893-9 | 71450 | SWITCH, ROTARY | EA | 1 |
| 2 | 14 | PAHZZ | 5935-00-732-3479 | 65-3313 | 91662 | SOCKET, TRANSISTOR TESTING | EA | 1 |
| 2 | 15 | PAHZZ | 5910-00-901-2406 | DD472G | 95624 | CAPACITOR, FIXED, CERAMIC DIELECTRIC | EA | 1 |
| 2 | 16 | XDHZZ | 5905-00-993-6341 | RN65D7500F | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 2 | 17 | PAHZZ | 5905-00-190-8883 | RC20GF100J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 1 |
| 2 | 18 | XDHZZ | | RN65D2500F | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 2 | 19 | PAHZZ | 5905-00-811-4821 | RN65D1000F | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 2 | 20 | PAHZZ | 5905-00-883-9198 | RN65D1001F | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 2 | 21 | PAHZZ | 5905-00-279-3504 | RC20GF472J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 1 |
| 2 | 22 | PAHZZ | 5905-00-767-7229 | RN65D1180F | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 2 | 23 | XDHZZ | | RC20GF563J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 1 |

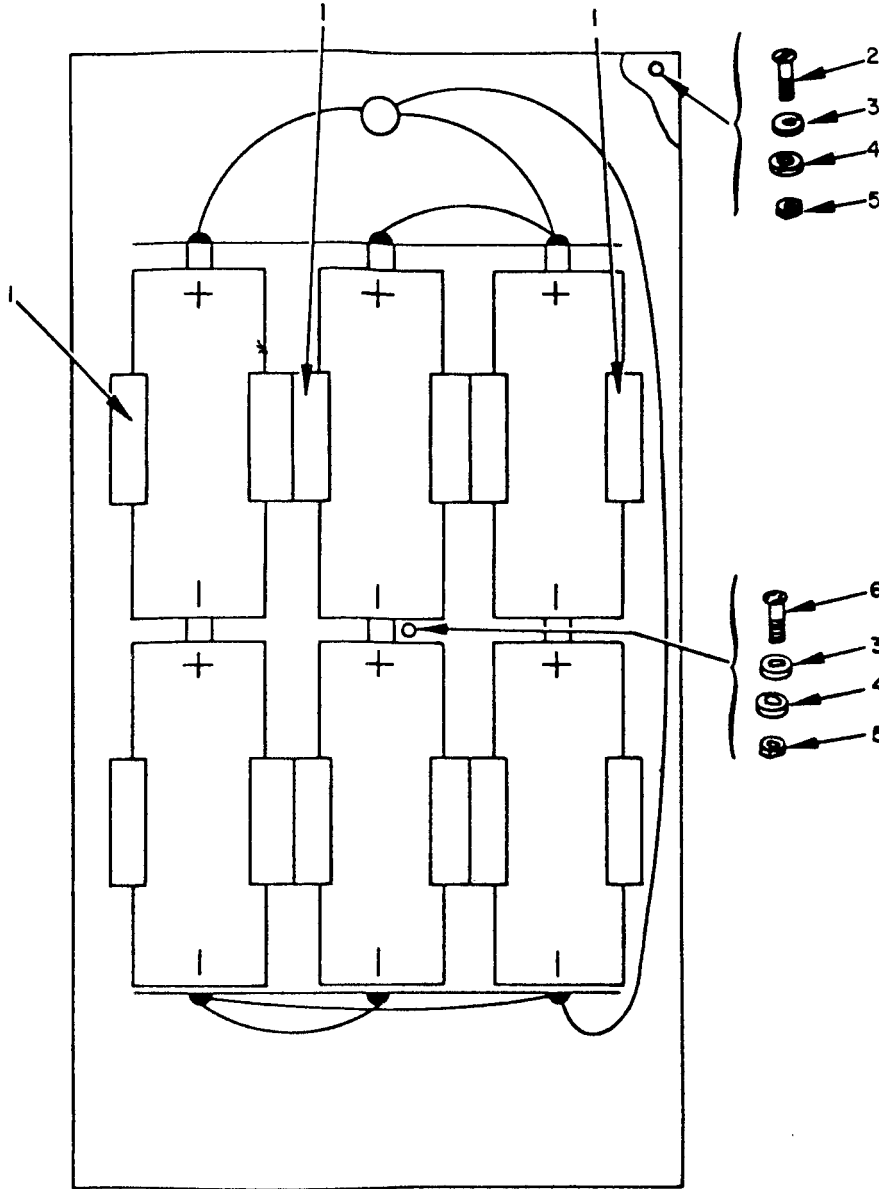


NOTE: 1. TRANSFORMER POWER, LOCATION UNDER PRINTED CIRCUIT BOARD.

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Figure 3. Test Set, Transistor TS-1836C/U, transformer power.

| (1) ILLUSTRATION (A) FIG NO. | (2) (B) ITEM NO. | (3) SMR CODE | (4) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION | (7) USABLE ON COIU/M | (8) QTY INC IN UNIT |
|--|---------------------------|--------------------|------------------------------------|-----------------------|-------------|--------------------------------------|-------------------------|---------------------------------|
| 3 | 1 | PAHZZ | 6625-00-007-5204 | A57015 | 34639 | PRINTED CIRCUIT BOARD | EA | 1 |
| 3 | 2 | PAHZZ | 5905-00-171-1998 | RC20G333J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 2 |
| 3 | 3 | XDHZZ | | DD203 | 95624 | CAPACITOR, FIXED, CERAMIC DIELECTRIC | EA | 4 |
| 3 | 4 | PAHZZ | 5905-00-195-6806 | RC20GF102J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 2 |
| 3 | 5 | PAHZZ | 5905-00-279-3499 | RC20GF273J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 1 |
| 3 | 6 | PAHZZ | 5905-00-279-2643 | RC32GF101J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 1 |
| 3 | 7 | XDHZZ | | B41313-25-102 | 25088 | CAPACITOR, FIXED, ELECTROLYTIC | EA | 5 |
| 3 | 8 | XDHZZ | | M5202 | 93346 | TRANSFORMER, POWER, STEP DOWN | EA | 1 |
| 3 | 9 | PAHZZ | 5305-00-889-2997 | MS35206-215 | 96906 | SCREW, MACHINE | EA | 2 |
| 3 | 10 | PAHZZ | 5310-00-167-0815 | AN960-4 | 88044 | WASHER, FLAT | EA | 2 |
| 3 | 11 | PAHZZ | 5310-00-543-2410 | AN935-4 | 88044 | WASHER, LOCK | EA | 2 |
| 3 | 12 | PAHZZ | 5310-00-610-0461 | AN340-4 | 80058 | NUT, PLAIN, HEXAGON | EA | 2 |
| 3 | 13 | XDHZZ | | 2N5223 | 03984 | TRANSISTOR | EA | 6 |
| 3 | 14 | PAHZZ | 5905-00-119-3322 | MM6454VA45 | 71450 | RESISTOR, VARIABLE | EA | 1 |
| 3 | 15 | XDHZZ | | E870PCA | 79727 | RESISTOR, VARIABLE | EA | 1 |
| 3 | 16 | PAHZZ | 5961-00-669-6884 | 1N277 | 81349 | SEMICONDUCTOR DEVICE, DIODE | EA | 4 |
| 3 | 17 | PAHZZ | 5905-00-279-1876 | RC20GF222J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 3 |
| 3 | 18 | PAHZZ | 5905-00-119-3323 | SR9325-45-2 | 71450 | RESISTOR, VARIABLE | EA | 1 |
| 3 | 19 | PAHZZ | 5905-00-299-1971 | RC20GF822J | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 1 |
| 3 | 20 | XDHZZ | | B41313-1-0-35V | 25088 | CAPACITOR, FIXED, ELECTROLYTIC | EA | 2 |
| 3 | 21 | PAHZZ | 5905-00-195-6761 | RC20GF104J | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 3 | 22 | PAHZZ | 5905-00-279-3506 | RC20GF332J | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 3 | 23 | XDHZZ | | RC20GF563J | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 3 | 24 | PAHZZ | 5905-00-190-8880 | RC20GF122J | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 3 | 25 | XDHZZ | | 1N754A | 81349 | SEMICONDUCTOR DEVICE, DIODE | EA | 1 |
| 3 | 26 | PAHZZ | 5305-00-984-4988 | MS35206-228 | 96906 | SCREW, MACHINE | EA | 4 |
| 3 | 27 | PAHZZ | 5310-00-167-0816 | AN960-6 | 88044 | WASHER, FLAT | EA | 4 |
| 3 | 28 | PAHZZ | 5310-00-045-4007 | AN935-6 | 80058 | WASHER, LOCK | EA | 4 |
| 3 | 29 | XDHZZ | | B41283-250-15V | 25088 | CAPACITOR, FIXED, ELECTROLYTIC | EA | 2 |
| 3 | 30 | PAHZZ | 5365-00-769-3976 | 8414A0632-10 | 06540 | SPACER | EA | 4 |



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Figure 4. Test Set, Transistor TS-1836 C/U, rear view.

TM 11-6625-539-24P-3

| SECTION II | | | | | | | | | |
|------------|---------|----------|-----------------------|-------------|-------|---------------------|----------------|-----|-----------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | |
| FIG NO. | TEM NO. | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE | U/M | QTY INC IN UNIT |
| 4 | 1 | PAHZZ | 6135-00-730-1434 | 174 | 91833 | HOLDER, BATTERY | | EA | 3 |
| 4 | 2 | PAHZZ | 5305-00-889-2997 | MS35206-215 | 96906 | SCREW, MACHINE | | EA | 4 |
| 4 | 3 | PAHZZ | 531 0-00-167-0815 | AN960-4 | 88044 | WASHER, FLAT | | EA | 5 |
| 4 | 4 | PAHZZ | 5310-00-543-2410 | AN935-4 | 88044 | WASHER, LOCK | | EA | 3 |
| 4 | 5 | PAHZZ | 5310-00-610-0461 | AN340-4 | 80044 | NUT, PLAIN, HEXAGON | | EA | 5 |
| 4 | 6 | PAHZZ | 5305-00-889-2999 | MS35206-217 | 96906 | SCREW, MACHINE | | EA | 1 |

NATIONAL STOCK NUMBER AND PART NUMBER INDEX
NOTE: LATE INCLUCED AT END OF INDEX.

| STOCK NUMBER | FIGURE NO. | ITEM NO. | STOCK NUMBER | FIGURE NO. | ITEM NO. |
|------------------|------------|----------|------------------|------------|----------|
| 6625-00-007-2531 | 2 | 1 | 5310-00-543-2410 | 3 | 11 |
| 6625-00-007-5204 | 3 | 1 | 5310-00-543-2410 | 4 | 4 |
| 5310-00-045-4007 | 3 | 28 | 5961-00-669-6884 | 3 | 16 |
| 5905-00-119-3321 | 2 | 10 | 5935-00-729-5559 | 2 | 8 |
| 5905-00-119-3322 | 3 | 14 | 6135-00-730-1434 | 4 | 1 |
| 5905-00-119-3323 | 3 | 18 | 5935-00-732-3479 | 2 | 14 |
| 5310-00-167-0815 | 1 | 11 | 5935-00-755-2602 | 2 | 9 |
| 5310-00-167-0815 | 3 | 10 | 5360-00-763-2801 | 1 | 9 |
| 5310-00-167-0815 | 4 | 3 | 5365-00-763-2842 | 1 | 15 |
| 5310-00-167-0816 | 1 | 6 | 5975-00-763-4442 | 1 | 20 |
| 5310-00-167-0816 | 3 | 27 | 5905-00-767-7229 | 2 | 22 |
| 5905-00-171-1998 | 3 | 2 | 5935-00-803-1445 | 2 | 7 |
| 5905-00-190-8880 | 3 | 24 | 5905-00-811-4821 | 2 | 19 |
| 5905-00-190-8883 | 2 | 17 | 5935-00-833-4589 | 1 | 17 |
| 5905-00-192-0660 | 2 | 11 | 5935-00-843-2747 | 1 | 18 |
| 5905-00-195-6761 | 3 | 21 | 5905-00-845-9431 | 2 | 12 |
| 5905-00-195-6806 | 3 | 4 | 5999-00-857-4914 | 1 | 19 |
| 5905-00-279-1876 | 3 | 17 | 590-00-883-9198 | 2 | 20 |
| 5905-00-279-2643 | 3 | 6 | 5305-00-889-2997 | 3 | 9 |
| 5905-00-279-3499 | 3 | 5 | 5305-00-889-2997 | 4 | 2 |
| 5905-00-279-3504 | 2 | 21 | 5305-00-889-2999 | 4 | 6 |
| 5905-00-279-3505 | 2 | 2 | 5305-00-889-3116 | 1 | 10 |
| 5905-00-279-3506 | 3 | 22 | 5905-00-892-6465 | 2 | 3 |
| 5905-00-299-1971 | 3 | 19 | 5305-00-984-4988 | 1 | 3 |
| 5930-00-522-7015 | 2 | 13 | 5305-00-984-4988 | 3 | 26 |
| 5930-00-522-7032 | 2 | 6 | 5905-00-993-6341 | 2 | 16 |
| 5355-00-543-0789 | 1 | 14 | | | |

| PART NUMBER | FSCM | FIG NO | ITEM NO | PART NUMBER | FSCM | FIG NO | ITEM NO |
|----------------|-------|--------|---------|---------------|-------|--------|---------|
| AN340-4 | 80058 | 3 | 12 | RC20GF273J | 81349 | 3 | 5 |
| AN340-4 | 80058 | 4 | 5 | RC20GF332J | 81349 | 3 | 22 |
| AN340-6 | 88044 | 1 | 7 | RC20GF392J | 81349 | 2 | 2 |
| AN935-4 | 88044 | 3 | 11 | RC20GF4R7J | 81349 | 2 | 12 |
| AN935-4 | 88044 | 4 | 4 | RC20GF472J | 81349 | 2 | 21 |
| AN935-6 | 58 | 3 | 28 | RC20GF563J | 81349 | 2 | 23 |
| AN960-4 | 88044 | 1 | 11 | RC20GF563J | 81349 | 3 | 23 |
| AN960-4 | 88044 | 3 | 10 | RC20GF822J | 81349 | 3 | 19 |
| AN960-4 | 88044 | 4 | 3 | RC20G333J | 81349 | 3 | 2 |
| AN960-6 | 88044 | 1 | 6 | RC32GF101J | 81349 | 3 | 6 |
| AN960-6 | 88044 | 3 | 27 | RN65D1000F | 81349 | 2 | 19 |
| A57015 | 34639 | 3 | 1 | RN65D1001F | 81349 | 2 | 20 |
| A62003 | 34639 | 1 | 9 | RN65D1180F | 81349 | 2 | 22 |
| B41313-1-0-35V | 25088 | 3 | 20 | RN65D2500F | 81349 | 2 | 18 |
| B41313-25-102 | 25088 | 3 | 7 | RN65D49R9F | 81349 | 2 | 3 |
| B414313-25-15V | 25088 | 2 | 4 | RN65D5R60F | 81349 | 2 | 5 |
| C45046 | 34639 | 1 | 12 | RN65D7500F | 81349 | 2 | 16 |
| C45083 | 34639 | 1 | 1 | SCB8331142202 | 98003 | 1 | 4 |
| C45084 | 34639 | 1 | 5 | SR9325-45-2 | 71450 | 3 | 18 |
| DD203 | 95624 | 3 | 3 | X864 | 70485 | 1 | 8 |
| DD472G | 95624 | 2 | 15 | 1N277 | 81349 | 3 | 16 |
| D20001 | 34639 | 2 | 1 | 1N754A | 81349 | 3 | 25 |
| E8TOPCA | 79727 | 3 | 15 | 108-320 | 74970 | 1 | 16 |
| MM6453VA45 | 71450 | 2 | 10 | 108-303 | 74970 | 1 | 17 |
| MM6454VA45 | 71450 | 3 | 14 | 108-307 | 74970 | 1 | 18 |
| MS35206-213 | 96906 | 1 | 10 | 108-902 | 74970 | 2 | 7 |
| MS35206-215 | 96906 | 3 | 9 | 109-903 | 74970 | 2 | 8 |
| MS35206-215 | 96906 | 4 | 2 | 108-907 | 74970 | 2 | 9 |
| MS35206-217 | 96906 | 4 | 6 | 12175B3724-4 | 6540 | 1 | 2 |
| MS35206-228 | 96906 | 1 | 3 | 174 | 91833 | 4 | 1 |
| MS35206-228 | 96906 | 3 | 26 | 2N5223 | 3984 | 3 | 13 |
| MS91528-1K2B | 96906 | 1 | 13 | 212-27893-9 | 71450 | 2 | 13 |
| MS91528-1N2B | 96906 | 1 | 14 | 212-28200-3 | 71450 | 2 | 6 |
| M5202 | 93346 | 3 | 8 | 34 | 76545 | 1 | 19 |
| RC20GF100J | 81349 | 2 | 11 | 36 | 76545 | 1 | 20 |
| RC20GF102J | 81349 | 3 | 4 | 65-3313 | 91662 | 2 | 14 |
| RC20GF104J | 81349 | 3 | 21 | 650004-7202 | 91662 | 1 | 15 |
| RC20GF122J | 81349 | 3 | 24 | 776 | 83330 | 1 | 21 |
| RC20GF184J | 81349 | 2 | 11 | | | | |
| RC20GF222J | 81349 | 3 | 17 | | | | |

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

| STOCK NUMBER | FIGURE NO. | ITEM NO. |
|------------------|---------------|-------------|
| 5310-00-176-8133 | 1 | 7 |
| 5355-00-556-0145 | 1 | 13 |
| 5310-00-610-0461 | 3 | 12 |
| 5310-00-610-2461 | 4 | 5 |
| 5935-00-894-2404 | 1 | 16 |
| 5910-00-901-2405 | 2 | 15 |

By Order of the Secretary of the Army:

FRED C. WEYAND
General, United States Army
Chief of Staff

Official:

PAUL T. SMITH
Major General, United States Army
The Adjutant General

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USARMIS (1)
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Ft Gordon (10)
Ft Huachuca (10)
Ft CarSon (5)
Ft Richardson (ECOM Ofc) (2)
Ft Gillem (10)
LBAD (14)
SAAD (30)
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Sig FLDMS (1)
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Units org under fol TOE:
(1 copy each unit)
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1-500 (AA-AC)
29-134
29-136

NG: State AG (3); Units-Same as Active Army except allowance is one copy per unit.

USAR: None

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

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



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DATE 10 July 1975

PUBLICATION NUMBER

TM 11-5840-340-12

DATE

23 Jan 74

TITLE

Radar Set AN/SPC-76

BE EXACT... PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

| PAGE NO. | PARA-GRAPH | FIGURE NO. | TABLE NO. |
|----------|------------|------------|-----------|
| 2-25 | 2-28 | | |
| 3-10 | 3-3 | | 3-1 |
| 5-6 | 5-8 | | |
| | | FO3 | |

Recommend that the installation antenna alignment procedure be changed throughout to specify a 2° IFF antenna lag rather than 1°.

REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 25 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.

Item 5, Function column. Change "2 db" to "3db."

REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator.

Add new step f.1 to read, "Replace cover plate removed in step e.1, above."

REASON: To replace the cover plate.

Zone C 3. On J1-2, change "+24 VDC to "+5 VDC."

REASON: This is the output line of the 5 VDC power supply. + 24 VDC is the input voltage.

TEAR ALONG DOTTED LINE

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SSG I. M. DeSpirito 999-1776

SIGN HERE:

SSG I. M. DeSpirito

DA FORM 2028-2 (TEST) 1 AUG 74

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR MANUAL "FIND" MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

HISA 1686-75

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PARA-GRAPH

FIGURE NO.

TABLE NO.

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CUT ALONG DOTTED LINE

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

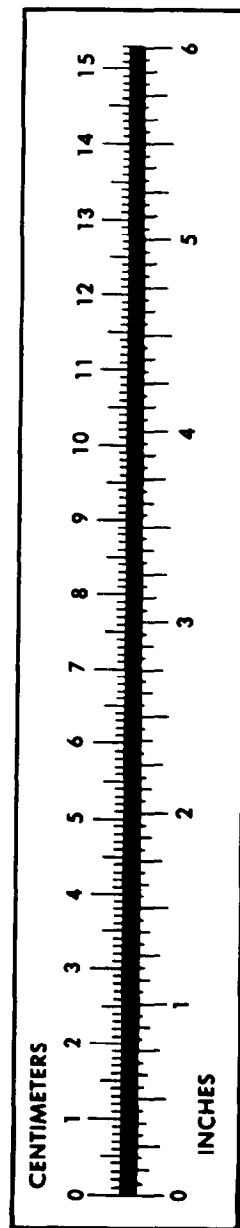
TEMPERATURE

$5/9(^{\circ}\text{F} - 32) = ^{\circ}\text{C}$
 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: 019973-000