

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.

Headquarters, Department of the Army, Washington, D.C. 29 June 1973

Current as of December 1972

Table with 2 columns: Paragraph and Page. Rows include Section I. INTRODUCTION (Scope, General, Explanation of columns, Special information, Location of repair parts, Abbreviations, Reporting of equipment publication improvements), II. REPAIR PARTS LIST, III. SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT (Not applicable), and IV. INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS-REFERENCE TO FIGURE AND ITEM NUMBER.

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* This manual supersedes TM 11-6625-539-45P, 28 January 1963.

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)

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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

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(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							CNTGCV	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 PORM 20% 15 VDCW SCM106BP01 (96214)	EA	REF									1-3	C9
PADZZ	5910-726-1413	CAPACITOR, FIXED, ELECTROLYTIC C11 10 MF PORM 20% 15 VDCW SCM106BP01 (96214)	EA	REF									1-3	C11
PADZZ	5910-726-1413	CAPACITOR, FIXED, ELECTROLYTIC C12 10 MF PORM 20% 15 VDCW SCM106BP01 (96214)	EA	REF									1-3	C12
PADZZ	5910-726-1413	CAPACITOR, FIXED, ELECTROLYTIC C15 10 MF PORM 20% 15 VDCW CSM106BP01 (96214)	EA	REF									1-3	C15
PADZZ	5910-726-1413	CAPACITOR, FIXED, ELECTROLYTIC C17 10 MF PORM 20% 15 VDCW SCM106BP01 (96214)	EA	REF									1-3	C17
PADZZ	5910-824-7740	CAPACITOR, FIXED, ELECTROLYTIC C1 22 MF PORM 20% 15 VDCW SCM226BP01 (96214)	EA	3								3	1-3	C1
PADZZ	5910-824-7740	CAPACITOR, FIXED, ELECTROLYTIC C2 22 MF PORM 20% 15 VDCW SCM226BP01 (96214)	EA	REF									1-3	C2
PADZZ	5910-824-7740	CAPACITOR, FIXED, ELECTROLYTIC C18 22 MF PORM 20% 15 VDCW SCM226BP01 (96214)	EA	REF									1-3	C18
PADZZ	5910-660-4729	CAPACITOR, FIXED, ELECTROLYTIC C18 22 MF PORM 20% 15 VDCW SCM226BP01 (96214)	EA	REF									1-3	C18
PADZZ	5910-660-4729	CAPACITOR, FIXED, PAPER DIELECTRIC C7 22000 MMF PORM 5% 1000 VDCW 196P2235152 (56289)	EA	1								3	1-3	C7
PADZZ	5910-857-1896	CAPACITOR, FIXED, PLASTIC C8 15 UF PORM 20% 100 VDCW G1F27AB164 (24446)	EA	3								3	1-3	C8
PADZZ	5910-857-1896	CAPACITOR, FIXED, PLASTIC C13 .15 UF PORM 20% 100 VDCW G1F27AB164 (24446)	EA	REF									1-3	C13
PADZZ	5910-857-1896	CAPACITOR, FIXED, PLASTIC C16 .15 UF PORM 20% 100 VDCW G127AB164 (24446)	EA	REF									1-3	C16
PADZZ	2590-973-0060	CAPACITOR, FIXED, PLASTIC DIELECTRIC C3 1 MFD PORM 2% 50 VDCW MC105H5AT (99217)	EA	3								3	1-3	C3
PADZZ	2590-973-0060	CAPACITOR, FIXED, PLASTIC DIELECTRIC C10 1 MFD PORM 2% 50 VDCW MC105H5AT (99217)	EA	REF									1-3	C10
PADZZ	2590-973-0060	CAPACITOR, FIXED, PLASTIC DIELECTRIC C14 1 MFD PORM 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			TM11-6625-539-40P											
(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)	
	FEDERAL STOCK NUMBER	DESCRIPTION	UNIT OF MEAS	QTY IN UNIT	30-DAY DS MAINT ALLOWANCE			30-DAY GS MAINT ALLOWANCE			1-YR ALW PER 100 EQUIP CNTGCV	DEPOT MAINT ALW PER 100 EQUIP	(A) FIGURE NO.	(B) ITEM NO.
SMR CODE		REFERENCE NUMBER & MFR. CODE	USABLE ON CODE		(A)	(B)	(C)	(A)	(B)	(C)				
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, INCANDESCCENT 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 PORM 10% 1/2W RC20GF100K (81349)		EA 1				*	*	*		3	1-3	R34
PADZZ	5905-252-5428	RESISTOR, FIXED, COMPOSITION R26 68 OHMS PORM 10% 1/2W RC20GF680K (81349)		EA 1								3	1-3	R26
PAHZZ	5905-279-1894	RESISTOR, FIXED, COMPOSITION R37 82 OHMS PORM 5% 1/2W RC20GF820J (81349)		EA 1				*	*	*		3	1-3	R37
PADZZ	5905-186-3008	RESISTOR, FIXED, COMPOSTION R4 100 OHMS PORM 10% 1/2W RC20GF101K (81349)		EA 1								3	1-3	R4
PAHZZ	5905-171-1997	RESISTOR, FIXED, COMPOSITION R36 330 OHMS PORM 10% 1/2W RC20GF331K (81349)		EA 1				*	*	*		3	1-3	R36
PAHZZ	5905-195-5546	RESISTOR, FIXED, COMPOSITION R33 39 OHMS PORM 5% 1/2W RC20GF390J (81349)		EA 1				*	*	*		3	1-3	R33
PAHZZ	5905-252-4018	RESISTOR, FIXED, COMPOSITION R38 47 OHMS PORM 5% 1/2W RC20GF470J (81349)		EA 1				*	*	*		3	1-3	R38
PADZZ	5905-195-6799	RESISTOR, FIXED, COMPOSITION R23 560 OHM PORM 10% 1/2W RC20GF561K (81349)		EA 1								3	1-3	R23
PADZZ	5905-256-0387	RESISTOR, FIXED, COMPOSTION R15 680 OHMS PORM 10% 1/2W RC20GF631K (81349)		EA 2								3	1-3	R15
PADZZ	5905-256-0387	RESISTOR, FIXED, COMPOSITION R19 680 OHMS PORM 10% 1/2W RC20GF631K (81349)		EA REF									1-3	R19
PADZZ	5905-195-6817	RESISTOR, FIXED, COMPOSITION R3 1000 OHMS PORM 10% 1/2W RC20GF120K (81349)		EA 1								3	1-3	R3
PAHZZ	5905-195-5514	RESISTOR, FIXED, COMPOSITION R8 1500 OHMS PORM 10% 1/2W RC20GF152K (81349)		EA 2				*	*	*		3	1-3	R8

SECTION II

(1)	(2)	(3)	TM11-6625-539-40P									(10)		
		DESCRIPTION	(4)	(5)	(6)			(7)			(8)	(9)	(10)	
SMR	FEDERAL		UNIT	QTY	30-DAY DS MAINT			30-DAY GS MAINT			1-YR	DEPOT	ILLUSTRATION	
CODE	STOCK		OF	INC	ALLOWANCE	(B)	(C)	ALLOWANCE	(B)	(C)	ALW PER	MAINT	(A)	(B)
	NUMBER	REFERENCE NUMBER & MFR. CODE	MEAS	IN	(A)	(B)	(C)	(A)	(B)	(C)	EQUIP	100	FIGURE	ITEM
				UNIT	1-20	21-50	51-100	1-20	21-50	51-100	CNTGCV	EQUIP	NO.	NO.
		USABLE ON CODE												
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, COMPOSITION 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 OHMS 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	ALW PER	FIGURE	ITEM	
				UNIT							CNTGCT	EQUIP	100	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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CREIGHTON W. ABRAMS
General, United States Army
Chief of Staff

Official:

VERNE L. BOWERS

Major General, United States Army
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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)
11-158
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)

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL.

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PARA-GRAPH

FIGURE NO.

TABLE NO.

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

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

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

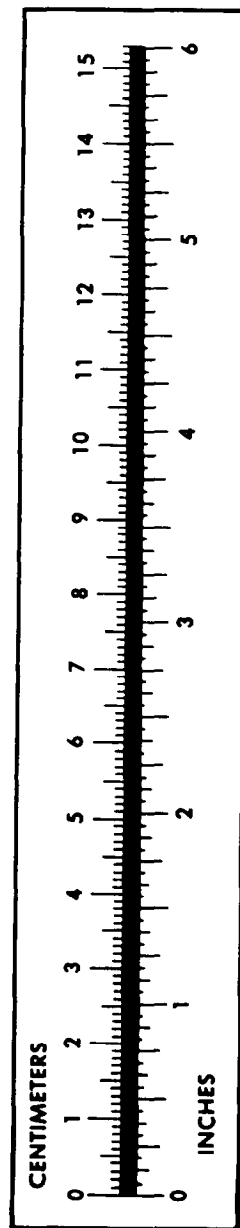
TEMPERATURE

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