

**ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL
SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL
TOOLS LISTS (INCLUDING DEPOT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS)
STATIC RINGING GENERATORS TA-248/TT
AND TA-248A/TT
FSN 5805-503-1-482**

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

Current as of December 1972

	Paragraph	Page
SECTION I. INTRODUCTION		
Scope	1-1	2
General	1-2	2
Explanation of columns	1-3	2
Special information	1-4	4
Location of repair parts	1-5	4
Abbreviations (Not applicable)	1-6	5
Reporting of equipment publication improvements.	1-7	5
II. PRESCRIBED LOAD ALLOWANCE (Not applicable)		
III. REPAIR PARTS LIST		6
IV. SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT (Not applicable)		
V. REPAIR PARTS LIST		7
VI. SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT (Not applicable)		
VII. INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER CROSS-REFERENCE TO FIGURE AND ITEM NUMBER		9

*This manual supersedes so much of TM 11-5805-298-15, 10 September 1965, as pertains to repair parts and special tools list.

**SECTION I
INTRODUCTION**

1-1. Scope

This manual lists repair parts and special tools required for the performance of organizational, direct support, general support, and depot maintenance of the TA-248/TT and TA-248A/TT. The PCCN for the equipment is GCMACC for all models.

1-2. General

This repair parts and special tools list is divided into the following sections:

a. Prescribed Load Allowance (PLA)-Section II. Not applicable.

b. Repair Parts List-Section III. A list of repair parts authorized for the performance of maintenance at the organizational level. This repair parts list is arranged in alphabetical order.

c. Special Tools, Test and Support Equipment-Section IV. Not applicable.

d. Repair Parts List-Section V. A list of repair parts authorized for the performance of maintenance at the direct support, general support, and depot level.

e. Special Tools, Test and Support Equipment-Section VI. Not applicable.

f. Index-Federal Stock Number and Reference Number Cross-Reference to Figure and Item Number-Section VII. 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.
--

<i>code</i>	<i>Explanation</i>
-------------	--------------------

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.

PD-Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. 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.
--

PG-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 shut-down of 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
--

<i>Code</i>	<i>Explanation</i>
XA-Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.	
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 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) *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 minimum 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. *15-Day Organizational Maintenance Allowances.*

(1) The repair parts indicated by an asterisk in the allowance column represent those authorized for use at the organizational category, and will be requisitioned on an "as required" basis, until stockage is based on demand in accordance with AR 710-2.

(2) Major Army commanders are authorized to approve reduction in the range of support items authorized for use in units within their commands. Recommendations for increase in range of items authorized for use will be forwarded to Commander, US Army Electronics Command, ATTN: AMSEL-MA-CW, Fort Monmouth, N.J., 07703.

(3) Allowance quantities are indicated in the special tools list section for special tools, TMDE, and other support equipment.

g. *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 DS and 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.

h. *1-Year Allowances Per 100 Equipments/Contingency Planning Purposes.* Column intentionally left blank.

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

j. *Illustration.*

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown in TM 11-5805-298-15.

(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>
AN 3	TA-248/TT
AN 4	TA-248A/TT

b. The following publication pertains to the equipment and its components:

TM 11-5805-298-15 Organizational, DS, GS, and Depot Maintenance Manual:
Static Ringing Generators
TA-248/TT and TA-248A/TT.

1-5. Location of Repair Parts

a. This manual contains one cross-reference index (see VII) 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 (sec VII), 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 III and V) and locate the figure number (col 7a-20P,

10a-34P) and item number or reference designation (col 7b-20P, 10b-34P) as noted in the FSN index.

c. When the figure and item number or reference designation are known, scrutinize columns 7a and 7b-20P and 10a and 10b-34P, of the repair parts list (sec III and V) until the item is located.

d. When the FSN, reference number, figure number, and item number are not known, scrutinize column 3 of the repair parts list (sec III and V), 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 individual 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-CW, Fort Monmouth, N.J., 07703.

(Next printed page is 6)

(1) CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 15-DAY ORGANIZATIONAL MAINTENANCE ALW				(7) ILLUSTRATION	
						(a) 1-5	(b) 6-20	(c) 21-50	(d) 51-100	(a) FIGURE NO	(b) ITEM NO
PAOZZ	5920-244-5150	CAP, ELECTRICAL NO-REF-DESIG RETAINS 3 AMP FUSE IN HOLDER 9435-1-2 (10133)	AN4	EA	2	*	*	*	*	1-3	
	5920-010-6652	FUSE, CARTRIDGE F1 3 AMP, 250 V MAX SM-B- 143172 F02G3B00A (81349)	AN4	EA	2	*	*	*	*	4-1	F1
PACZZ	5920-010-6652	FUSE, CARTRIDGE F2 3 AMP, 250 V MAX SM-B- 143172 F02G3R00A (81349)	AN4	EA	REF	*	*	*	*	4-1	F2
PACZZ	5920-296-0679	FUSE, CARTRIDGE F1 5 AMP, 250 V MAX FC3G5R00A F15160 (81349)	AN3	EA	2	*	*	*	*	4-1	F1
PACZZ	5920-296-0679	FUSE, CARTRIDGE F2 5 AMP, 250 V MAX FC3G5R00A F15160 (81349)	AN3	EA	REF	*	*	*	*	4-1	F2
PACZZ	6240-266-9941	LAMP, INCANDESCENT R2 SCREW BASE 2 P, 10 W, 115 V SM-8-143173 S14 (89524)		EA	1	*	*	*	*	1-2	P2

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR.. CODE USABLE ON CODE	(4) UNIT OF MEAS	(5) 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 MAINT 100 ALW PER EQUIP	(10) ILLUSTRATION	
					(A)	(B)	(C)	(A)	(B)	(C)			(A)	(B)
PAOZZ	5920-244-5150	CAP, ELECTRICAL NO-REF-DESIG RETAINS 3 AMP FUSE IN HOLDER 9435-1-2 (10133)	EA	2	*	*	*	*	*	*		3	1-3	
PAFZZ	5910-112-7643	CAPACITOR, FIXED, PAPER DIELECTRIC C1 SPARK REDUSER CP26A1EF104M 100,000 UUF C25 (81349)	EA	1	*	*	*	*	*	*		3	1-2	C1
PAFZZ	5910-112-7633	CAPACITOR, FIXED, PAPER DIELECTRIC C2 PROVIDES NORMAL LOAD TERMINATION CP26A1EF254M 250,000 UUF C25A (81349)	EA	2	*	*	*	*	*	*		3	1-2	C2
PAFZZ	5805-378-5595	CONTACT,ELECTRICAL NO-REF-DESIG USED WITH AND PWERMITS ADJUSTMENT OF GAP IN VIBRATING REED SM-B-143153 6010 (01367)	EA	1	*	*	*	*	*	*		3	1-3	
PACZZ	5920-010-6652	FUSE, CARTRIDGE F1 3 AMP, 250 V MAX SM-B-143172 F02G3R00A (81349)	EA	2	*	*	*	*	*	*		50	4-1	F1
PACZZ	5920-010-6652	FUSE, CARTRIDGE F2 3 AMP, 250 V MAX SM-B-143172 F02G3R00A (81349)	EA	REF	*	*	*	*	*	*			4-1	F2
PACZZ	5920-296-0679	FUSE, CARTRIDGE F1 5 AMP, 250 V MAX FC3G5R00A F15160 (81349)	EA	2	*	*	*	*	*	*		50	4-1	F1
PACZZ	5920-296-0679	FUSE, CARTRIDGE F2 5 AMP, 250 V MAX FC3G5R00A F15160 (81349)	EA	REF	*	*	*	*	*	*			4-1	F2
PAFZZ	5920-285-0755	FUSEHOLDER NO-REF-DESIG 15 AMP, 250 V SCB72703 (80063)	EA	2	*	*	*	*	*	*		3	1-3	
PAFZZ	5920-221-5673	FUSEHOLDER NO-REF-DESIG 30 AMP, 250 V 357002 (75915)	EA	1	*	*	*	*	*	*		3	1-3	
PAFZZ	5325-281-6611	GROMMET, RUBBER NO-REF-DESIG PROTECTION FOR INPUT WIRE LEADS 8701 (83212)	EA	2	*	*	*	*	*	*		4	1-1	
PACZZ	6240-266-9941	LAMP, INCANDESCENT R2 SCREW BASE 2 CP, 10 W, 115 V SM-B-143173 S14 (89524)	EA	1	*	*	*	*	*	*		50	1-2	R2
PAFZZ	6250-174-8849	LAMPHOLDER NO-REF-DESIG MEDIUM SCREW BASE 250 V, 660 W SM-B-143154 1026 (04969)	EA	1	*	*	*	*	*	*		5		
PAFZZ	5805-342-2946	REED, VIBRATING NO-REF-DESIG OSCILLATES FOR 20 CYCLE AC SM-B-143155 1044 (06987)	EA	1	*	*	*	*	*	*		3	1-1	
PAFZZ	5905-174-2713	RESISTOR, FIXED, WIRE WOUND R3 50 OHM, PORM5% CONTROLS OUTPUT VOLTAGE SM- B-143156 RW296500 (81349)	EA	1	*	*	*	*	*	*		3	1-2	R3
PAFZZ	5905-279-5320	RESISTOR, FIXED,WIRE WOUND R1 CURRENT LIMITER 3000 OHM, PORM5% 10F (12697)	EA	1	*	*	*	*	*	*		3	1-2	R1
PAFZZ	5805-597-9846	SPRING, HELICAL, COMPRESSION NO-REF- DESIG USED ON CONTACT ADJUSTING SCREW SM-B-143175 1045 (11349)	EA	1	*	*	*	*	*	*		3	1-3	

(1)	(2)	(3)	(4)	(5)	(6)			(7)			(8)	(9)	(10)		
		DESCRIPTION		QTY	30-DAY DS MAINT			30-DAY GS MAINT			1-YR	DEPOT	ILLUSTRATION		
	FEDERAL		UNIT	INC	(A)	(B)	(C)	(A)	(B)	(C)	ALW PER	MAINT	ALW PER	(A)	(B)
SMR	STOCK		OF	IN							100	100	100	FIGURE	ITEM
CODE	NUMBER	REFERENCE NUMBER & MFR. CODE	MEAS	UNIT	20-Ja	21-50	51-100	20-Ja	21-50	51-100	CNTG	EQUIP	EQUIP	NO.	NO.
PAFZZ	5950-648-1730	TRANSFORMER, POWER, STEP-UP AND STEP-DOWN T1 POWER INPUT TRANSFORMER SM-B-143158 1067 (12603)	EA	1	*	*	*	*	*	*		3		1-1	T1
PAFZZ	6105-356-1955	WINDING, MOTOR FIELD NO-REF-DESIG EXCITES VIBRATING REED SM-B-143159 1006 (01233)	EA	1	*	*	*	*	*	*		3		1-1	
PAFZZ	5950-646-4127	COIL, RADIO FREQUENCY L1 PREVENTS AC INTERFERENCE IN RADIO EQUIPMENT SM-B 143152 1005 (01233)	EA	1	*	*	*	*	*	*		3		1-2	L1

INDEX - FEDERAL STOCK NUMBER AND REFERENCE NUMBER
 CROSS-REFERENCE TO FIGURE AND ITEM NUMBER

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5325-281-6611	1-1		5920-221-5673	1-3	
5805-342-2946	1-1		5920-244-5150	1-3	
5805-378-5595	1-3		5920-285-0755	1-3	
5805-597-9846	1-3		5920-296-0679	4-1	F1
5905-174-2713	1-2	R3	5920-296-0679	4-1	F2
5905-279-5320	1-2	R1	5950-646-4127	1-2	L1
5910-112-7633	1-2	C2	5950-648-1730	1-1	T1
5910-112-7643	1-2	C1	6105-356-1955	1-1	
5920-010-6652	4-1	F1	6240-266-9941	1-2	R2
5920-010-6652	4-1	F2	6250-174-8849		

Reference No.	Mfr Code	Fig No.	Item No.	Reference No.	Mfr Code	Fig No.	Item No.
C25	81349	1-2	C1	1005	1233	1-2	L1
C25A	81349	1-2	C2	1006	1233	1-1	
F02G3R00A	81349	4-1	F1	1026	4969		
F02G3R00A	81349	4-1	F2	1044	6987	1-1	
F15160	81349	4-1	F1	1045	11349	1-3	
F15160	81349	4-1	F2	1067	12603	1-1	T1
RW296500	81349	1-2	R3	357002	75915	1-3	
SCB72703	80063	1-3		6010	1367	1-3	
S14	89524	1-2	R2	8701	83212	1-1	
10F	12697	1-2	R1	9435-1-2	10133	1-3	

By Order of the Secretary of the Army:

CREIGHTON W. ABRAMS
General, United States Army
Chief of Staff

Official:

VERNE L. BOWERS
Major General, United States Army
The Adjutant General

Distribution:

Active Army:

USASA (2)	WRAMC (1)
CNGB (1)	USACDCEC (5)
ACSC-E (2)	Instl (2) except
USAARENBD (2)	Fort Gordon (10)
USAMB (10)	Fort Huachuca (10)
USACDC (2)	Fort Carson (10)
USACDC Agcy (1)	WSMR (2)
AMC (1)	Army Dep (2) except
CONARC (5)	LBAD (14)
ARADCOM (2)	SAAD (30)
ARADCOM Rgn (2)	TOAD (14)
OS Maj Comd (4)	LEAD (7)
LOGCOMD (5)	ATAD (10)
MICOM (2)	USA Dep (2)
TECOM (2)	Sig Sec USA Dep (2)
USASTRATCOM (4)	Sig Dep (5)
HISA (ECOM) (70)	Sig FLDMS (1)
MDW (1)	USAERDAA (2)
Armies (2)	USAERDAW (2)
Corps (2)	MAAG (1)
Svc Colleges (2)	USARMIS (1)
USASESS (5)	Ft Richardson (ECOM Ofc) (2)
USAADS (2)	Units org under fol TOE
USAFAS (2)	(1 copy each):
USAARMS (2)	11-158
UASIS (2)	29-134
USAES (2)	29-136
USAINTS (3)	

NG: None.

USAR: None.

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

