

TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS
LISTS (INCLUDING DEPOT MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS)
SPECTRUM ANALYZER AN/UPM-58
FSN 6625-523-8576**

HEADQUARTERS, DEPARTMENT OF THE ARMY

September 1973

Technical Manual
No. 11-6625-232-34P }
}

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, D.C., 28 September 1973

**Direct Support and General Support Maintenance
Repair Parts and Special Tools Lists (Including
Depot Maintenance Repair Parts and Special Tools)
SPECTRUM ANALYZER AN/UPM-58
FSN 6625-523-8576**

Current as of February 1973

	Paragraph	Page
Section I. INTRODUCTION		
Scope	1-1	1
General	1-2	1
Explanation of columns.....	1-3	1
Special information	1-4	3
Location of repair parts.....	1-5	3
Abbreviations (Not applicable).....	1-6	3
Reporting of equipment publication improvements.....	1-7	3
II. REPAIR PARTS LIST		6
III. SPECIAL TOOLS, TEST AND SUPPORT EQUIPMENT (Not applicable)		
IV. INDEX-FEDERAL STOCK NUMBER AND REFERENCE NUMBER		
CROSS-REFERENCE TO FIGURE AND ITEM NUMBER		25

***This manual supersedes TM 11-6625-232-35P, 26 March 1959, including all changes.**

SECTION I INTRODUCTION

1-1. Scope

This manual lists repair parts and special tools required for the performance of direct support, general support, and depot maintenance of the AN/UPM-58. The PCCN for the AN/UPM-58 is GTEAAM for all models.

1-2. General

This repair parts and special tools 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 direct support, 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-

Code	Explanation
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.
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.

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.

Code	Application/Explanation
-------------	--------------------------------

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 multiservice 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:

Code	Application/Explanation
-------------	--------------------------------

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.
-----	---

Code	Application/Explanation
-------------	--------------------------------

D -	The lowest maintenance level capable of complete repair of the support item is the depo 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:

Code	Explanation
-------------	--------------------

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. 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.

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

h. *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.

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 11-5099.

(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-

Code	Used on
AFN	AN/UPM-58

b. The following publications pertain to the AN/UPM-58 and its components:

TM 11-5099	Spectrum Analyzer AN/UPM-58.
TM 11-6625-232-20P	Organizational Maintenance Repair Parts and Special Tools Lists: Spectrum Analyzer AN/UPM-58.

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 11V) 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 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-CRA, Fort Monmouth, N.J., 07703.

(Next printed page is 6)

SECTION II

(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) 30DAY GS ALLOW.	
					(a)	(b)	(c)	(a)	(b)
					1-20	21-50	51-100	1-20	21-50
PAOZZ	6625-502-6085	CABLE, POWER, ELECTRICAL NO-REF-DESIG	EA	1	*	*	*	*	*
PAFZZ	6145-542-6092	CX3072U (80058) CABLE, RADIO FREQUENCY RG-58C/U NO-REF- DESIG RG58CU (80058)	FT	14	*	*	*	*	*
PAOZZ	5935-149-4066	CONNECTOR, PLUG, ELECTRICAL UG-88C/U P5	EA	4	*	*	*	*	*
PAOZZ	5935-149-4066	UG88CU (800581) CONNECTOR, PLUG, ELECTRICAL UG-88C/U P6	EA	REF	*	*	*	*	*
PAOZZ	5935-149-4066	UG88CU (80058) CONNECTOR, PLUG, ELECTRICAL UG-88C/U P7	EA	REF	*	*	*	*	*
PAOZZ	5935-149-4066	UG88CU (80058) CONNECTOR, PLUG, ELECTRICAL UG-88C/U P8	EA	REF	*	*	*	*	*
PAOZZ	5935-549-9271	UG88CU (80058) CONNECTOR, PLUG ELECTRICAL P9	EA	1	*	*	*	*	*
PAOZZ	5935-283-3392	7084 (74545) CONNECTOR, PLUG, ELECTRICAL UP-120M P10.	EA	1	*	*	*	*	*
PAOZZ	6625-284-9089	UPI20M (80058) HORN, WAVEGUIDE AT-531/UPM E40	EA	1	*	*	*	*	*
PAOZZ	5985-501-0832	AT531UPM (80058) WAVEGUIDE ASSEMBLY CG-539/U W7	EA	1	*	*	*	*	*
PAHZZ	625-568-4799	539U (800581) ABSORBER, RADIO FREQUENCY RADIATION AT3.....	EA	1				*	*
PAFZZ	6625-606-7102	SMB169740 (80063) AMPLIFIER INTERMEDIATE FREQUENCY AR1.....	EA	1	*	*	*	*	*
PAHZZ	6625-219-6778	SMC169660 (80063) ATTENUATOR, VARIABLE AT1	EA	1				*	*
PAFZZ	6625-222-4185	SMC169744 (80063) BEZEL U6.....	EA	1	*	*	*	*	*
PAHZZ	5910-194-7802	SMD169815 (800631) CLAMP, ELECTRICAL A41.....	EA	2				*	*
PAHZZ	5910-194-7802	CP07SB1 (813491) CLAMP, ELECTRICAL A42.....	EA	REF				*	*
PAHZZ	6625-219-6192	CP07SB1 (813491) BUSHING 01	EA	1			*	*	*
PAHZZ	5307-207-9890	SMB169781 (800631) BUSHING, EXTENSION 02	EA	5				*	*
PAHZZ	5307-207-9890	SMB169657-1 (800631) BUSHING, EXTENSION 07	EA	REF				*	*
PAHZZ	5307-207-9890	SM8169657-1 (80063) BUSHING, EXTENSION 08	EA	REF				*	*
PAHZZ	5307-207-9890	SMB169657-1 (800631) BUSHING, EXTENSION 09	EA	REF				*	*
PAHZZ	5307-207-9890	SMB169657-1 (80063) BUSHING, EXTENSION 010	EA	REF				*	*
PAHZZ	6625-219-6191	SMB169657-3 (800631) BUSHING, EXTENSION 011	EA	2				*	*
PAHZZ	6625-219-6191	SMB169657-3 (80063) BUSHING, EXTENSION 012	EA	REF				*	*
PAFZZ	6145-686-4893	SMB169657-3 (80063) CABLE, RADIO FREQUENCY RG-55/U NO-REF- DESIG RG55U (80058)	FT	2	*	*	*	*	*