

TECHNICAL MANUAL
ORGANIZATIONAL, DIRECT SUPPORT,
AND GENERAL SUPPORT
MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR
PARTS AND SPECIAL TOOLS)
FOR
SIGNAL GENERATOR TEST SETS
AN/USM-44 (NSN 6625-00-669-4031)
AND
AN/USM-44A (NSN 6625-00-176-5708)

HEADQUARTERS, DEPARTMENT OF THE ARMY

JANUARY 1978

TECHNICAL MANUAL }
 No. 11-6625-508-24P }

HEADQUARTERS
 DEPARTMENT OF THE ARMY
 WASHINGTON, DC, 3 January 1978

**ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL
 SUPPORT MAINTENANCE REPAIR PARTS
 AND SPECIAL TOOLS LISTS
 (INCLUDING DEPOT MAINTENANCE REPAIR PARTS
 AND SPECIAL TOOLS)
 FOR
 SIGNAL GENERATOR TEST SETS
 AN/USM-44 (NSN 6625-00-669-4031)
 AND
 AN/USM-44A (NSN 6625-00-176-5708)
 Current as of 17 August 1977**

REPORTING OF ERRORS

You can improve this manual by recommending improvements using DA Form 20282 (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.

If there are no blank DA Forms 2028-2 (Test) in the back of your manual, use the standard DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forward to the Commander, US Army Electronics Command, ATTN: DR-SELMA-Q, Fort Monmouth, New Jersey 07703.

In either case a reply will be furnished direct to you.

Table of Contents

			Page	Illus Figure
SECTION	I.	Introduction	1	
	II.	Repair parts list.....	5	
Group	00	Signal Generator Test Sets ANIUSM-44, AN/USM-44A.....	5	1
	01	Transit Case Assemblies CY-2105AIUSM-44A, CY-1605/USM-44	9	2
	02	Signal Generators TS-10U, TS- 10A/U.....	11	3
		0201 Panel assembly 608D-E- 110	15	4
		0202 Sub-chassis assembly 608D-L-113	19	5
		0203 Chassis assembly 608D-E-112.....	23	6
		020301 Terminal board assembly 608D-755-1-PM	27	7
		020302 Terminal board assembly 608D-75S-2-PM	29	8
		020303 Terminal board assembly 608D-75S-3-PM	31	9
		020304 Terminal board assembly 608D-75S-4-PM	33	10
		0204 Chassis assembly 608D-E-111.....	37	11
		020401 Terminal board assembly 608D-75R-3-PM	41	12
		020402 Terminal board assembly 608D-75R-2-PM	48	18
		020403 Terminal board assembly 608D-75R-1-PM	45	14
		0205 Generator assembly 608D-59(N)-PL	47	15
		020501 Generator chassis assembly 608D-59(N)-1-PL.....	49	16

*This manual supersedes TM 11-6625-5024P, 29 June 1973.

Table of Contents-Continued

		Page	Illus Figure
	020502 Crystal calibrator assembly 608D-M- 117.....	53	17
	020503 Generator tube compartment.....	57	18
	020504 Generator tuner compartment	61	19
	02050401 Amplifier coil assembly 608D-60A-PM.....	65	20
	02050402 Oscillator coil assembly 608D-60B(IN-PM.....	67	21
	020505 Generator housing assembly 608D-E- 116.....	69	22
	02050501 Output attenuator assembly 608D-341(N)-PL	73	23
	0206 Bottom plate assembly.....	76	24
03	Cable Assembly, Power, Electrical CX-3136U6FT	77	26
04	Cable assembly, radio frequency 2279.....	79	26
05	Fuseholder MX-1730/U.....	81	27
SECTION III.	Special tool list (Not applicable)		
IV.	National stock number number and part number index.....	82	

SECTION I

INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support and general support maintenance of the AN/USM-44 and ANIUSM-44A. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

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

a. Section II. Repair Parts List A list of spares and 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 numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed at end of Section II.

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

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

3. Explanation of Columns

a. Illustration This column is divided as follows:

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

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

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

(1) *Source code.* Source codes 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

Code	Definition
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 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 will contain one of the following maintenance codes:

Code	Application/Explanation
H	-The lowest maintenance level capable of complete repair of the support item is the general support level.
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:

Recoverability Code	Definition
Z	- Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.