

OPERATOR AND ORGANIZATIONAL MAINTENANCE MANUAL
 MAINTENANCE KIT, ELECTRONIC EQUIPMENT MK-722/URC

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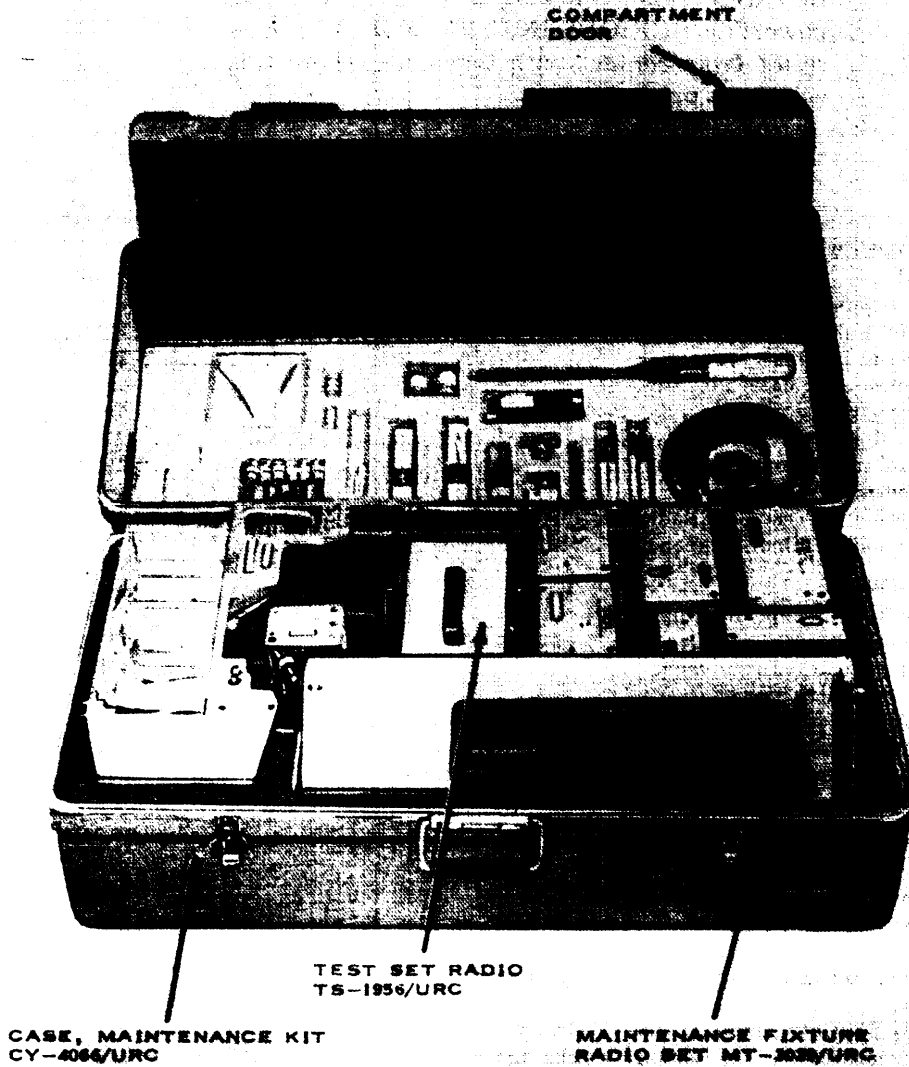
WARNING

Be careful when working with the 115-volt ac powerline. SERIOUS INJURY or DEATH may result from contact with terminals where this voltage is present.

This copy is a reprint which includes current pages from Changes 1 through 3.

		Paragraph	Page
CHAPTER 1 .	INTRODUCTION		
SECTION I .	General		
	Scope of manual	1-1	3
	Index of publications	1-2	3
	Forms and records	1-3	3
II .	Description and data		
	Purpose and use	1-4	3
	Technical characteristics	1-5	4
	Table of components	1-6	4
	Common names o..	1-7	5
	Description of Test Set, RadioTS-1956/URC	1-8	5
	Description of minor components	1-9	6
CHAPTER 2 .	OPERATION		
SECTION I .	Service upon receipt of equipment		
	Unpacking	2-1	12
	Checking unpacked equipment	2-2	12
II .	Operating instructions		
	Controls, indicators; and connectors	2-3	13
	Bench test procedures	2-4	15
	Preliminary starting procedures for function test set	2-5	15
	Stopping procedures for function test set	2-6	16
CHAPTER 3 .	MAINTENANCE INSTRUCTIONS		
	Scope of maintenance	3-1	17
	Tools and materials required for maintenance	3-2	17
	Preventive maintenance	3-3	17
	Daily preventive maintenance checks and services	3-4	17
	Daily preventive maintenance checks and services chart	3-5	18
	Cleaning	3-6	18
	Monthly preventive maintenance checks and services	3-7	18
	Monthly preventive maintenance checks and services chart	3-8	18
	Preservation	3-9	19
	Quarterly preventive maintenance checks and services	3-10	19
	Quarterly preventive maintenance checks and services chart	3-11	19

	Paragraph	Page
CHAPTER 4. SHIPMENT, LIMITED STORAGE, AND DEMOLITION TO PREVENT ENEMY USE		
SECTION I. Shipment and limited storage		
Disassembly of equipment	4-1	20
Repackaging for shipment and limited storage	4-2	20
SECTION II. Demolition of materiel to prevent enemy use		
Authority for demolition	4-3	20
Methods of destruction	4-4	20
APPENDIX I. REFERENCES		22
II. MAINTENANCE ALLOCATION		23
III. BASIC ISSUE ITEMS LIST		27



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Figure 1-1. Maintenance Kit, Electronic Equipment MK-722/URC.

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope of Manual

This manual describes Maintenance Kit, Electronic Equipment MK-722/URC (fig. 1-1) and covers its operation and organizational maintenance. The maintenance includes preventive maintenance checks and services, cleaning, and inspection of the equipment.

1-2. Index of Publications

Refer to the latest issue of DA Pamphlet 310-4 to determine whether there are new editions, changes, or additional publications pertaining to the equipment. Department of the Army Pamphlet No. 310-4 is an index of current technical manuals, technical bulletins, supply manuals (types 4, 6, 7, 8, and 9), supply catalogs (type CL), supply bulletins, lubrication orders, and modification work orders that are available through publications supply channels. The index lists the individual parts (-10, -20, -35P, etc) and the latest changes to and revisions of each equipment publication.

1-3. Forms and Records

a. Reports of Maintenance and Unsatisfac-

tory Equipment. Use equipment forms and records in accordance with instructions in TM 38-750.

b. Report of Damaged or Improper Shipment. Fill out and forward DD Form 6 (Report of Damaged or Improper Shipment), as prescribed in AR 700-58, NAVSANDA Publication 378 (Navy), and AFR 71-4 (Air Force).

c. Reporting Equipment Manual Improvements. The direct reporting, by the individual user, of errors, omissions, and recommendations for improving this equipment manual is authorized and encouraged. DA Form 2028 will be used for reporting these improvements. This form may be completed by the use of pencil, pen, or typewriter. DA Form 2028 will be completed in triplicate and forwarded by the individual using the manual. The original and one copy will be forwarded direct to: Commanding General, U. S. Army Electronics Command, ATTN: AMSEL-MR-MA, Fort Monmouth, New Jersey 07703. One information copy will be furnished to the individual's immediate supervisor (officer, noncommissioned officer, supervisor, etc).

Section II. DESCRIPTION AND DATA

1-4. Purpose and Use

a. Purpose. Maintenance Kit, Electronic Equipment MK-722/URC (fig. 1-1) (Collins type maintenance kit 678Y-1, function test set 6782-1, and a transit case, which together are designated as a 678Y-3) provides a transportable means of servicing and aligning the modules of Receiver-Transmitter, Radio RT-698/ARC-102 (Collins type 618T-3) by means of module extenders. The module extenders permit the

modules to be operating while they are extended for convenient access and troubleshooting. Test Set, Radio TS-1956/URC (6782-1) is included as part of Maintenance Kit, Electronic Equipment MK-722/URC and acts as an accurate voltage comparator to set critical voltages in the RT-698/ARC-102. It is also used as a variable voltage source with three different source impedances for test purposes.

b. Use. The MK-722/URC is used for bench testing the RT-698/ARC-102.