

**TECHNICAL MANUAL**

**OPERATOR'S, ORGANIZATION,  
DIRECT SUPPORT AND GENERAL  
SUPPORT MAINTENANCE MANUAL  
FPR**

**SIGNAL GENERATOR AN/USM-47  
(NSN 6625-00-445-6917)**

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

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

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**OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT,  
AND GENERAL SUPPORT MAINTENANCE MANUAL  
FOR**

**SIGNAL GENERATOR AN/USM-47  
(NSN 6625-00-445-6917)**

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## SECTION O INTRODUCTION

### O-1. Scope.

This manual describes Signal Generator AN/ USM-47 (Hewlett-Packard Model 626A), and provides instructions for operation and maintenance. The manual includes a components of end item list (COEIL) (app B) and a maintenance allocation chart (MAC) (app D). Repair parts and special tools lists (RPSTL) are included in TM 11-6625-2190-24P. Calibration procedures are contained in TB 9-6625-776-50. The manual applies directly to HF Model 626A signal generators having serial number prefix 1210A- below 01731. For serial numbers prefixed 1202A or lower, see appendix G; for serial numbers 1210A01731 and above, see appendix H.

### O-2. INDEXES OF PUBLICATIONS.

a. *DA Pam 310-4.* Refer to the latest issue of DA Pam 310-4 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

b. *DA Pam 310-7.* Refer to DA Pam 310-7 to determine whether there are modification work orders (MWO's) pertaining to the equipment.

### O-3. FORMS AND RECORDS.

a. *Reports of Maintenance and Unsatisfactory Equipment.* Maintenance forms, records and reports which are to be used by maintenance personnel at all maintenance levels are listed in and prescribed by TM 38-750.

b. *Report of Packaging and Handling Deficiencies.* Fill out and forward DD Form 6 (Packaging Improvement Report) as prescribed in AR 700-58/NAVSUPINST 4030.29/AFR 71-13/MCO P4030.29A and DLAR 4145.8.

c. *Discrepancy in Shipment Report (DISREP) (SF 361).* Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-

38/NAVSUPINST 4610.33BiAFR 75-18, ' MCO P4610.19B and DLAR 4500.15.

### O-4. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR).

EIR's will be prepared using SF 368 (Quality Deficiency Report). Instructions for preparing EIR's are provided in TM 38-750, The Army Maintenance Management System. EIR's should be mailed direct to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. A reply will be furnished direct to you.

### O-5. ADMINISTRATIVE STORAGE.

Administrative storage of equipment issued to and used by Army activities shall be in accordance with TM 740-90-1.

### O-6. DESTRUCTION OF ARMY ELECTRONICS MATERIEL.

Destruction of Army electronics materiel to prevent enemy use shall be in accordance with TM 750-244-2.

### O-7. HAND RECEIPTS.

Hand receipts for Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) items are published in a hand receipt manual, TM 11-6625-2910-14-HR. This manual is published to aid in property accountability and is available through: Commander, US Army Adjutant General Publications Center, ATTN: AGDL-OD, 1655 Woodson Road, St. Louis, MO 63114.

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