

TECHNICAL MANUAL

OPERATOR'S and ORGANIZATIONAL MAINTENANCE MANUAL for

TEST SETS, RADIO TS-1588/AIC AND TS-1588A/AIC
(FSN 6625-00-895-6646)

TECHNICAL MANUAL }
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**Operator's and Organizational
 Maintenance Manual for**

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 (NSN 6625-00-895-6646)**

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*This manual supersedes TM 11-6625-441-12, 15 August 1961, including all changes.

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

a. This manual describes and covers operator and organizational maintenance functions for Test Set, Radio TS-1588/AIC (fig. 1-1) and TS-1588 A/AIC (fig. 1-2). Included are instructions for operation, cleaning, and inspection of the equipment, and replacement of parts available to organizational level maintenance.

b. Official nomenclature and type designations, including the symbol (*), is used to identify all models of the equipment covered by this manual. Therefore, Test Set, Radio TS-1588 (*)/AIC represents Test Set, Radio TS-1588/AIC and TS-1588A/AIC.

1-2. 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.

1-3. 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 (Report of Packaging and Handling Deficiencies) 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 (Army) NAVSUPINST 4610.33B/AFM 75-18/MCO P4610.19C and DLAR 4500.15.

1-4. Destruction of Army Materiel to Prevent Enemy Use

Destruction of Army materiel to prevent enemy use shall be as prescribed in TM 750-244-2.

1-5. Administrative Storage

Administrative storage of Test Sets, Radio TS-1588(*)/AIC is for periods of 1 to 45 days and may be accomplished as follows:

a. *Storage site*. The equipment should be stored in an area specifically marked "Administrative Storage". The area should be covered and protected from the elements.

b. *Maintenance Services*. Prior to storage, perform the next scheduled major preventive maintenance service.

c. *Inspection*. Inspect the equipment for proper operation before storage. Do not store inoperable equipment.

d. *Protection*. Protect the equipment by storing in barrier material (NSN 8135-00-282-0565) along with a dessicant bag (NSN 6850-00-264-6572).

1-6. Calibration

No calibration is authorized at any category of maintenance for this equipment.

1-7. Reporting of Errors

The reporting of errors, omissions, and recommendations for improving this publication by the individual is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forwarded direct to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-MA-Q, Fort Monmouth, NJ 07703.

1-7.1. Reporting Equipment Improvement Recommendations

EIR will be prepared using DA Form 2407 (Maintenance Request). Instructions for preparing EIR's are provided in TM 38-750, the Army Maintenance Management System. EIR's should be mailed directly to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-MA-Q, Fort Monmouth, NJ 07703.

Section II. DESCRIPTION AND DATA

1-8. Purpose and Use

a. *Purpose*. Test Set, Radio TS-1588(*)/AIC (figs. 1-1 and 1-2) contains switches, cables, and connec-

tors to facilitate the interconnection and control of test equipment to bench test all the circuits of Control, Intercommunications Set C-1611D/AIC.