

TECHNICAL MANUAL

**OPERATOR AND ORGANIZATIONAL
MAINTENANCE MANUAL**

TEST SET, RADAR ALTIMETER

MODULE AN I APM-322

**This copy is a reprint which
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Changes 1 and 2**

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Operator's and Organizational Maintenance Manual
TEST SET, RADAR ALTIMETER MODULE AN/APM-322
(NSN 6625-00-437-7312)

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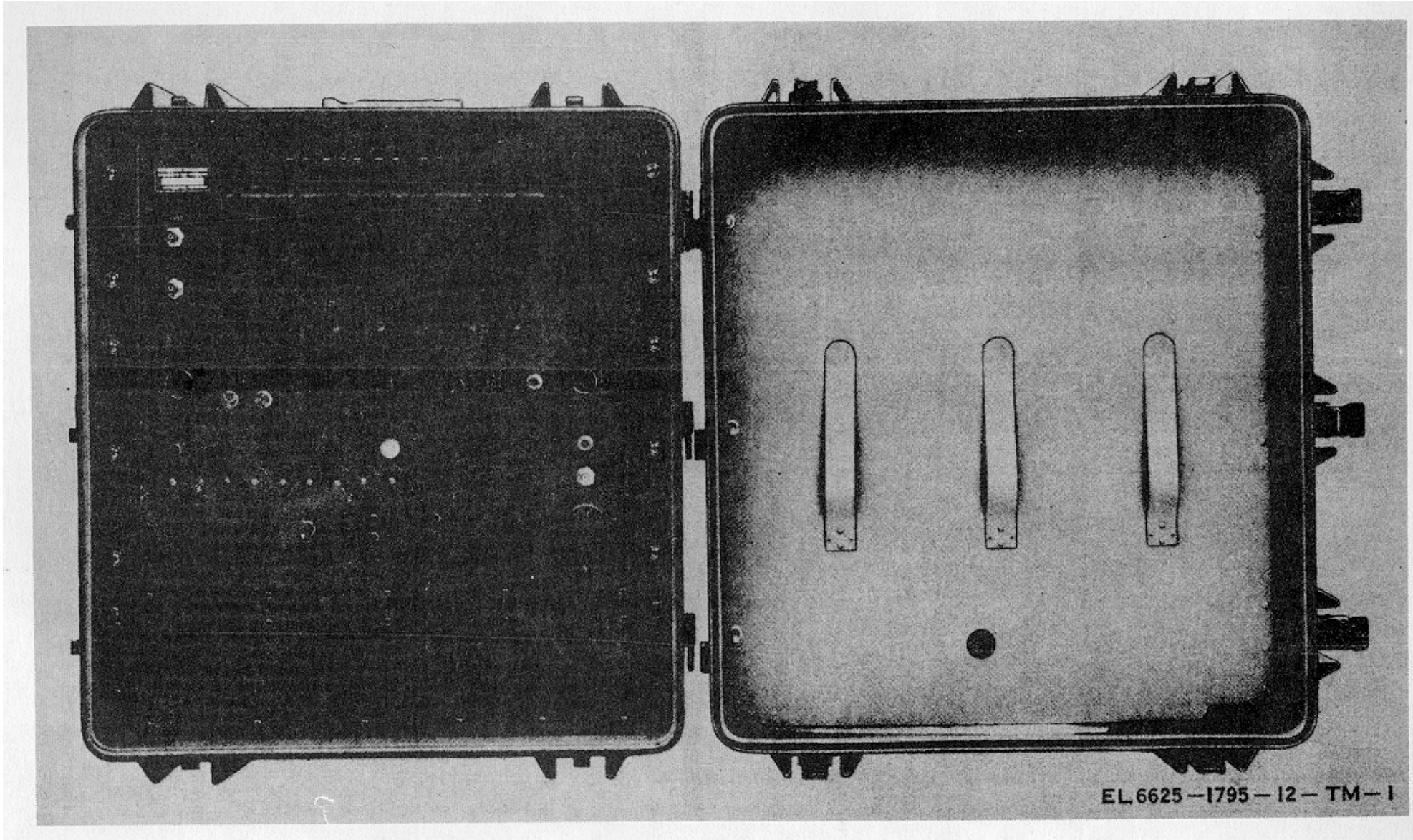


Figure 1-1. Test Set, Radar Altimeter Module AN/APM-322.

CHAPTER 1 INTRODUCTION

Section I.GENERAL

1-1.Scope

a. This manual describes Test Set, Radar Altimeter Module AN/APM-322 (module test set) (figs. 1-1 and 1-2) and covers its installation, operation, and organizational maintenance. Included are instructions for operation under usual and, unusual conditions, cleaning, inspection, troubleshooting, and replacement of assemblies available to the operator and organizational technician. The maintenance allocation chart is included as Appendix B.

NOTE

Appendix B is current as of December 1977.

b. Test Set, Radar Altimeter Module AN/APM- 322 is used with Test Set, Radar Altimeter System AN/APM-323.Operator and organization maintenance instructions for Test Set, Radar Altimeter System AN/APM-323 are contained in TM 11- 6625-1746-12.

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) pertaining to the equipment.

1-3. Forms and Records

a. *Reports of Maintenance and Unsatisfactory Equipment.* Maintenance forms, records, and re- ports 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 4610.33B/AFR 75-18/ MCO P4610.19C and DLAR 4500.15.

1-3.1. Reporting of Errors

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 Blank Forms) and forwarded direct to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-MA-Q, Fort Monmouth, NJ.07703.

1-3.2. Reporting Equipment Improvement Recommendations (EIR)

EIR's 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 direct to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-MA-Q, Fort Monmouth, NJ 07703.A reply will be furnished direct to you.

1-4.Administrative Storage

Administrative storage of equipment issued to and used by Army activities shall be in accordance with paragraph 4-2.

1-4.1. Destruction of Army Electronics Materiel

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