

TECHNICAL MANUAL

**ORGANIZATIONAL, DIRECT SUPPORT, AND
GENERAL SUPPORT MAINTENANCE MANUAL**

TEST SET, FLIGHT LINE

AN/ALM-154

(NSN 6625-00-134-2975)

H E A D Q U A R T E R S , D E P A R T M E N T O F T H E A R M Y

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. In either case, a reply will be furnished direct to you.

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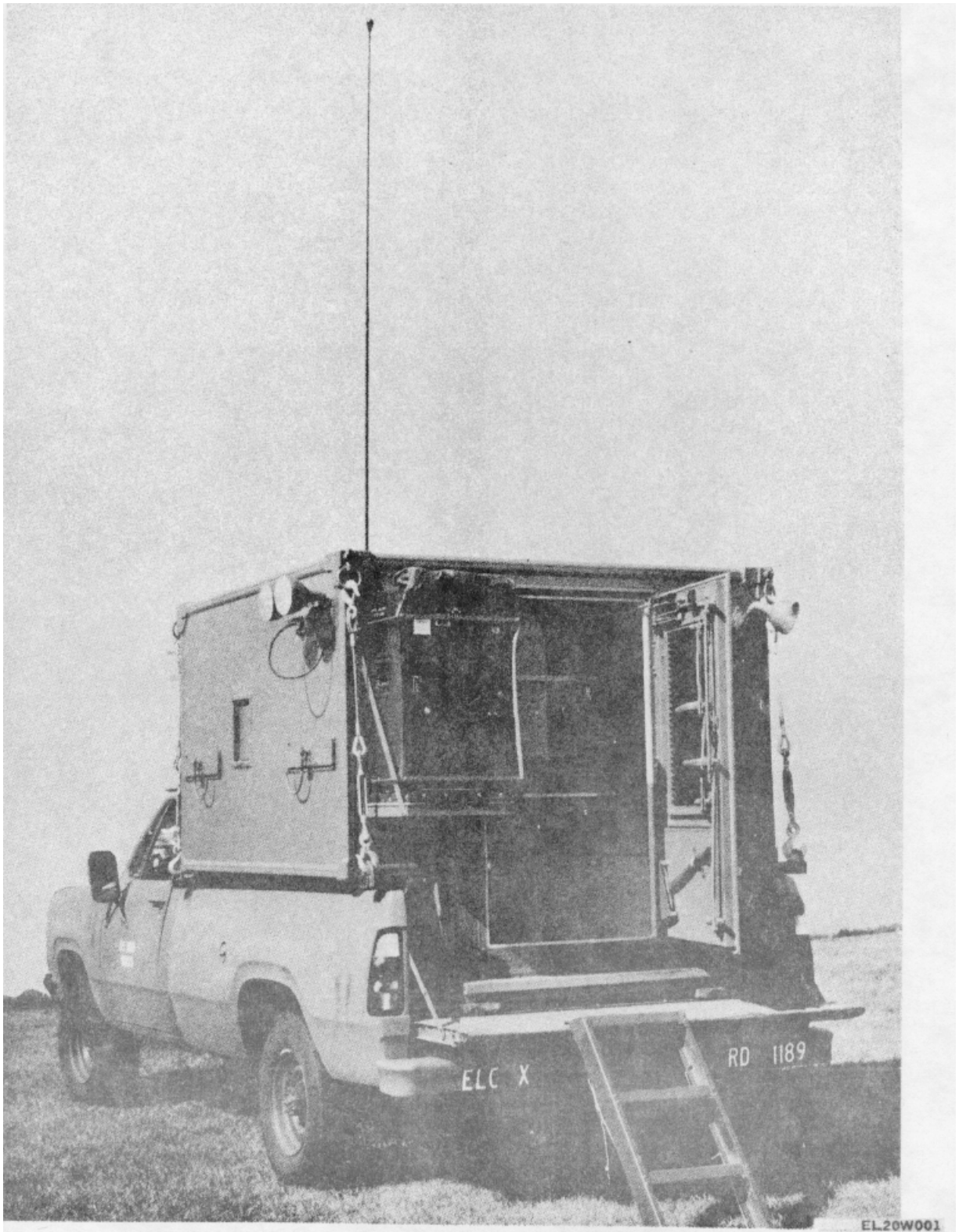


Figure 1-1. Test Set, Flight Line AN/ALM-154.

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

This manual provides a functional description, and organizational, direct support, and general support maintenance instructions for Test Set, Flight Line AN/ALM-154. The manual also includes schematic diagrams, applicable references, and a maintenance allocation chart.

1-2. Maintenance Forms, Records and Reports

a. Reports of Maintenance and Unsatisfactory Equipment. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System.

b. Report of Packaging and Handling Deficiencies. Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2/DLAR 4140.55/NAVMATINST 4355.73/AFR 400-54/MCO 4430.3E.

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 75-181 MCO ,4610.19C/DLAR 4500.15.

1-3. Index of Technical Publications**1-8. Description**

Refer to Chapter 1 of TM 11-5895-955-10-1, Operator's Manual for Receiving Set, Countermeasures AN/ALQ-133, Simulator Set AN/USM-393, and Test Set, Flight Line AN/ALM-154, for purpose and use of the equipment, items comprising an operable equipment, the equipment description, and illustrations of the flight line test set. Refer to TM 11-5895-955-10-2 for classified information related to the flight line test set.

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.

1-4. Destruction of Army Electronics Materiel

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

1-5. Administrative Storage

Administrative storage requirements are described in TM 740-90-1.

1-6. Reporting Equipment Improvement Recommendations (EIR)

If your Test Set, Flight Line AN/ALM-154 need improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design. Tell us why a procedure is hard to perform. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. We'll send you a reply.

1-7. References

Equipment publications pertinent to the operation (use) of the equipment covered in this manual are listed in Appendix A, References.

Section II. DESCRIPTION AND DATA

1-9. Tabulated Data

Refer to Chapter 1 of TM 11-5895-955-10-1 for tabulated data for the flight line test set.

1-10. Physical Configuration

The operating equipment of Test Set, Flight Line AN/ALM-154 is mounted in a modified S-250/G shelter which normally mounts in, and is transported by, a 1 /4-ton M-885 Cargo Truck. The S-250G shelter and the M-885 cargo truck are covered in separate technical publications, TB 750-240 and TM 9-2320-266-12, respectively.