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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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OPERATOR'S AND ORGANIZATIONAL  
MAINTENANCE MANUAL  
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS

TEST SET, RESOLUTION AN/AAM-30;  
CABLE ASSEMBLY SET, ELECTRICAL MX-8408/AAS-24;  
MAINTENANCE KIT, ELECTRONIC EQUIPMENT MK-1172/AAS-24;  
FIXTURE, ALIGNMENT MX-8409/AAS-24

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

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HEADQUARTERS, DEPARTMENT OF THE ARMY  
DECEMBER 1970

## TECHNICAL MANUAL

No. TM 11-6625-1732-12 }

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, DC, 22 December 1970

**Operator's and Organizational Maintenance Manual  
Including Repair Parts and Special Tools Lists**

**TEST SET, RESOLUTION AN/AAM-30 (NSN 6625-00-433-2405);  
CABLE ASSEMBLY SET, ELECTRICAL MX-8408/AAS-24  
(NSN 6625-00-489-0468);  
MAINTENANCE KIT, ELECTRONIC EQUIPMENT MK-1172/AAS-24  
(NSN 5850-00-434-5539);  
FIXTURE ALIGNMENT MX-8409/AAS-24 (NSN 6625-00-489-2673)**

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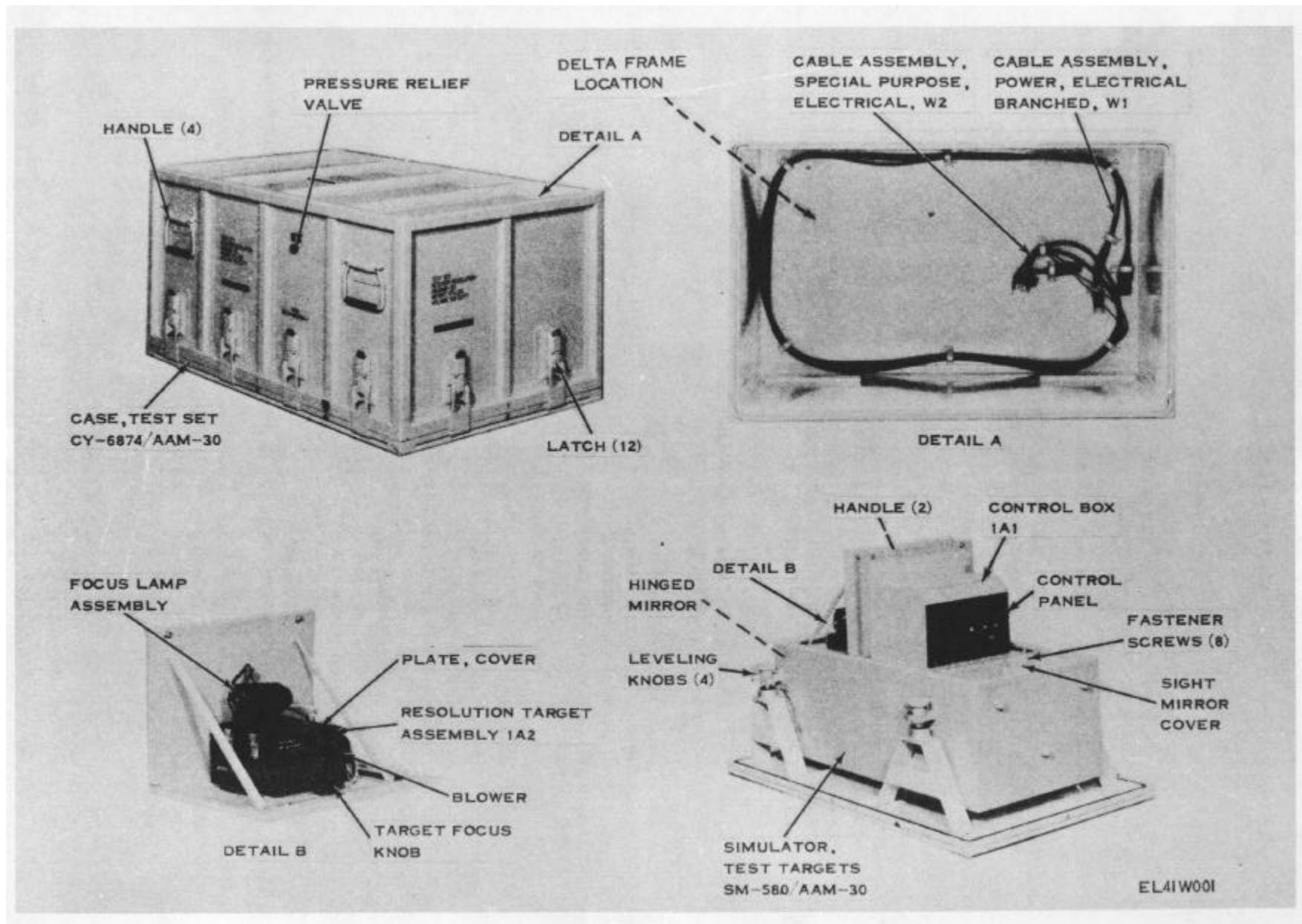


Figure 1-1 (1). Test Set, Resolution AN/AAM-30, (unit 1) components (part 1 of 2).

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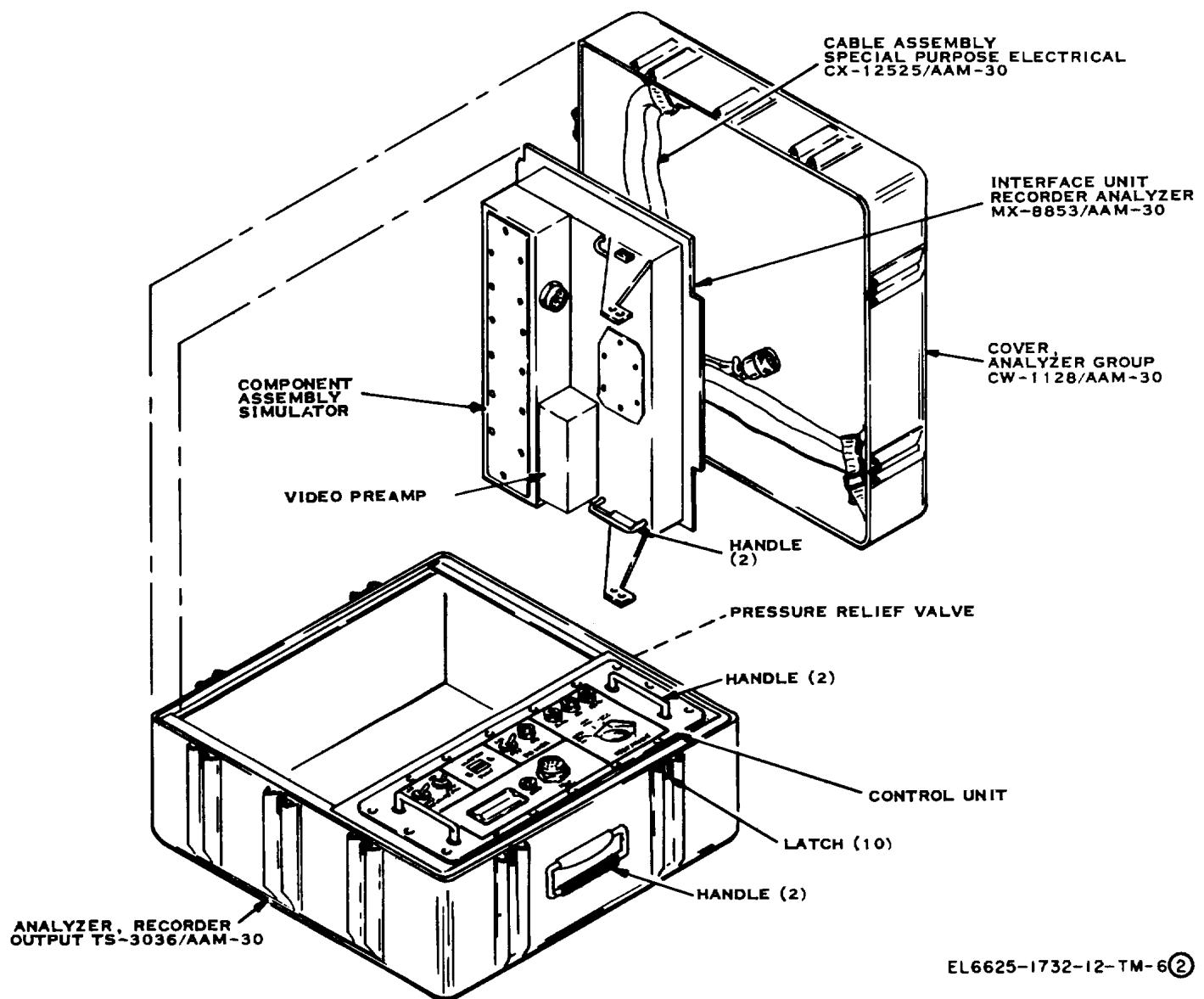


Figure 1-1 (2). Test Set, Resolution, AN/AAM-30, (unit 2) components (part a of 2).

1-0.1

## CHAPTER 1 INTRODUCTION

### Section I. GENERAL

#### **1-1. Scope of Manual**

- a. This manual describes the following equipment:
  - (1) Test Set, Resolution AN/AAM-30 (resolution test set).
  - (2) Cable Assembly Set, Electrical MX-8408/AAS-24 (cable assembly set).
  - (3) Maintenance Kit, Electronic Equipment MK-1172/AAS-24 (maintenance kit).
  - (4) Fixture, Alignment MX-8409/AAS-24 (alignment fixture).

b. The manual covers installation, operation, operator and organizational maintenance as required. Instructions are provided for operation under usual and unusual conditions, preventive and periodic maintenance services, and replacement of parts available to the organizational repairmen.

c. Instructions for use of these items of equipment to test components of Detecting Set, Infrared AN/AAS-24 are contained in TM 11-5850-241-12 and TM 11-5850-241-34/1.

d. Appendix A contains references; appendix B contains the basic issue items and items troop installed or authorized list; appendix C contains the maintenance allocation charts, and appendix D contains the organizational repair parts and special tools lists.

#### **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 pre scribed 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 70058/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**

Report 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 Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, New Jersey 07703.

#### **1-3.2. Reporting Equipment Improvement Recommendations**

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 Electronics Command, ATTN: DRSEL-MA-Q, Fort Monmouth, New Jersey 07703. A reply will be furnished direct to you.

#### **1-3.3. Administrative Storage**

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

#### **1-3.4. Destruction of Army Electronics Materiel**

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