

# TM 11-6625-820-12

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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ORGANIZATIONAL MAINTENANCE MANUAL

TEST SET, RADIO

AN/ARM-92



HEADQUARTERS, DEPARTMENT OF THE ARMY  
23 FEBRUARY 1966

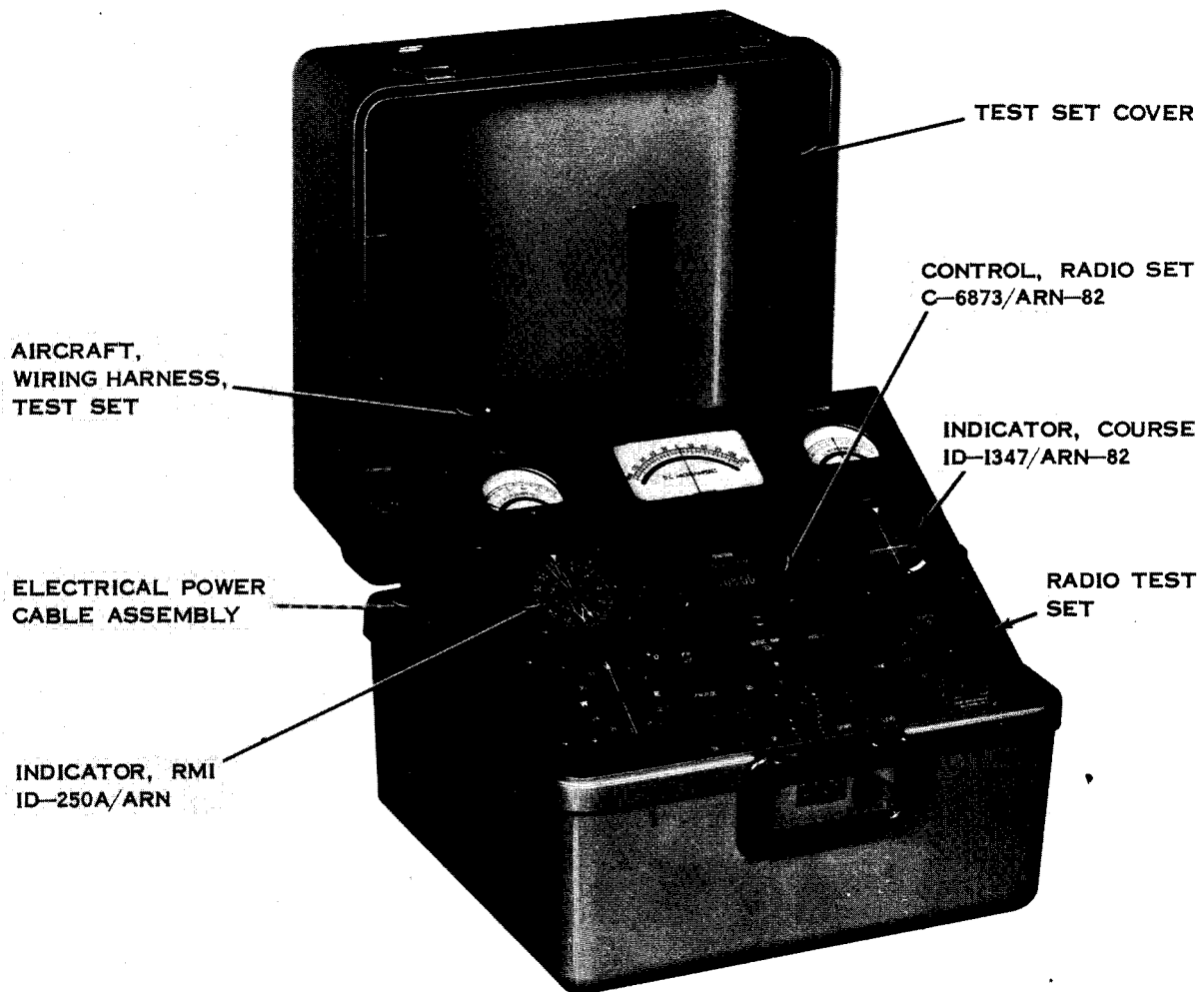
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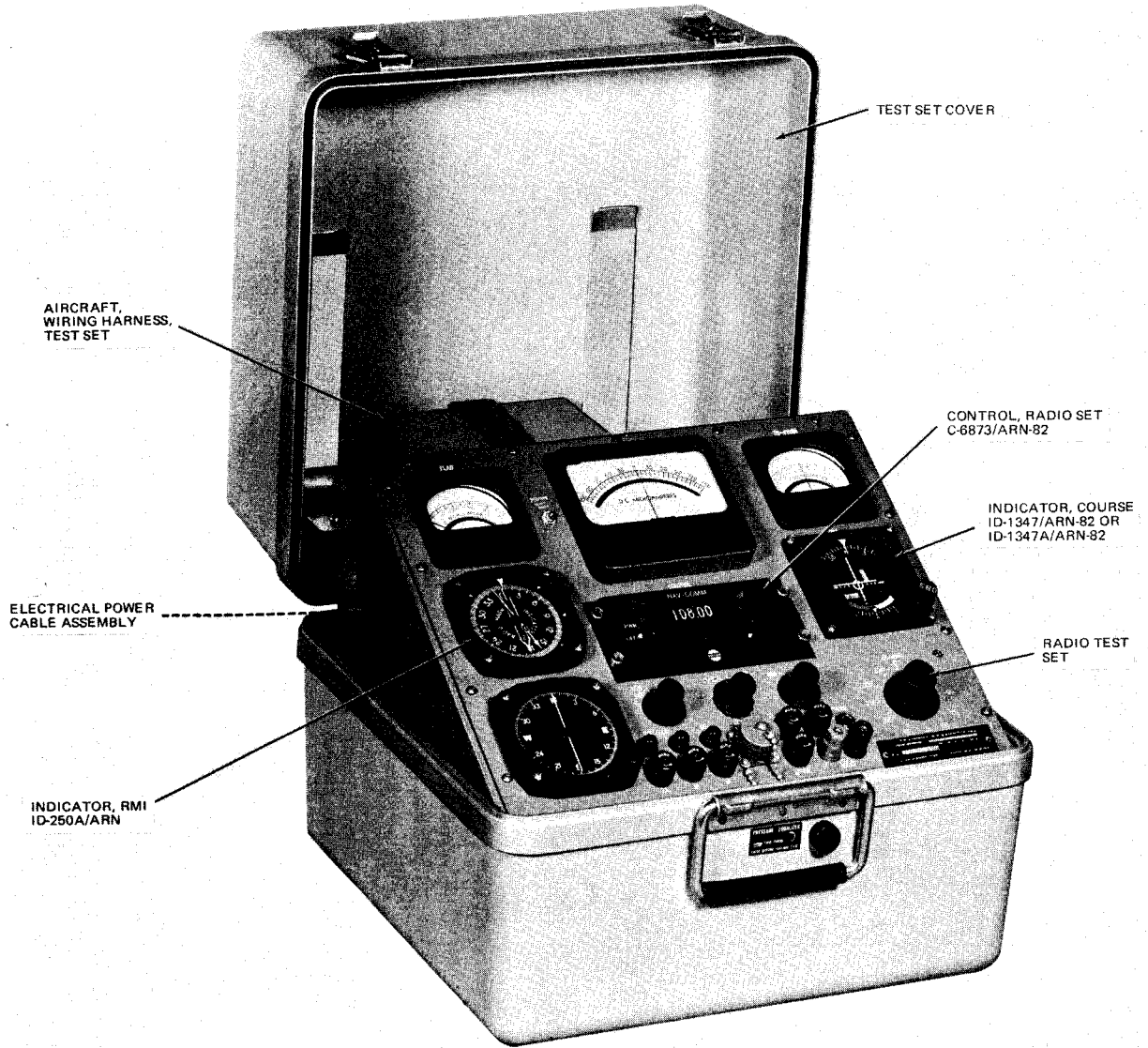
TEST SETS, RADIO AN/ARM-92 AND AN/ARM-92A

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Figure 1-1. Test Set. Radio AN/ARM-92.



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Figure 1-1.1. Test Set, Radio AN/ARM-92A.

# CHAPTER 1

## INTRODUCTION

### Section I. GENERAL

#### 1-1. Scope

This manual describes Test Sets, Radio AN/ARM-92 (fig. 1-1) and AN/ARM-92A (fig. 1-1.1). The manual includes operation, cleaning and inspection of the equipment, and replacement of parts available to organizational level maintenance.

#### 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.* Use equipment forms and records in accordance with instructions given in 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 (Army), NAVSUP Publication 378 (Navy), AFR 71-4 (Air Force), and MCO P4610-5 (Marine Corps).

*c. Discrepancy in Shipment Report (DISREP) (SF361).* Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-38 (Army), NAVSUP Publication 459 (Navy), AFM 75-34 (Air Force), and MCO P4610.10 (Marine Corps).

*d. Report of Equipment Manual Improvements.* 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 forwarded direct to Commanding General, U.S. Army Electronics Command, ATTN: AMSEL-ME-NMP-AN, Fort Monmouth, N. J., 07703.

### Section II. DESCRIPTION AND DATA

#### 1-4. Purpose and Use

*a. Purpose.* Test Sets, Radio AN/ARM-92 (fig. 1-1) and AN/ARM-92A (fig. 1-1.1) are portable and are comprised of two major units which are the Test Set, Radio TS-2500/ARM-92 or TS-2500A/ARM-92 and Test Set, Wiring Harness, Aircraft TS-2501/ARM-92. The purposes and uses are as follows.

- (1) Test Set, Radio TS-2500/ARM-92 plus the components listed in paragraph 1-6 form Test Set, Radio AN/ARM-92. Test Set, Radio TS-2500/ARM-92 is used with the equipment listed in paragraph 1-11 to test, troubleshoot, and align Radio Receiving Set AN/ARN-82. Power, interconnections, and simulated input signals required by Radio Receiving Set AN/ARN-82 are provided by Test Set, Radio TS-2500/ARM-92. Test Set, Radio TS-2500/ARM-92 also has the

capability of testing a glideslope receiver.

- (2) Test Set, Radio TS-2500A/ARM-92 plus the components listed in paragraph 1-6.1 form Test Set, Radio AN/ARM-92A. Test Set, Radio TS-2500A/ARM-92 is used with the equipment listed in paragraph 1-11 to test, troubleshoot, and align Radio Receiving Sets AN/ARN-82 and AN/ARN-82A. Power, interconnections, and simulated input signals required by Radio Receiving Sets AN/ARN-82 and AN/ARN-82A are provided by Test Set, Radio TS-2500A/ARM-92A. Test Set, Radio TS-2500A/ARM-92 also has the capability of testing a glideslope receiver.
- (3) Test Set, Wiring Harness, Aircraft TS-2501/ARM-92 provides accurate test signals to check the meters and audio circuits in Test