

TECHNICAL MANUAL

**OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT, AND
GENERAL SUPPORT MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)**

RADIO

TEST SET

AN/PRM-32

HEADQUARTERS, DEPARTMENT OF THE ARMY

DECEMBER 1973

**Operator's, Organizational, Direct Support, and General Support
Maintenance Manual Including Repair Parts and Special Tools List
(Including Depot Maintenance Repair Parts and Special Tools)**

RADIO TEST SET AN/PRM-32

Current as of 10 September 1973

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

a. This manual covers operation, organizational, and general support maintenance of Radio Test Set AN/PRM-32 (fig. 1-1). The manual includes instructions for operating, organizational maintenance, testing and

servicing procedures, and general support maintenance and repair of Radio Test Set AN/PRM-32 (test set).

b. The maintenance allocation chart (MAC) appears in appendix B; the repair parts list appears in appendix C.

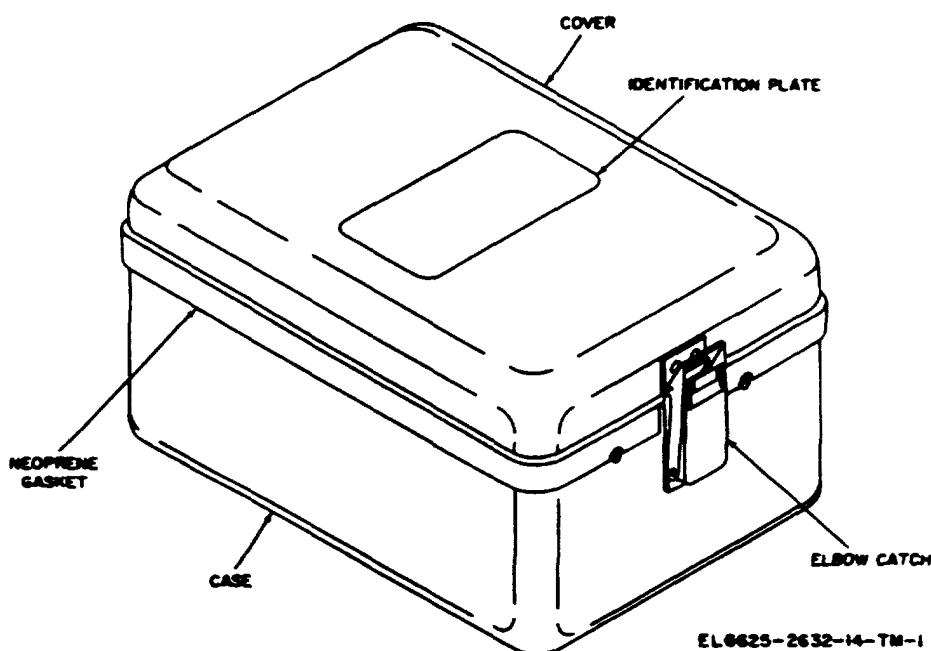


Figure 1-1. Radio Test Set AN/PRM-32 with cover closed.

1-2. Forms and Records

a. *Report 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 (Army)/NAVSUP PUB 378 (Navy)/AFR 71-4 (Air Force) and MCO P4030.29 (Marine Corps).

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)/NAVSUP PUB 459 (Navy)/AFM 75-34 (Air Force) and MCO P4610.19 (Marine Corps).

1-3. Destruction of Army Materiel to Prevent Enemy Use

Requirements for destruction will be those prescribed in TM 750-244-2.

1-4. Administrative Storage

Requirements and procedures for administrative storage will be those prescribed in TM 740-90-1.

1-5. Calibration

Radio Test Set AN/PRM-32 is simple to use but must be properly calibrated. Calibration is performed at general support maintenance, as prescribed in TB 750-236.

1-6. Reporting of Equipment Publication Improvements

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 forwarded direct to Commander, U.S. Army Electronics Command, ATTN: AMSEL-MA-AC, Fort Monmouth, NJ 07703.

Section II. DESCRIPTION AND DATA

1-7. Purpose and Use

Radio Test Set AN/PRM-32 is the primary piece of test equipment used to check out Radio Set AN/PRC-90 at organizational maintenance. Two cable assemblies (transmitter cable and receiver cable) (fig. 1-2) are provided for attachment of the test set to the radio sets being tested. One radio set under test serves as a

transmitter and the other as a receiver. The test set serves as a fully-shielded test path between the two radios. There is no interference with operating channels during testing. Indications on the meter of the test set show the operating condition of the radio sets under test.

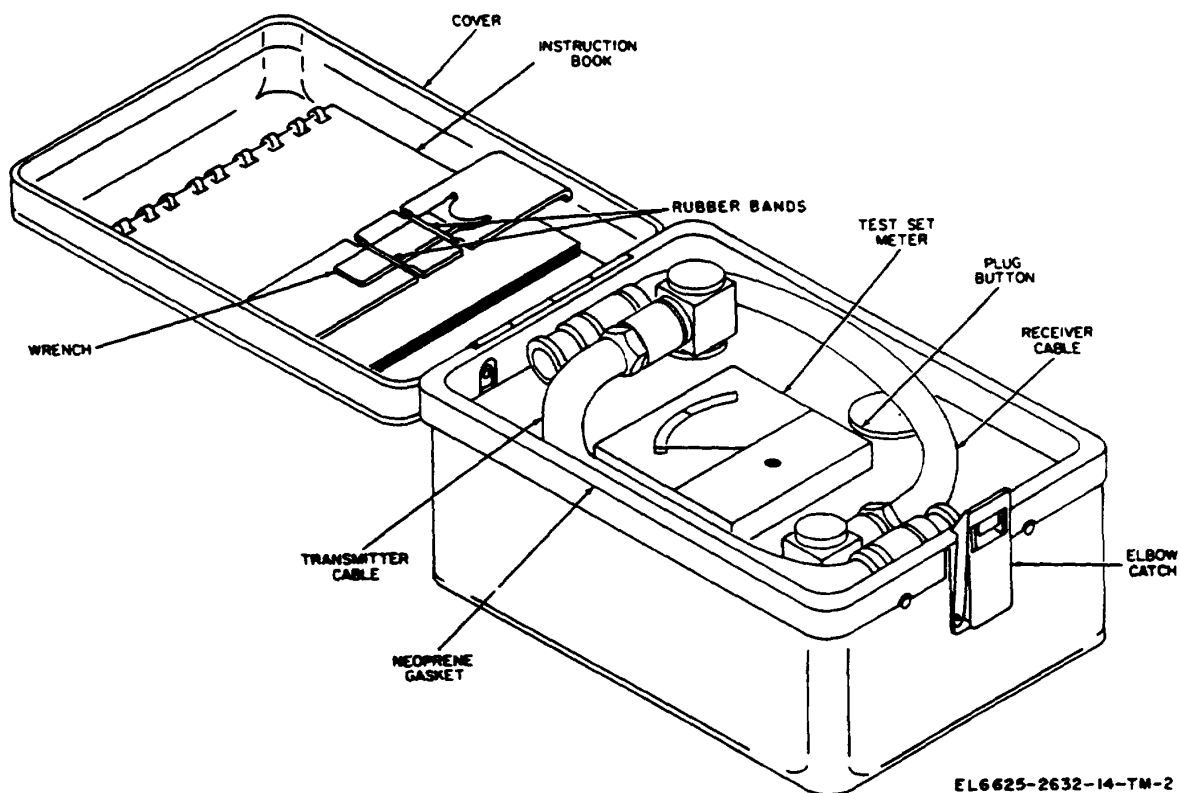


Figure 1-2. Radio Test Set AN/PRM-32 with cover open