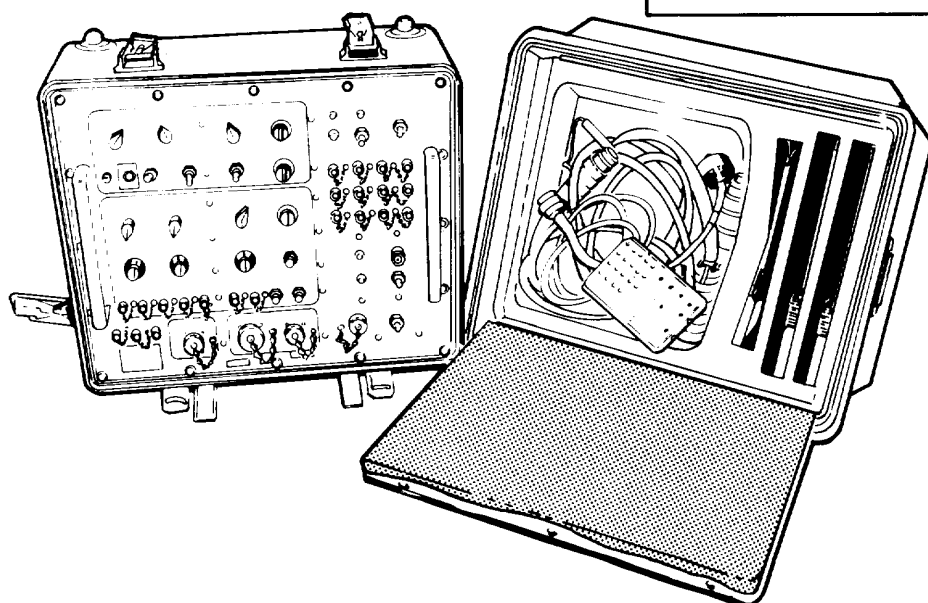


**TECHNICAL MANUAL  
OPERATOR'S,  
ORGANIZATIONAL,  
AND DIRECT SUPPORT  
MAINTENANCE  
RADAR PROCESSOR  
INTERFACE TEST SET  
TS-2973A/APS-94D**

**(NSN 6625-01-085-4343)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY WASHINGTON, D.C.**

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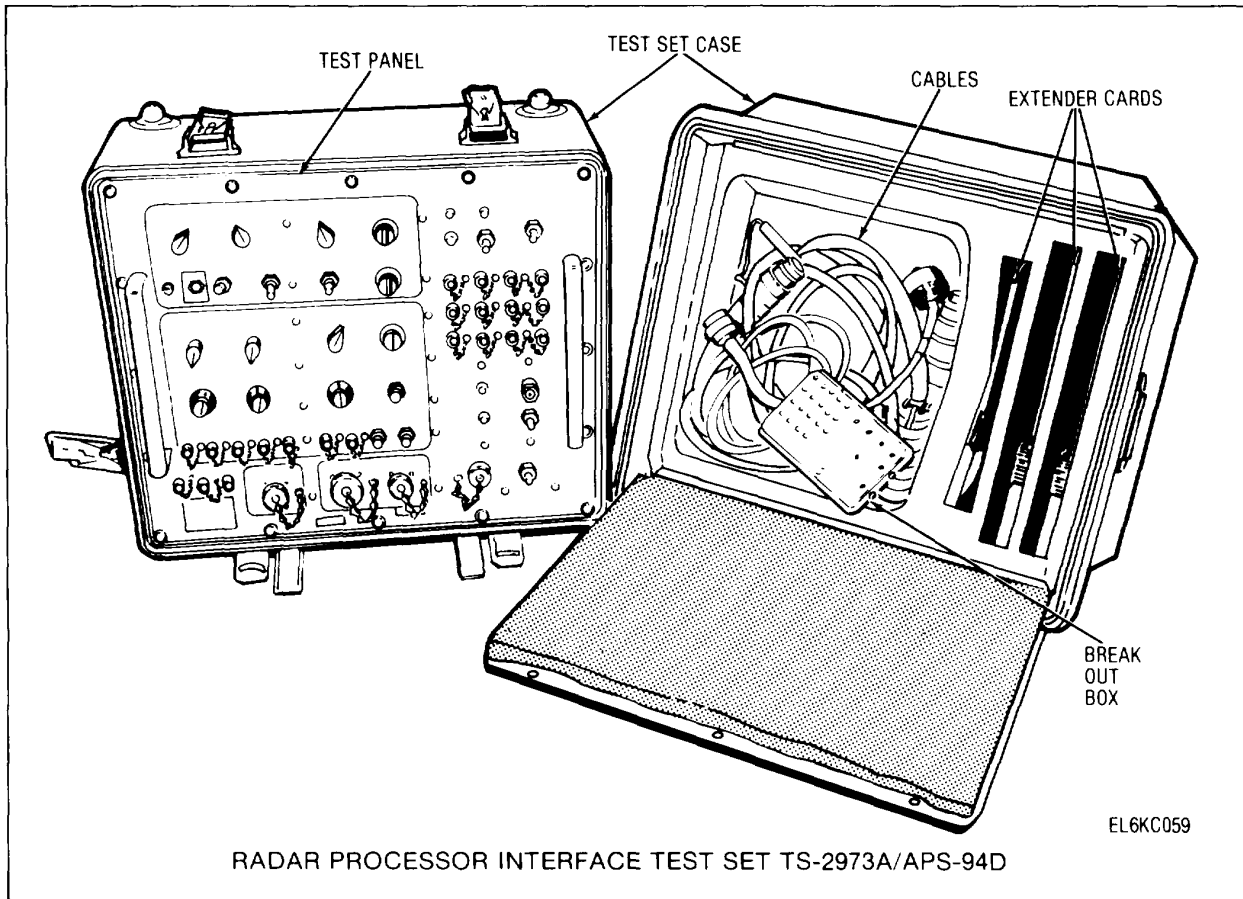
**OPERATOR'S, ORGANIZATIONAL, AND DIRECT SUPPORT  
MAINTENANCE MANUAL  
RADAR PROCESSOR INTERFACE TEST SET  
TS-2973A/APS-94D**

**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, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. A reply will be furnished to you.

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**CHAPTER 1  
INTRODUCTION**

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**CHAPTER OVERVIEW**

This chapter introduces the manual, gives information about Army procedures, and describes the equipment. The Chapter Index above will help you identify and locate information.

**Section I. GENERAL INFORMATION**

**1-1. SCOPE**

Type of Manual:       Operator's, Organizational, and Direct Support Maintenance

Model Number and Equipment Name:       Radar Processor Interface Test Set TS-2973A/APS-94D.

Purpose of Equipment: Tests Radar Signal Processor CM-374/APS-94D, a component of Radar Surveillance Set AN/APS-94E, and Radar Signal Processor CM-481/APS-94F, a component of Radar Surveillance Set AN/APS-94F.

**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 (Army).

*b. Report of Packaging and Handling Discrepancies.* 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) in AR 55-38/NAVSUPINST 4610.33B/AFR 75-18/MCO 4610.19C/DLAR 4500.15.

**1-3. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE**

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