**TECHNICAL MANUAL**

# OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE MANUAL INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS FOR OSCILLOSCOPE, TEKTRONIX MODEL R7704 (NSN 6625-00-007-8487)

**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**8 SEPTEMBER 1980**

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**DEPARTMENT OF THE ARMY**
**WASHINGTON, DC, 8 September 1980**

# OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS) FOR OSCILLOSCOPE, TEKTRONIX MODEL R7704 (NSN 6625-00-007-8487)

**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 back of this manual direct to: Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703.**

**In either case, a reply will be furnished direct to you.**

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This manual is an authentication of the manufacturer's commercial literature which, through usage, has been found to cover the data required to operate and maintain this equipment. Since the manual was not prepared in accordance with military specifications, the format has not been structured to consider levels of maintenance.

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**CHANGE INFORMATION**

Abbreviations and symbols used in this manual are based on or taken directly from IEEE Standard 260 "Standard Symbols for Units", MIL-STD-12B and other standards of the electronics industry.

Change Information, if any, is located at the rear of this manual.

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## SECTION 0
## INTRODUCTION

### 0-1. Scope

This manual contains instructions for the operation and organizational, direct support, and general support maintenance of Oscilloscope, Tektronix Model R7704. Throughout this manual, Oscilloscope, Tektronix Model R7704 is referred to as the R7704.

### 0-2. 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.

### 0-3. 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 DD Form 6 (Packaging Improvement Report) as prescribed in AR 735-11/NAVINST 4440.127E/AFR 400-54/MCO 4430.3E and DSAR 4140.55.

*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.

### 0-4. Reporting Equipment Improvement Recommendations (EIR)

If your R7704 needs 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 and Electronics Materiel Readiness Command, ATT'N: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. We'll send you a reply.

### 0-5. Administrative Storage

To prepare the R7704 for administrative storage, perform the procedures described in Section 4, Maintenance, and Section 5, Performance Check/Calibration. Upon removal from administrative storage, perform the procedures described in Section 5, Performance Check/Calibration, to determine that the equipment is fully operational.

### 0-6. Destruction of Army Electronics Materiel

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

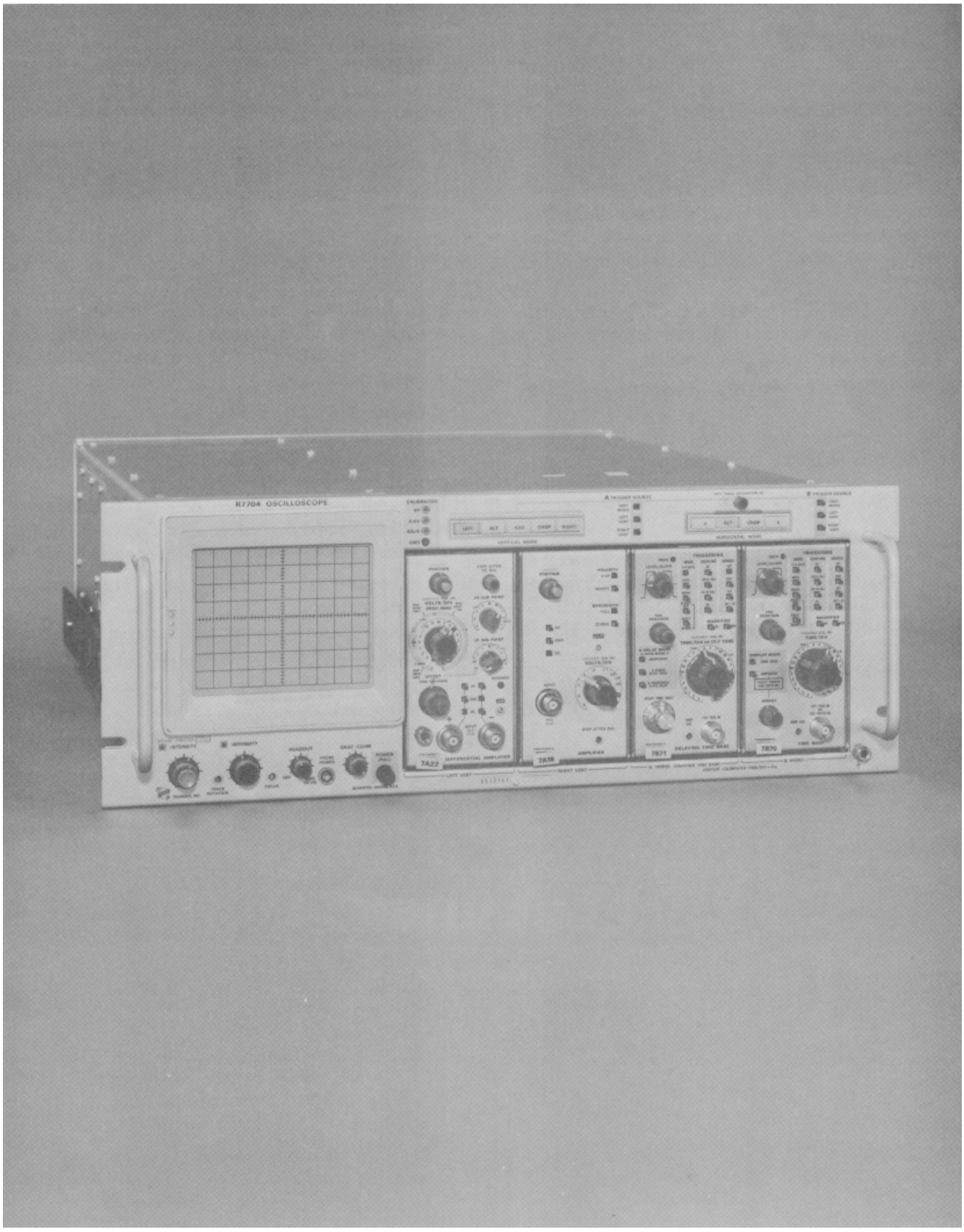


*Fig. 1-1. The R7704 Oscilloscope*