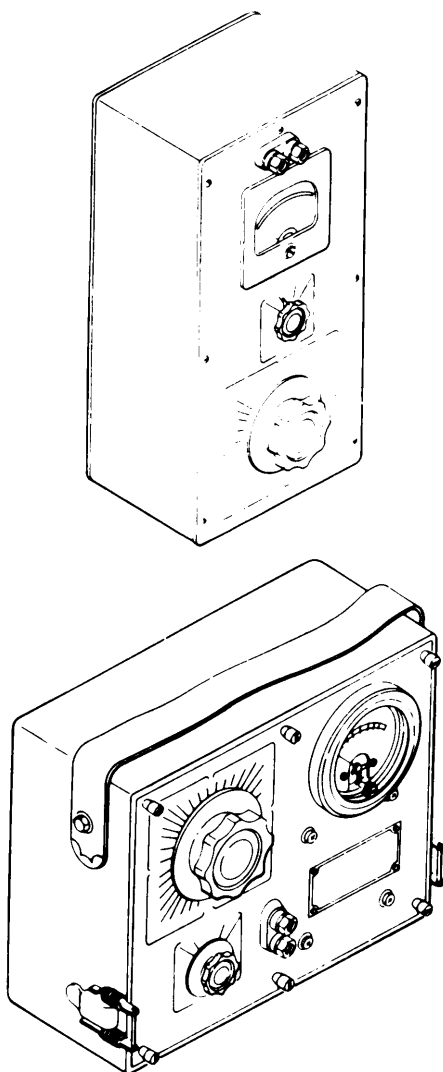


ARMY TM 11-6625-291-14 AIR FORCE TO 33A1-7-23-1

TECHNICAL MANUAL OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE



OPERATING INSTRUCTIONS 2.1

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ORGANIZATIONAL MAINTENANCE
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GENERAL SUPPORT
TROUBLESHOOTING PROCEDURES 6-2

OUTPUT METERS

TS-585A/U (NSN 6625-00-244-0501)
TS-585B/U (NSN 6625-00-244-0501)
TS-585C/U (NSN 6625-00-244-0501)
TS-585D/U (NSN 6625-00-684-5438)

GENERAL SUPPORT
MAINTENANCE PROCEDURES 6-6

DEPARTMENTS OF THE ARMY AND THE AIR FORCE

19 JANUARY 1983

Technical Manual
No. 11-6625-291-14
Technical Order
No. 33 AI-7-23-1

HEADQUARTERS
DEPARTMENTS OF THE ARMY
AND THE AIR FORCE
Washington, DC, 19 January 1983

**OPERATOR'S, ORGANIZATIONAL,
DIRECT SUPPORT, AND GENERAL SUPPORT
MAINTENANCE MANUAL
OUTPUT METERS TS-585A/U (NSN 6625-00-244-0501)
TS-585B/U (NSN 6625-00-244-0501)
TS-585C/U (NSN 6625-00-244-0501)
TS-585D/U (NSN 6625-00-684-5438)**

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 and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, NJ 07703.

For Air Force, submit AFTO Form 22 (Technical Order System Publication improvement Report and Reply) in accordance with paragraph 6-5, Section VI, T.O. 00-5-1. Forward direct to prime ALC/MST.

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

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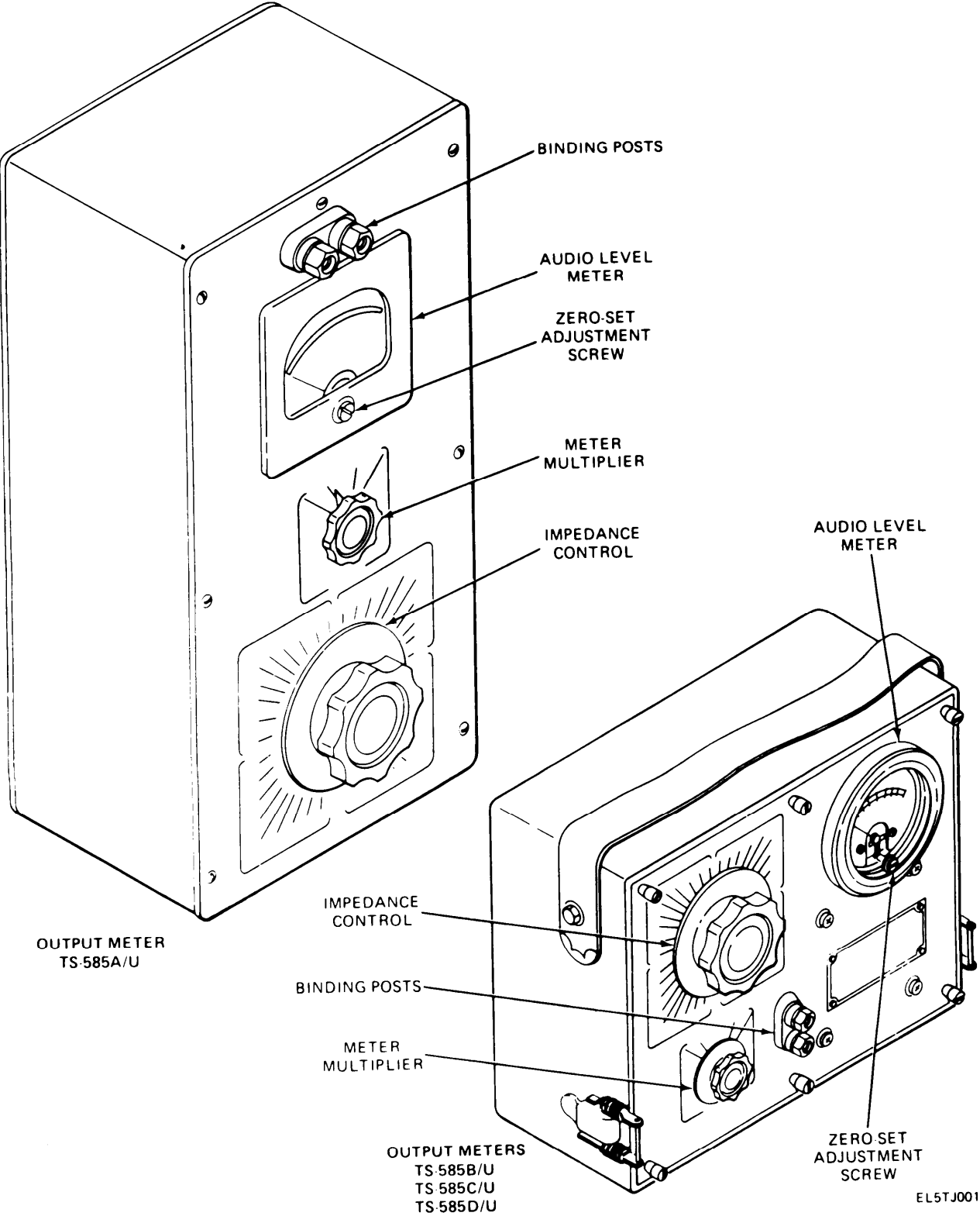
*This manual supersedes TM 11-5017/T033A1-7-23-1, 28 September 1956, including all changes.

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HOW TO USE THIS MANUAL

In this manual, paragraphs are numbered by chapter and the order in which they appear in each chapter. To find the paragraph you need, first locate your subject in the table of contents. Turn to the page shown and read the paragraph headings until you see what you're looking for. Special tools and parts are shown in the rear of this manual as appendixes. Wiring diagrams and schematics are located directly after chapter 6 (General Support Maintenance). If you find a word or term you don't understand, refer to the glossary in the back of this manual.

OUTPUT METERS TS-585A/U, TS-585C/U, AND TS-585D/U



EL5TJ001

CHAPTER 1

INTRODUCTION

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OVERVIEW

This chapter contains general information, equipment descriptions, and principles of operation for Output Meters TS-585A/U, TS-585B/U, TS-585C/U, and TS-585D/U.

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1-1. SCOPE.

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

Equipment Name and Model Number: Output Meter TS-585(*)/U.

Purpose of Equipment: Provides means of measuring output power and characteristic impedance of equipment under test.

1-2. MAINTENANCE FORMS, RECORDS, AND REPORTS.

REPORTS OF MAINTENANCE AND UNSATISFACTORY EQUIPMENT.

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM38-750. The Army Maintenance Management System (TAMMS) (Army). Air Force personnel will use AFR 66-1 for maintenance reporting and TO-00-35D54 for unsatisfactory equipment reporting.

REPORT OF PACKAGING AND HANDLING DEFICIENCIES.

Fill out and forward SF364 (Report of Discrepancy (ROD)) as prescribed in AR735-II-2/DLAR 4140.55/NAV-MATINST 4355.73/AFR 400-54/MCO4430.3E.

1-2. MAINTENANCE FORMS, RECORDS, AND REPORTS. (CONT)

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/DLAR 4500.15.

1-3. DESTRUCTION OF ARMY ELECTRONICS MATERIEL.

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

1-4. ADMINISTRATIVE STORAGE.

Administrative storage of equipment issued to and used by Army activities will have preventive maintenance performed in accordance with the PMCS charts before storing. When removing the equipment from administrative storage, the PMCS should be performed to ensure operational readiness. To store, place unit in a box, surrounding it with protective packing. Store indoors, protecting unit from humidity and extremes in temperature. See chapter 4, section VI for packing procedure.

1.5. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR).

a. Army. If your output meters need 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. Put it on an SF 368 (Quality Deficiency Report), Mail it to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703. A reply will be sent to you.

b. Air Force. Air Force personnel are encouraged to submit EIR's in accordance with AFR 900-4.

1-6. NOMENCLATURE CROSS REFERENCE.

This list contains common names used throughout this manual in place of official nomenclature.

Common Name	Official Nomenclature
Output meter	Output Meter TS-585A/U, TS-585B/U TS-585C/U or TS-585D/U
Allen wrench	Key, hex socket screw
Test set	Capacitance-Inductance Resistance Test Set
Axial resistor	Resistor, Fixed, Composition
Radial resistor	Resistor, Fixed, Wire Wound
Meter	Meter, Audio Level
