

TECHNICAL MANUAL

**GENERAL SUPPORT
MAINTENANCE MANUAL**

EQUIPMENT DATA PAGE 1-3
PERFORMANCE TESTS PAGE 2-1
TROUBLESHOOTING PAGE 2-34
ALINEMENT PAGE 2-39
MAINTENANCE PAGE 2-59

**TEST SET, RECEIVER
AN/ARM-186
(NSN 6625-00-557-1168)**

Technical Manual

No. 11-6625-2976-40

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 9 July 1985

General Support
Maintenance Manual

TEST SET, RECEIVER
AN/ARM-186
(NSN 6625-00-557-1168)

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 202&2 located in the back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-ME-MP, Fort Monmouth, New Jersey 07703-5007. A reply will be furnished direct to you.

	Page
HOW TO USE THIS MANUAL.....	i i
CHAPTER 1 INTRODUCTION	1-1
Section I General Information	1-1
II Equipment Description and Data.....	1-3
III Principles of Operation.....	1-5
CHAPTER 2 MAINTENANCE	2-1
Section I Repair Parts, Special Tools, TMDE, and Support Equipment.....	2-1
II Performance Test Procedures	2-1
III Troubleshooting	2-34
IV Alinement Procedures.....	2-39
V Maintenance Procedures	2-59
APPENDIX A REFERENCES	A-1
B EXPENDABLE SUPPLIES AND MATERIALS LIST.....	B-1
GLOSSARY 	Glossary 1
INDEX 	Index 1
FOLDOUTS 	Located in back of manual

* This manual together with TM 11-6625-2976-12, 17 September 1984, and TM 11-6625-2976-24P, 26 July 1984, supersedes TM 11-6625-2976-14&P, 20 January 1981.

HOW TO USE THIS MANUAL

This manual is designed to help you maintain Test Set, Receiver AN/ARM-186. Maintenance of the test set is limited to procedures that do not require it to operate as part of a specific communications system.

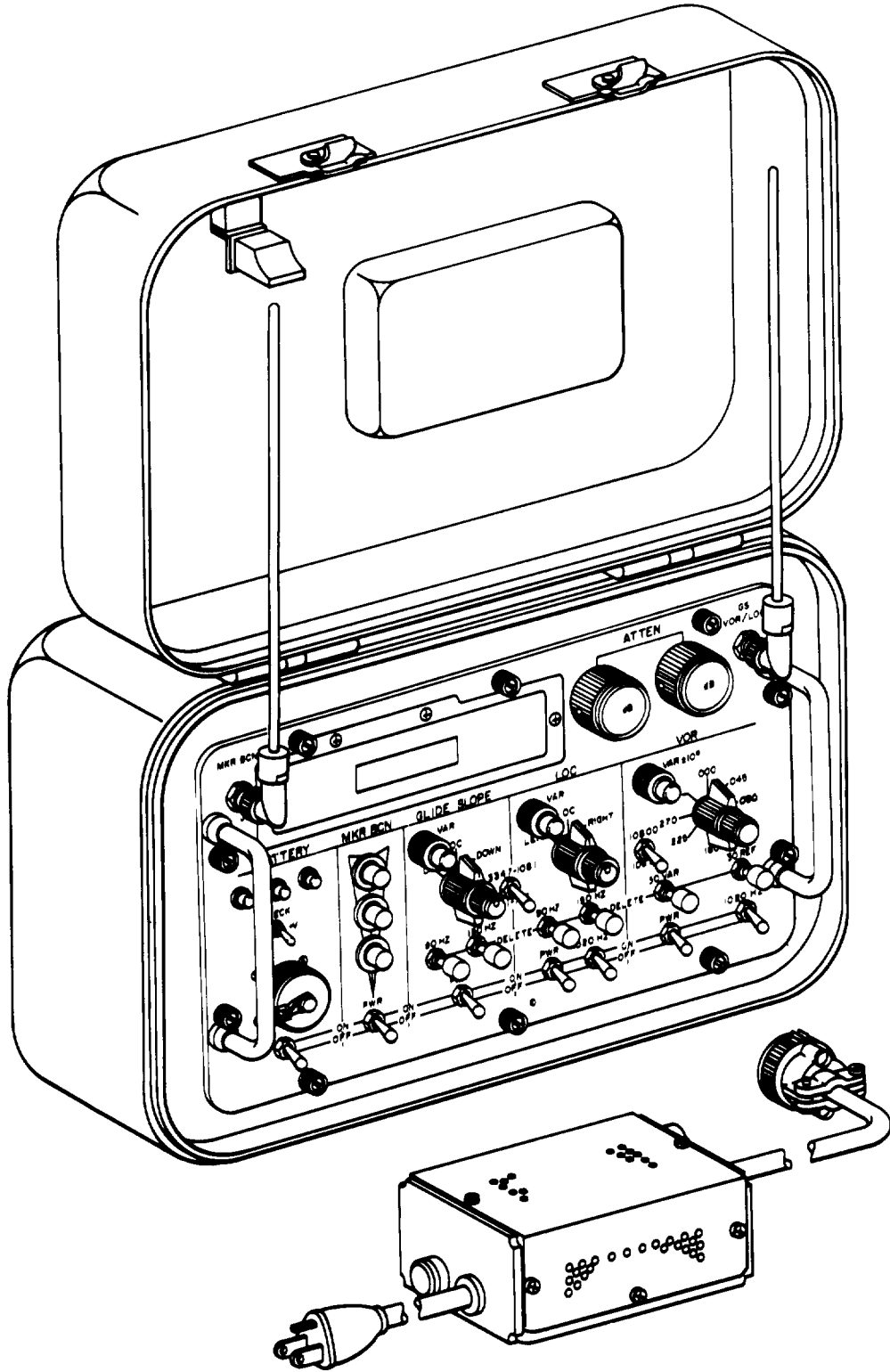
The boxed entries on the front cover are provided for quick reference to important information. There is also an alphabetical index in the rear of the book to help locate specific information.

Measurements in this manual are given in both US standard and metric units.

Read all preliminary information found at the beginning of each procedure. It contains important information which must be followed to perform tasks correctly.

Warning pages are located in the front of this manual. You should learn the warnings before doing maintenance on the equipment.

Paragraphs in this manual are numbered by chapter and order of appearance within a chapter. A subject index appears at the beginning of each chapter, breaking the chapter into sections. A more specific subject index is located at the beginning of each section to help you find the exact paragraph you are looking for.



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TEST SET, RECEIVER AN/ARM-186

CHAPTER 1
INTRODUCTION

Subject	Section	Page
General Information	I	1-1
Equipment Description and Data	II	1-3
Principles of Operation	III	1-5

OVERVIEW

This chapter will familiarize you with Test Set, Receiver AN/ARM-188, It contains general and specific information about the equipment and references to pertinent forms and publications.

Section I GENERAL INFORMATION

Subject	Para	Page
Scope	1-1	1-1
Consolidated index of Army Publications and Blank Forms	1-2	1-1
Maintenance Forms, Records, and Reports	1-3	1-1
Destruction of Army Electronics Materiel to Prevent Enemy Use	1-4	1-2
Calibration	1-5	1-2
Administrative Storage	1-8	1-2
Reporting Equipment Improvement Recommendations (EIR)	1-7	1-2
Nomenclature Cross-Reference List	1-8	1-2

1-1. SCOPE.

Type of Manual: General support maintenance manual.

Equipment Name and Model Number: Test Set, Receiver AN/ARM-188 (Collins 972Q-4).

Purpose of Equipment: To generate both rf and audio signals for use in cockpit checks of an aircraft's VOR, localizer, glide slope, and marker beacon receivers,

1-2. CONSOLIDATED INDEX OF ARMY PUBLICATIONS AND BLANK FORMS.

Refer to the latest issue of DA Pam 310-1 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

1-3. 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 DA Pam 738.750, as contained in Maintenance Management Update.

1-3. MAINTENANCE FORMS, RECORDS, AND REPORTS. (CONT)

REPORTS OF PACKAGING AND HANDLING DEFICIENCIES

Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2/DLAR 4140.55/NAVMATINST 4355.73A/AFR 400-54/MCO 4430.3F.

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 4610.33C/AFR 75-18/MCO P4610.19D/DLAR 4500.15.

1-4. DESTRUCTION OF ARMY ELECTRONICS MATERIEL TO PREVENT ENEMY USE.

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

1-5. Calibration.

Calibration procedures for Test Set, Receiver AN/ARM-186 are covered in TB 9-8825-2052-35.

1-6. ADMINISTRATIVE STORAGE.

Preventive maintenance, in accordance with the PMCS charts in TM 118625-2976-12, will be performed prior to administrative storage of equipment issued to and used by Army activities. When removing the equipment from administrative storage, PMCS shall be performed to ensure operational readiness.

Administrative storage of equipment shall be done in accordance with TM 740-90-1. Disassembly and repacking of equipment for shipment, limited storage, or intermediate storage are covered in TM 11-8625-2976-12.

1-7. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR).

If your Test Set, Receiver AN/ARM-186 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. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-ME-MP, Fort Monmouth, New Jersey 07703-5007. We'll send you a reply.

1-8. NOMENCLATURE CROSS-REFERENCE LIST.

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

COMMON NAME	OFFICIAL NOMENCLATURE
test set	Test Set, Receiver AN/ARM-186
