

TECHNICAL MANUAL

OPERATOR'S MANUAL

RADIOSONDE RECORDERS

AN/TMQ-5 (NSN 6660-00-324-9426)

AN/TMQ-5A (NSN 6660-00-393-2234)

AN/TMQ-5B (NSN 6660-00-393-2234)

AN/TMQ-5C (NSN 6660-00-682-4500)

This copy is a reprint which includes current pages from Changes 1 through 7. The title was changed as shown above by Change 5.

HEADQUARTERS, DEPARTMENT OF THE ARMY

6 OCTOBER 1969

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

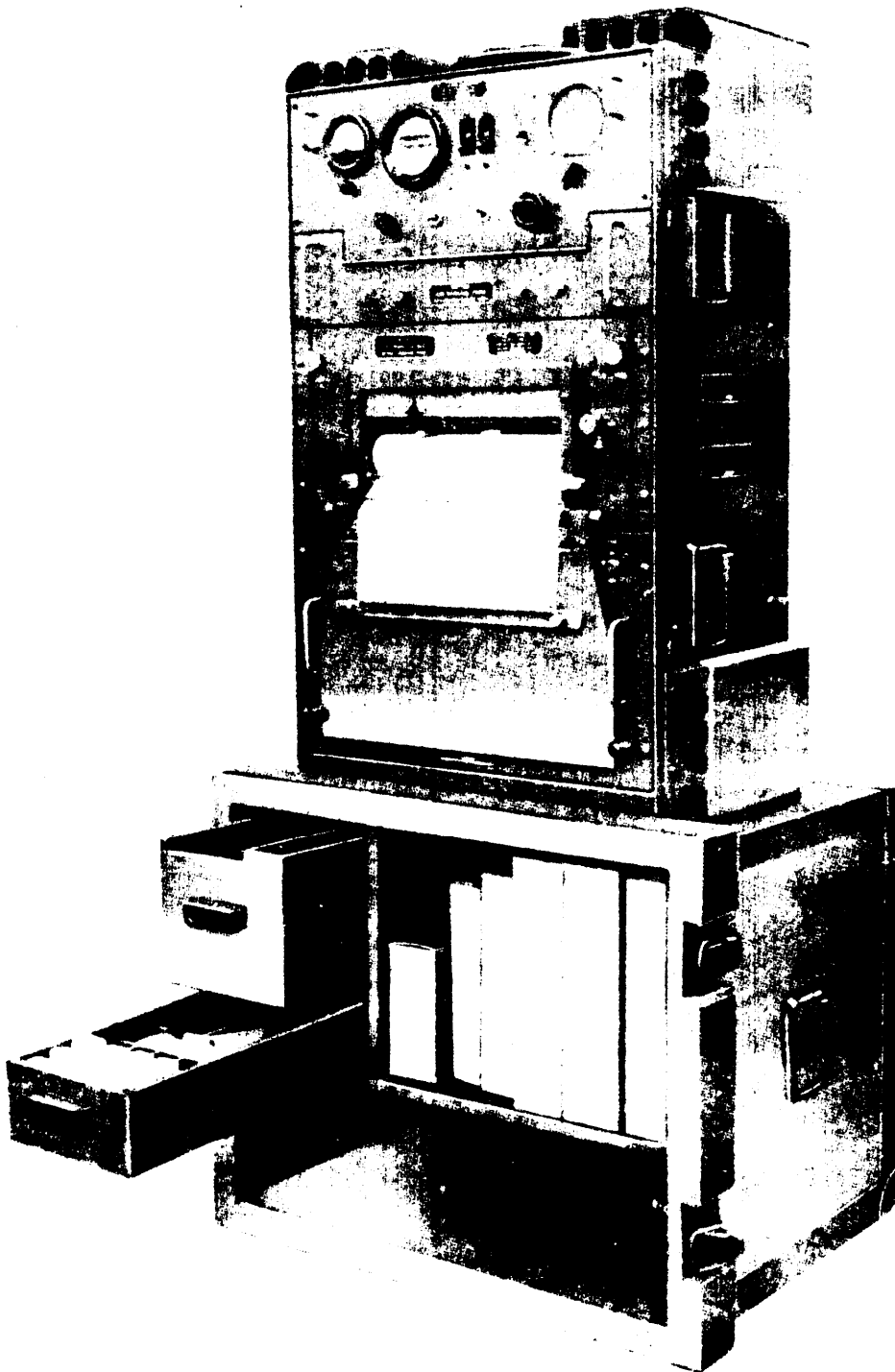
You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-ME-MP, Fort Monmouth, New Jersey 07703-5007.

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*This manual supersedes TM 11-2436, 9 March 1955, including all changes.

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EL 6660-204-10-1

Figure 1-1. Radiosonde Recorder AN/TMQ-5().*

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

a. This manual covers Radiosonde Recorder AN/TMQ-5(*) (fig. 1-1). Included are installation, operating, and operator's maintenance instructions.

b. Official nomenclature followed by (*) is used to indicate all models of the equipment item covered in this manual. Thus Radiosonde Recorder AN/TMQ-5(*) represents Radiosonde Recorder AN/TMQ-5, AN/TMQ-5A, AN/TMQ-5B, and AN/TMQ-5C; Control Panel C-384(*)/TMQ-5 represents Control Panels C-834/TMQ-5 and C834A/TMQ-5; Signal Data Converters CV-146/TMQ-5 and CV-146A/TMQ-5; Power Supply PP-968(*) TMQ-5 represents Power Supplies PP-968/TMQ-5 and PP-968A/TMQ-5; Electrical Equipment Cabinet CY-1390(*)/TMQ-5 represents Electrical Equipment Cabinets CY-1390/TMQ-5 and CY-1390A/TMQ-5; Rawin Set AN/GMD-1(*) represents Rawin Sets AN/GMD-1A, AN/GMD-1B, AN/GMD-1C, and AN/GMD-1C; Radiosonde Set AN/AMT-4(*) represents Radiosonde Sets AN/AMT-4A, B, C, and D; Radiosonde Set AN/AMT-12(*) represents Radiosonde Sets AN/AMT-12 and AN/AMT-12A; Radiosonde Baseline Check Set AN/GMM-1(*) represents Radiosonde Baseline Check Sets AN/GMM-1 and AN/GMM-1A; Computer, Humidity-Temperature CP-223(*)/UM represents Computers, Humidity-Temperature CP-223/UM and CP-223A, B, C/UM; and Control Recorder C-577(*)/GMD-1, represents Control Recorders C-577A/GMD-1, C-577B/GMD-1, and C-577C/GMD-1.

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

a. *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, Maintenance Management Update.

b. *Report of Packaging and Handling Deficien-*

cies. Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2.

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.

1-3.1. 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 or DA Form 2028(Recommended Changes to Publications and Blank Forms) direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-ME-MP, Fort Monmouth, New Jersey 07703-5007. In either case, a reply will be furnished direct to you.

1-3.2. Reporting Equipment Improvement Recommendations (EIR)

If your AN/TMQ-5(*) 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 366 (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.

1-3.3. Hand Receipt

This manual has a companion document with a TM number followed by "-HR". The TM 11-6660-204-10-HR consists of preprinted hand receipts (DA Form 2062) that list end item related equipment (i.e., COEI, BII, and AAL) you must account for. As an aid to property accountability, additional -HR manuals may be requisitioned from the US Army Adjutant General Publications Center, Baltimore, MD, in accordance with the procedures in Chapter 3, AR 310-2, and DA Pam 310-10-2.