

TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE MANUAL:
MAGNETIC TAPE UNIT MAINTENANCE

GUIDED MISSILE AIR DEFENSE SYSTEM AN/TSQ-73

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CHAPTER 1
INTRODUCTION

Section I. GENERAL

1-1. Scope. This manual contains organizational maintenance information for the Guided Missile System Recorder-Reproducer RD-449/TSQ-73(V) (fig. 1-1), referred to as the Magnetic Tape Unit (MTU). Guided Missile Air Defense System AN/TSQ-73 (AN/TSQ-73 system) contains two identical MTUs, designated 1A8 (top) and 1A13 (bottom) as shown in figure 1-1. Information relating the MTU to other equipment in the AN/ TSQ-73 system is provided in Overall System Maintenance Manual TM 9-1430-655-20-1.

1-2. Forms, Records, and Reports. Refer to DA PAM 738-750 for the use and completion of all forms required for operating and maintaining the equipment.

1-3. Destruction of Army Materiel to Prevent Enemy Use. If capture of this equipment appears imminent, or if the equipment must be abandoned, it should be destroyed to prevent enemy use. Destruction procedures should be carried out only on orders from the cognizant authority. Refer to TM 43-0002-21 for procedures required for destruction of the equipment and related system materiel. Recorded tape transport

cartridges and classified manuals are priority items requiring destruction.

1-4. Reporting Equipment Publications Improvements. Reporting of errors and omissions, and recommendations by the individual user for improving this publication is encouraged. Submit reports on DA Form 2028, Recommended Changes to Publications, and forward to Commander, U S. Army Missile Command, ATTN: AMSMI-LC-ME-PMC, Redstone Arsenal, Alabama 35898-5238.

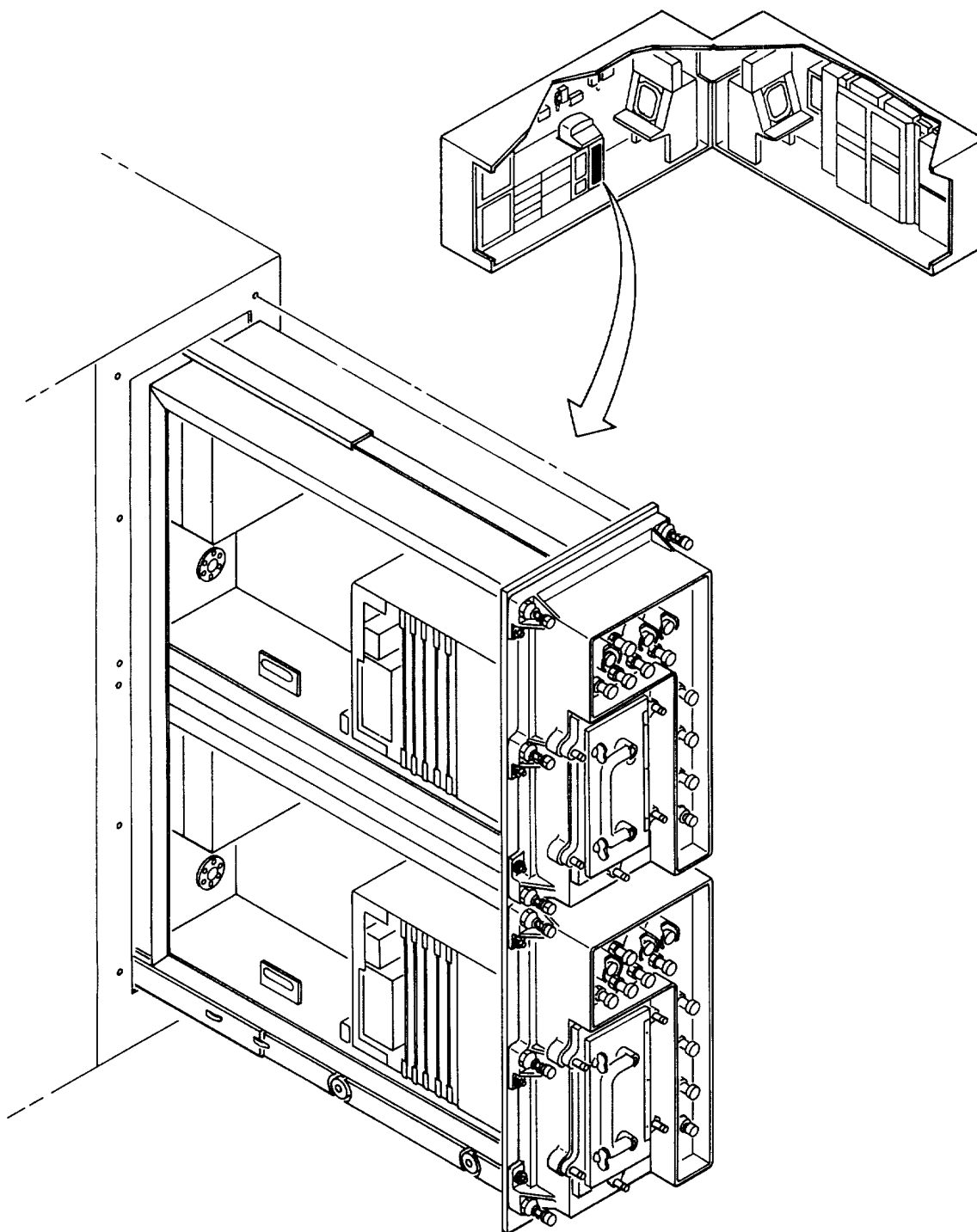
1-5. References. Refer to List of Applicable Publications TM 9-1425-655-L for a list of related publications and reference documents.

1-6. Abbreviations. Refer to appendix A for a list of abbreviations used in this manual.

1-7. Official Nomenclature. AN/TSQ-73 system nomenclature for the equipment described in this manual is listed in table 1-1. For additional identification, a cross-reference is also provided for the common name used in this technical manual.

Table 1-1. AN/TSQ-73 Official Nomenclature

Official nomenclature	Common name
Air Defense System, Guided Missile AN/TSQ-73(V)	AN/TSQ-73 system (battalion configuration) AN/TSQ-73 system (brigade configuration)
Shelter, Electrical Equipment S-529/TSQ-73(V)	System shelter (battalion configuration) System shelter (brigade configuration)
Console, Assault Fire Command, Guided Missile OJ-299/TSQ-73(V)	Display console
Data Display Group OD-96/TSQ-73(V)	Data Display Group (DDG)
Recorder-Reproducer, Guided Missile System, RD-449/TSQ-73(V)	Magnetic Tape Unit (MTU)
Test Set, Electronic Circuit Plug-In Unit TS-3317/TSQ-73(V)	Module Test Set (MTS)



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Figure 1-1. Guided Missile System Recorder-Reproducer RD-449TSQ- 73 (V)
1A8 (Top) and 1A13 (Bottom).

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