TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE MANUAL: ELECTRONIC CIRCUIT PLUG-IN UNIT TEST SET TS-3317

GUIDED MISSILE
AIR DEFENSE SYSTEM
AN/TSQ- 73

This copy is a reprint which includes current pages from Changes 1 Through 11.

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TABLE OF CONTENTS

TABLE OF CONTENTS - Continued

TABLE OF CONTENTS - Continued

LIST OF ILLUSTRATIONS

LIST OF ILLUSTRATIONS -- Continued

LIST OF TABLES

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope. This manual contains organizational maintenance information for Guided Missile Air Defense System AN/TSQ-73 Electronic Circuit Plug-In Unit Test Set TS-3317/TSQ-73 (fig. 1-1). This manual is for use by personnel responsible for maintaining the electronic circuit plug-in unit test set. Chapter 1 contains physical and technical characteristics. Chapter 2 provides theory of operation. Chapter 3 describes operator instructions. Chapter 4 contains maintenance and fault isolation instructions. Chapter 5 provides removal and replacement instructions. Chapter 6 describes preparation for shipment and limited storage.

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.

1-4. Reporting Equipment Publications Improvements. Reporting of errors and omissions, and recommendations by the individual user for improving this publication are encouraged. Reports should be submitted on DA Form 2028, Recommended Changes to Publications, and forwarded to: Commander, U. S. Army Missile Command, ATTN: AMSMI-LC-ME-P, 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. The official nomenclature associated with the AN/TSQ-73 equipment is listed in table 1-1. In the table, a common name is also provided for each major unit.

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

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

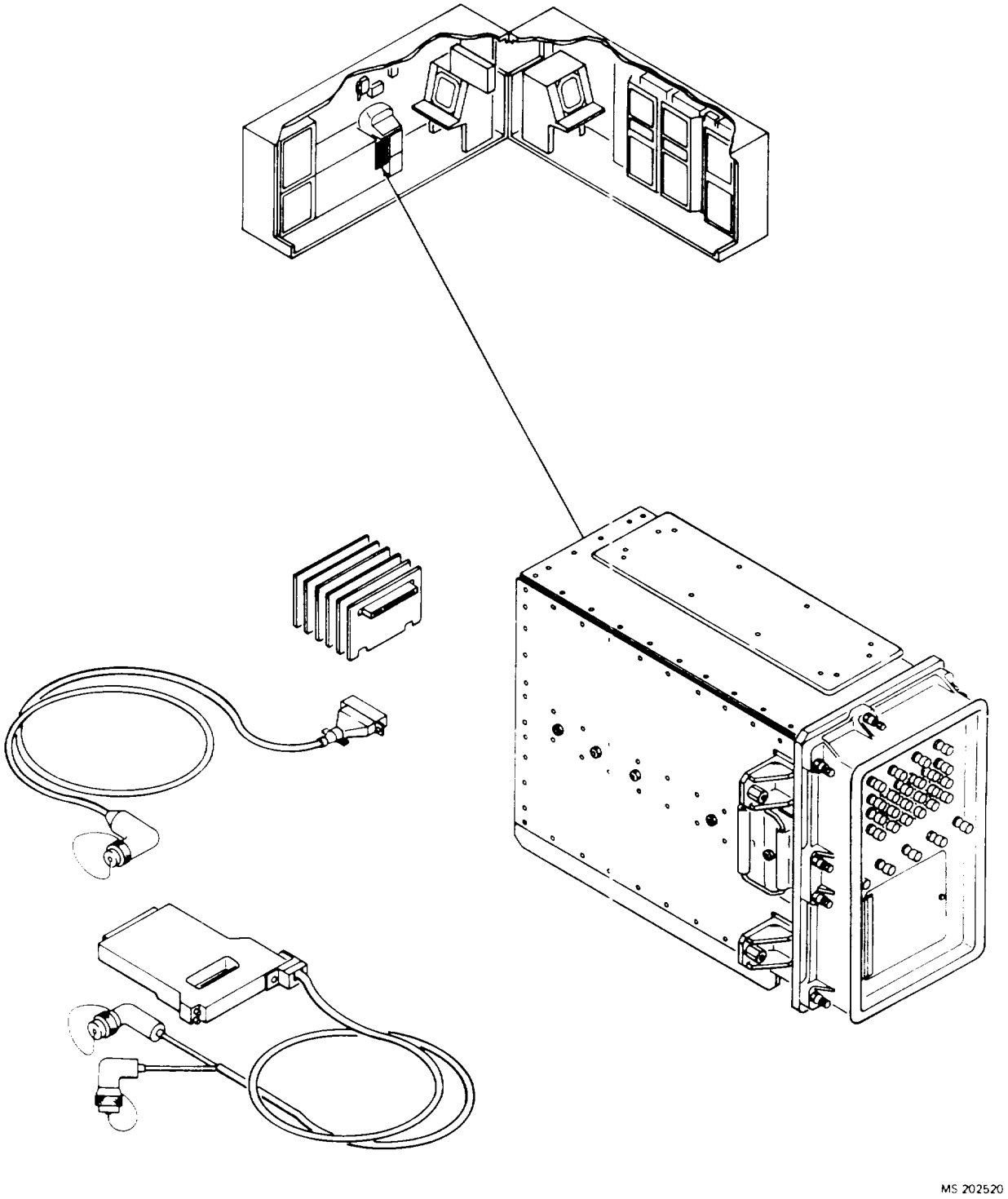

Figure 1-1. Electronic Circuit Plug-In Unit Test Set TS-3317/TSQ-73(V)