

TECHNICAL MANUAL

**ORGANIZATIONAL MAINTENANCE AND DIRECT SUPPORT
MAINTENANCE MANUAL**

(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)

**MINE, ANTIPERSONNEL: HE, M74
(NSN 1345-01-076-3497)**

**MINE, ANTITANK: HE, M75
(NSN 1345-01-078-4104)**

AND

**MINE, ANTITANK, PRACTICE: M79
(NSN 1345-01-074-9370)**

This copy is a reprint which includes current pages from Changes 1 and 2.

HEADQUARTERS, DEPARTMENT OF THE ARMY

31 DECEMBER 1984

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9-1345-210-23&P)

HEADQUARTERS
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Washington, DC, 31 December 1984

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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 the back of this manual direct to Commander, U.S. Army Armament, Munitions and Chemical Command, ATTN: AMSMC-MAY-T (D), Dover, New Jersey 07801-5001. A reply will be furnished directly to you.

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CHAPTER 1

INTRODUCTION

Section I. GENERAL**1-1. Scope**

These instructions are for use by organizational and direct support maintenance personnel. They apply to antipersonnel mine M74, antitank mine M75, and practice antitank mine M79. These mines are for use with mine dispenser M128.

1-2. Forms, Records, and Reports

Department of the Army maintenance forms and reporting procedures are prescribed in DA PAM 738-750. Accidents involving injury to personnel or damage

to material will be reported on DA Form 285 (Army Accident Investigation Report) in accordance with AR 385-40. Explosive ammunition malfunctions will be reported in accordance with AR 75-1.

1-3. Destruction of Army Materiel to Prevent Enemy Use

Destruction of land mines subject to capture or abandonment will be undertaken by the user only when such action is indicated by orders of, or policy established by, the Army commander (see TM 750-244-5-1).

Section II. DESCRIPTION AND DATA**1-4. General***a. Mine, antipersonnel: HE, M74 (A, fig. 1-1).*

This antipersonnel mine is green, is cylindrical in shape, and is fabricated of thickwall steel tubing which is internally scored for maintaining uniform fragment size. It has an internal safing and arming (S&A) device, an electronic assembly, a power supply, and four tripline assemblies at each end (eight total). The mines are shipped and stored in a sealed, desiccated container. The container holds 8 sleeves, each containing 5 mines, for a total of 40 mines per container. The containers are palletized, with six containers per pallet.

b. Mine, antitank: HE, M75 (B, fig. 1-1).

This antitank mine is green, is cylindrical in shape, and is fabricated of thickwall steel tubing. It has an internal safing and arming device, an electronic assembly, and a power supply. Some of the M75 mines have an antidisturbance switch within the mine, as indicated by the last digit in the lot number. A lot number ending with a "-2" indicates that the mine has an antidisturbance switch; a lot number ending with a "-1" indicates no switch. The mines are shipped and stored in the same manner as the mine M74.

c. Mine, antitank, practice: M79 (C, fig. 1-1).

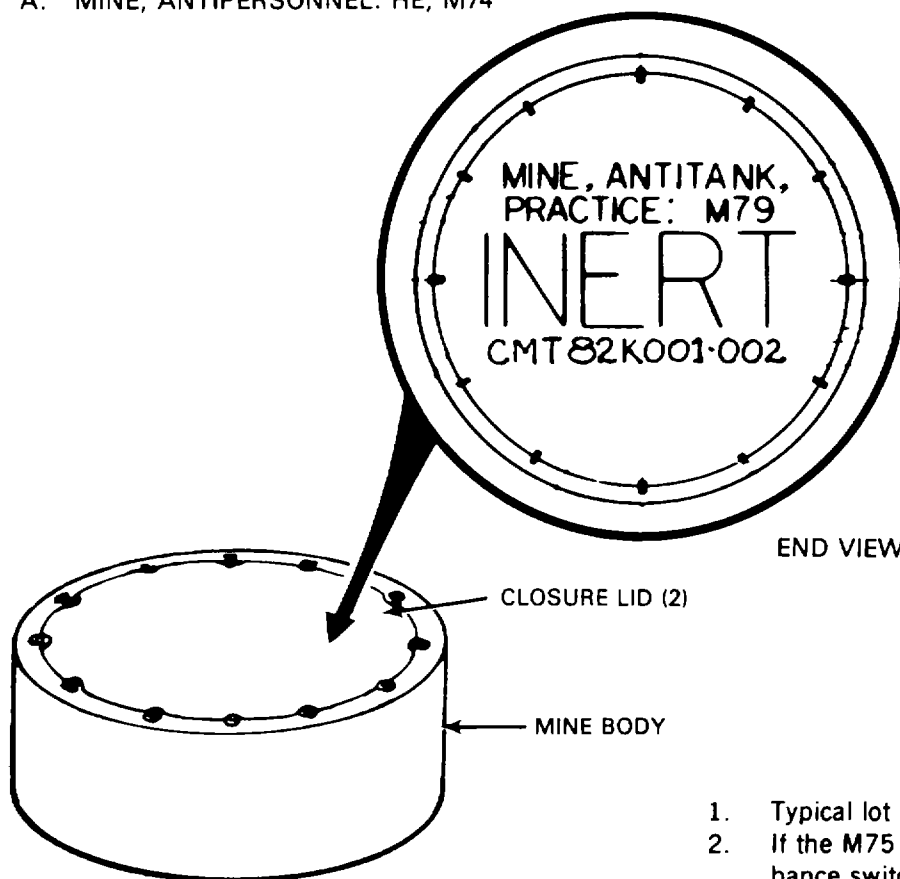
This practice mine is cylindrical in shape and is similar in appearance to the antipersonnel mine M74 and the antitank mine M75. The mine is inert and it is fabricated of thick-wall steel tubing with a sheet metal closure lid staked in each end. The mines are shipped and stored in the same manner as the mine M74.



A. MINE, ANTIPERSONNEL: HE, M74



B. MINE, ANTITANK: HE, M75



C. MINE, ANTITANK, PRACTICE: M79

NOTES

1. Typical lot numbers are shown.
2. If the M75 mine has an antidisturbance switch, the marking will include a "-2" at the end of the lot number instead of a "-1."

ARD 83-0921

Figure 1-1. Mines.