

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

OPERATOR'S MANUAL
RANGE CLEARING PROCEDURES
FOR CARTRIDGE 40MM: TP, M918

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Headquarters, Department of the Army, Washington DC
24 February 1995

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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SECTION I. INTRODUCTION

1. Purpose. The purpose of this Technical Bulletin (TB) is to provide specific operator level instructions on Range Clearing Procedures for Cartridge, 40MM, TP, M918. These procedures are supplemental to any and all local installation SOPs and should be integrated into local procedures.

2. Scope. This bulletin is a supplement to the operator weapon technical manual TM 91010-230-10, Operator's Manual and Components List for Machine Gun, 40MM, MK19 MOD 3; and to TM 9-6920-767-10, Operator's Manual for Cartridge, Subcaliber Ammunition, Training (CSAT).

*This bulletin supersedes TB 9-1310-251-10 dated 14 May 1992.

SECTION II. INFORMATION AND PROCEDURES TO BE INCORPORATED INTO OPERATOR'S TECHNICAL MANUAL

3. General. Personnel moving downrange to locate and identify projectile in accordance with procedures in this document must have adequate equipment and be able to identify M918 projectiles.

a. Identification.

(1) Cartridge. The M918 cartridge (fig. 1) is a fixed round of ammunition with a straight wall rimmed cartridge case. The cartridge consists of the cartridge case attached to the projectile. The cartridge case is anodized green. The markings "CTG 40MM M918 TP" are stenciled in black on the cartridge case.

(2) Projectile. The M918 projectile body (fig. 1) features an ogive with an annular groove and a copper rotating band. The projectile is blue with a 1/4-inch brown band behind the ogive. The markings "40MM M918 TP" are stenciled in black on the projectile body. The annular groove is provided for identification as a TP round. In addition, the letters "TP" are stamped in three places on the bottom of the projectile body.

b. Use. The M918 40MM Target Practice Cartridge is used in training to simulate the M430 HEDP 40MM Cartridge. It is also used to simulate the handling, loading, and firing of 165MM ammunition in the CSAT M970.

c. Equipment.

(1) Individual Equipment (Personnel Protection Equipment)¹

- Face Shield²
- Safety Glasses²
- Safety Goggles²
- Leather Gloves
- Single Hearing Protection³
- Field Uniform (Helmet, BDUs, Boots)

(2) Tools.

- Shovels⁴
- Tongs (recommended)⁵
- M548 Metal Box

Notes.

¹Limited testing has shown that the personnel protection equipment listed above is only adequate in protecting personnel at projectile functioning distances of 24 inches or greater. A projectile that functions within 24 inches of a person with the base pointed at the person may

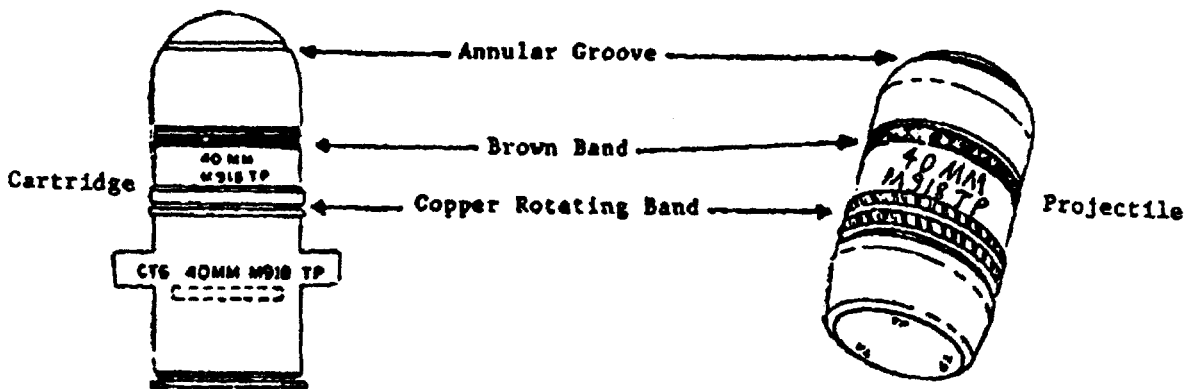


Figure 1. Cartridge and Projectile, 40MM, TP, M918.

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