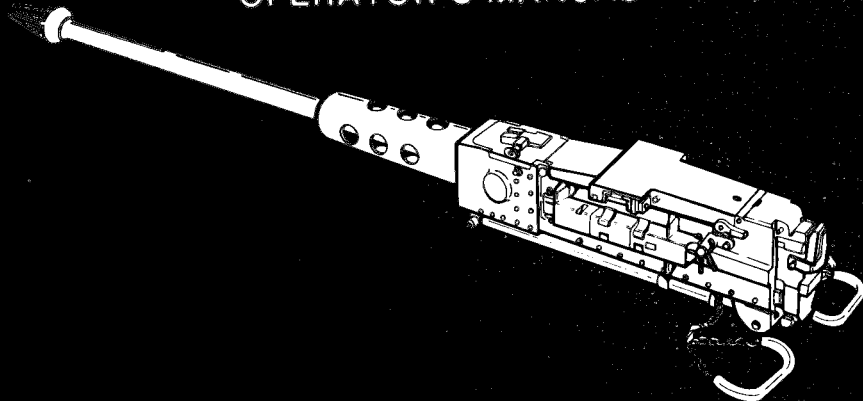


TM 9-1005-231-10

OPERATOR'S MANUAL



MACHINE GUN, CALIBER .50, FIXED, M85 (1005-00-690-2790)

HEADQUARTERS, DEPARTMENT OF THE ARMY

November 1984

**TECHNICAL MANUAL)
TM 9-1005-231-10)**

**HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 20 November 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 or DA Form 2028 (Recommended Changes to Equipment Publications and Blank Forms) direct to: Commander, US Army Armament, Munitions and Chemical Command, ATTN: DRSMC-MAS(R), Rock Island, IL 61299. A reply will be furnished to you.

* This manual supersedes TM 9-1005-231-10, 1 May 1974, including changes.

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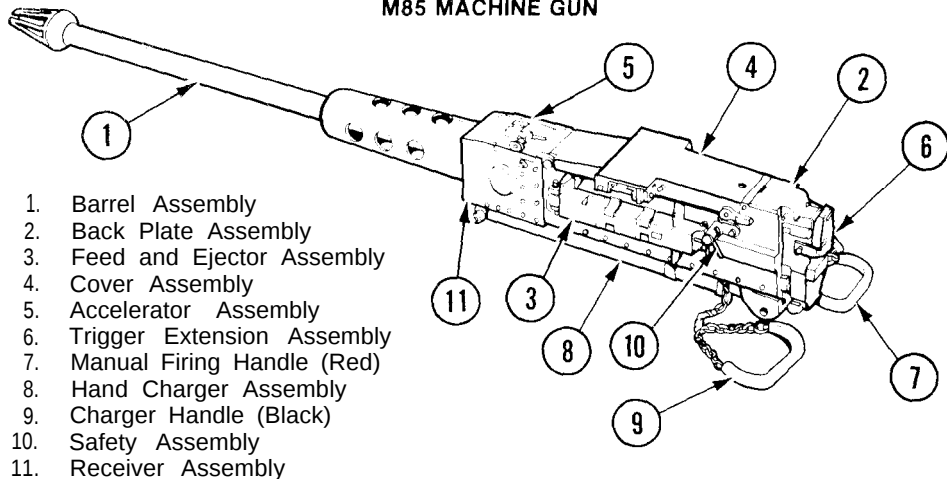
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CHAPTER 1

INTRODUCTION

Section I. GENERAL INFORMATION

M85 MACHINE GUN



1-1. SCOPE.

- a. Type of Manual. Operator's manual,
- b. Model Number and Equipment Name. M85 fixed caliber .50 machine gun.
- c. Purpose of Equipment. Provides protection for armored vehicle crews against enemy ground troops or low-flying aircraft.

1-2. MAINTENANCE FORMS AND RECORDS.

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, The Army Maintenance Management System (TAMMS).

1-3. HAND RECEIPT (-HR) MANUALS.

This manual has a companion document with a TM number followed by "-HR" (which stands for Hand Receipt), The TM 9-1005-231-10-HR consists of pre-printed 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 following source in accordance with procedures in chapter 3, AR 310-2: Commander, US Army AG Publications Center, 2800 Eastern Boulevard, Baltimore, MD 21220,

1-4. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR'S).

If your M85 machine gun 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 or performance. Put it on an SF 368 (Quality Deficiency Report). Mail it to us at Commander, US Army Armament, Munitions and Chemical Command, ATTN: DRSMC-MAO(R), Rock Island, IL 61299 We'll send you a reply.

1-5. LIST OF ABBREVIATIONS.

API.	Armor-Piercing incendiary
APIT.....	Armor-Piercing Incendiary Tracer
CLP	Cleaner, Lubricant and Preservative

Section II. EQUIPMENT DESCRIPTION

1-6. EQUIPMENT CHARACTERISTICS, CAPABILITIES, AND FEATURES .

a. The recoil-operated M85 machine gun is designed for cupola mounting in armored vehicles. It can be fired electrically by the solenoid, or manually, at either high or low rates. It has a short receiver assembly, fixed headspace, and a quick-change barrel with flash suppressor.