

TECHNICAL MANUAL

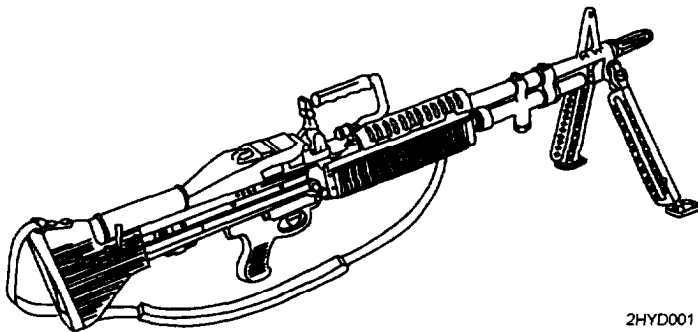
UNIT AND DIRECT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)

FOR

MACHINE GUN, 7.62-MM, M60 W/E
(1005-00-605-7710) (EIC: 4AJ)

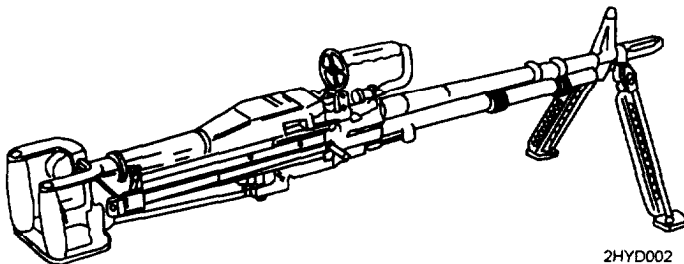
AND

MACHINE GUN, 7.62-MM, M60D W/E
(1005-00-909-3002) (EIC: 4A8)



2HYD001

M60



2HYD002

M60D

INTRODUCTION

UNIT MAINTENANCE INSTRUCTIONS

DIRECT AND GENERAL SUPPORT MAINTENANCE INSTRUCTIONS

MAINTENANCE OF AUXILIARY EQUIPMENT

REFERENCES

MAINTENANCE ALLOCATION CHART

REPAIR PARTS AND SPECIAL TOOLS LIST

EXPENDABLE/DURABLE SUPPLIES AND MATERIALS LIST

ILLUSTRATED LIST OF MANUFACTURED ITEMS

ALPHABETICAL INDEX

DISTRIBUTION STATEMENT:

Approved for public release; distribution is unlimited.

HEADQUARTERS, DEPARTMENTS OF THE ARMY AND AIR FORCE

MAY 1998

TECHNICAL MANUAL

No. 9-1005-224-23&P

***ARMY TM 9-1005-224-23&P
AIR FORCE T.O. 11W2-6-4-11
HEADQUARTERS
DEPARTMENTS OF THE ARMY
AND AIR FORCE
Washington D.C., 21 May 1998**

**Unit and Direct Support Maintenance Manual
(Including Repair Parts and Special Tools List)
for
MACHINE GUN, 7.62-MM, M60 W/E
(1005-00-605-7710)
and
MACHINE GUN, 7.62-MM, M60D W/E
(1006-00-909-3002)**

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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. Army users 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: Director, Armament and Chemical Acquisition & Logistics Activity, ATTN: AMSMC-NML, Rock Island, IL 61299-7630. Air Force users submit AFTO Form 22, Technical Order System Publication Improvement Report and Reply, to: WR-ALC/MMIBTC, Robins AFB, GA 31098-5330. A reply will be furnished to you.

*This TM supersedes TM 9-1005-224-24, dated 8 July 1987; TM 9-1005-224-24P, 23 July 1987; and TB 9-1005-224-50-1, dated 7 October 1994, including all changes.

Work Package**WARNING SUMMARY****CHAPTER 1 INTRODUCTION**

General Information	WP 0001 00
Equipment Description and Data	WP 0002 00

CHAPTER 2 UNIT MAINTENANCE INSTRUCTIONS

Repair Parts, Special Tools, and Support Equipment	WP 0003 00
Service Upon Receipt	WP 0004 00
Preventive Maintenance Checks and Services (PMCS)	WP 0005 00
Troubleshooting	WP 0006 00
Maintenance Procedures	WP 0007 00 thru
	WP 0009 00
Lubrication Instructions	WP 0020 00
Preparation for Storage or Shipment	WP 0021 00

CHAPTER 3 DIRECT MAINTENANCE INSTRUCTIONS

Repair Parts, Special Tools, and Support Equipment	WP 0022 00
Troubleshooting	WP 0023 00
Maintenance Procedures	WP 0024 00 thru
	WP 0044 00
Preembarkation Inspection of Materiel in Units Alerted for Overseas Movement	WP 0045 00
Preparation for Storage or Shipment	WP 0046 00

APPENDIX A REFERENCES	WP 0047 00
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APPENDIX B MAINTENANCE ALLOCATION CHART	WP 0048 00
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APPENDIX C REPAIR PARTS AND SPECIAL TOOLS LISTS

Introduction	WP 0049 00
Group 00 Machine Gun, 7.62-mm M60 and M60D (M60 Major Assemblies)	WP 0050 00
Machine Gun, 7.62-mm M60 and M60D (M60 Minor Components)	WP 0051 00
Machine Gun, 7.62-mm M60 and M60D (M60D Major Assemblies)	WP 0052 00
Machine Gun, 7.62-mm M60 and M60D (M60D Minor Components)	WP 0053 00
Group 01 Shoulder Gun Stock Assembly (M60 only)	WP 0054 00
Group 02 Grip and Trigger Assembly (M60D only)	WP 0055 00
Group 03 Breech Bolt Assembly	WP 0056 00
Group 04 Operating Rod Assembly	WP 0057 00
Group 05 Trigger Mechanism Grip Assembly (M60 only)	WP 0058 00
Group 06 Sear and Safety Housing Assembly (M60D only)	WP 0059 00
Group 07 Barrel and Bipod Assembly	WP 0060 00
Group 0701 Machine Gun Bipod	WP 0061 00
Group 070101 Machine Gun Leg (Right)	WP 0062 00
Group 070102 Machine Gun Leg (Left)	WP 0063 00
Group 08 Cover and Lever Assembly	WP 0064 00
Group 0801 Feed Cam Assembly	WP 0065 00
Group 0802 Feed Lever Assembly	WP 0065 00
Group 0803 Feed Pawl Assembly	WP 0066 00
Group 0804 Cover Housing Assembly	WP 0067 00

Work Package

Group 09	Tray and Hanger Assembly (M60 only)	WP 0068 00
Group 0901	Cartridge Feed Tray Assembly (M60 only)	WP 0069 00
Group 10	Cartridge Feed Tray Assembly (M60D only).	WP 0070 00
Group 11	Forearm Assembly (M60 only)	WP 0071 00
Group 12	Rear Sight (M60 only)	WP 0072 00
Group 1201	Rear Sight Leaf Assembly (M60 only)	WP 0073 00
Group 13	Rear Sight (M60D only).	WP 0074 00
Group 14	Cocking Handle Assembly	WP 0075 00
Group 15	Gun Receiver Assembly (M60 only)	WP 0076 00
Group 16	Gun Receiver Assembly (M60D only).	WP 0077 00
Group 9999	Bulk Materials List.....	WP 0078 00

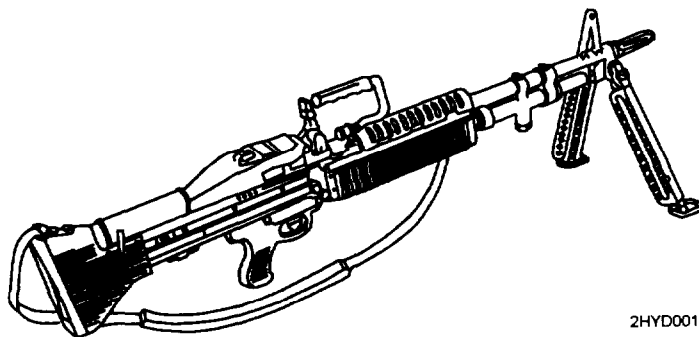
SPECIAL TOOL LIST

Group 9500	Special Tools	WP 0079 00
Part Number Index..		WP 0080 00
National Stock Number Index		WP 0081 00

APPENDIX D	EXPENDABLE/DURABLE SUPPLIES AND MATERIALS LIST	WP 0082 00
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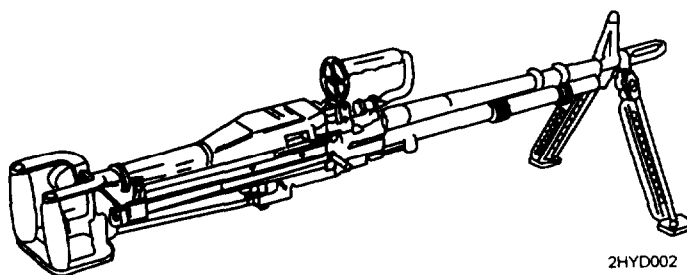
APPENDIX E	ILLUSTRATED LIST OF MANUFACTURED ITEMS	WP 0083 00
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ALPHABETICAL INDEX	WP 0084 00
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2HYD001

M60, 7.62-MM, MACHINE GUN



2HYD002

M60D, 7.62-MM, MACHINE GUN

Full External Views

CHAPTER 1

INTRODUCTION

GENERAL INFORMATION**0001 00****SCOPE**

- a. Type of Manual: Unit, Direct Support, Maintenance Manual.
- b. Model Numbers and Equipment Names:
 - (1) M60 7.62-mm machine gun
 - (2) M60D 7.62-mm machine gun
- c. Purpose of Equipment:
 - (1) The M60 7.62-mm machine gun is a general purpose weapon capable of being fired from several mounts or while being handheld. The weapon is mainly used for ground operations.
 - (2) The M60D 7.62-mm machine gun is a general purpose weapon capable of being fired from several mounts. The weapon is mainly used for support of ground operations. The M60D is an aircraft door-mounted, or vehicle mounted machine gun.

MAINTENANCE FORMS, RECORDS, AND REPORTS

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

DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Procedures and materials used for the destruction of the machine guns and tripod mount will be found in TM 750-244-7.

PREPARATION FOR STORAGE OR SHIPMENT

Requirements for storage or shipment are listed in TM 9-1005-224-10.

OFFICIAL NOMENCLATURE, NAMES AND DESIGNATIONS

This listing includes nomenclature cross-references used in this manual:

NOMENCLATURE CROSS-REFERENCE LIST

<u>Common Name</u>	<u>Official Nomenclature</u>
Bipod Legs.....	Leg, Machine Gun, RH Leg, Machine Gun, LH
Leaf Assembly	Leaf Assembly, Rear Sight

GENERAL INFORMATION (cont)

0001 00**REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR)**

If your machine gun or tripod mount 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. Put it on an SF 368 Quality Deficiency Report (QDR). Mail it to us at Director, Armament and Chemical Acquisition & Logistics Activity, ATTN: AMSMC-QAD, Rock Island, IL 61299-6000. We'll send you a reply.

CORROSION PREVENTION AND CONTROL (CPC)

CPC of Army materiel is a continuing concern. It is important that any corrosion problems with this item be reported so that the problem can be corrected and improvements can be made to prevent the problem in future items.

While corrosion is typically associated with rusting of metals, it can also include deterioration of other materials such as rubber and plastic. Unusual cracking, softening, swelling, or breaking of these materials may be a corrosion problem.

If a corrosion problem is identified, it can be reported using Standard Form 368, Product Quality Deficiency Report. Use of key words such as corrosion, rust, deterioration, or cracking will assure that the information is identified as a CPC problem.

Army users submit Product Quality Deficiency Report (SF 368) to: Director, Armament and Chemical Acquisition & Logistics Activity, ATTN: AMSMC-QAD/Customer Feedback Center, Rock Island, IL 61299-6000.