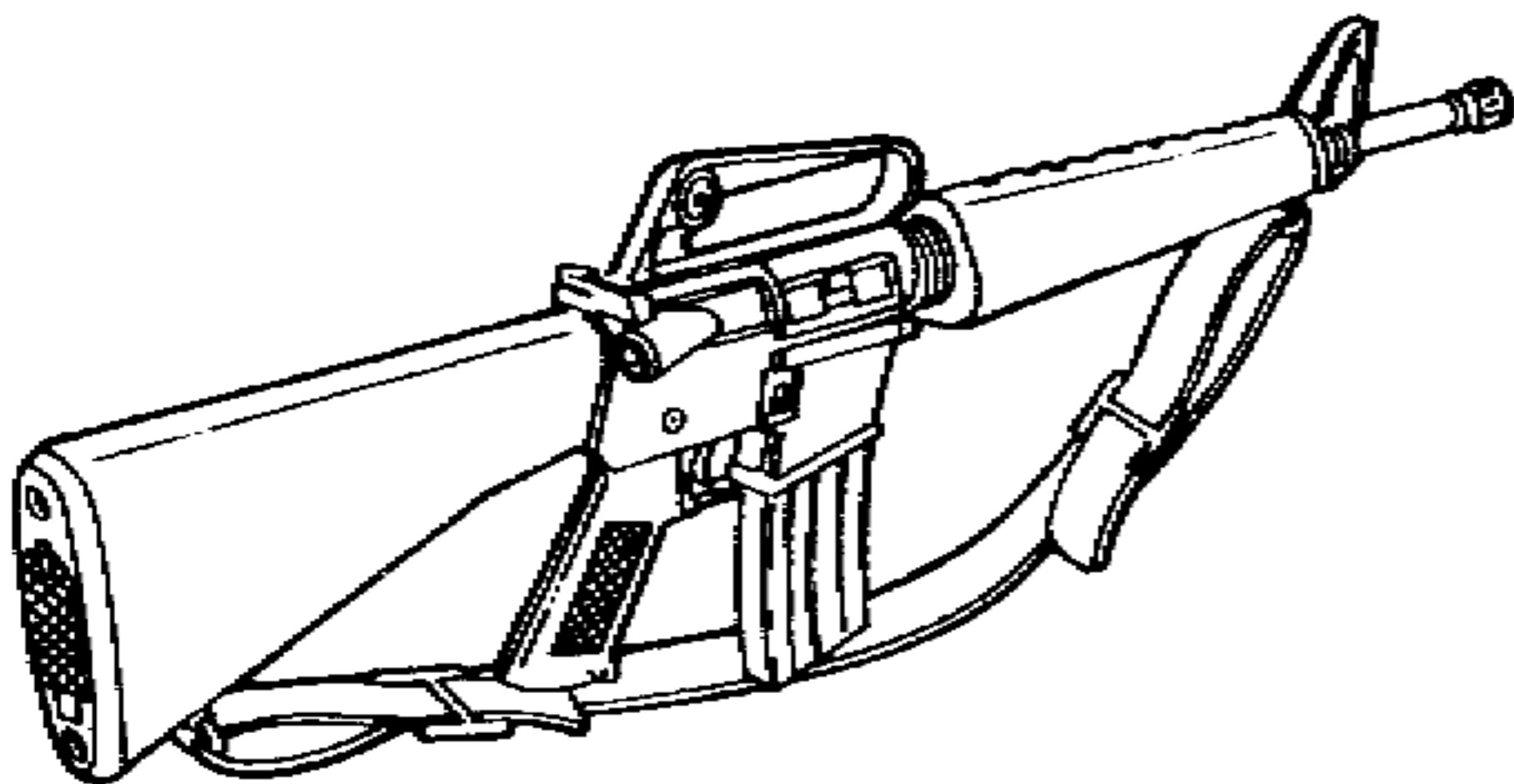
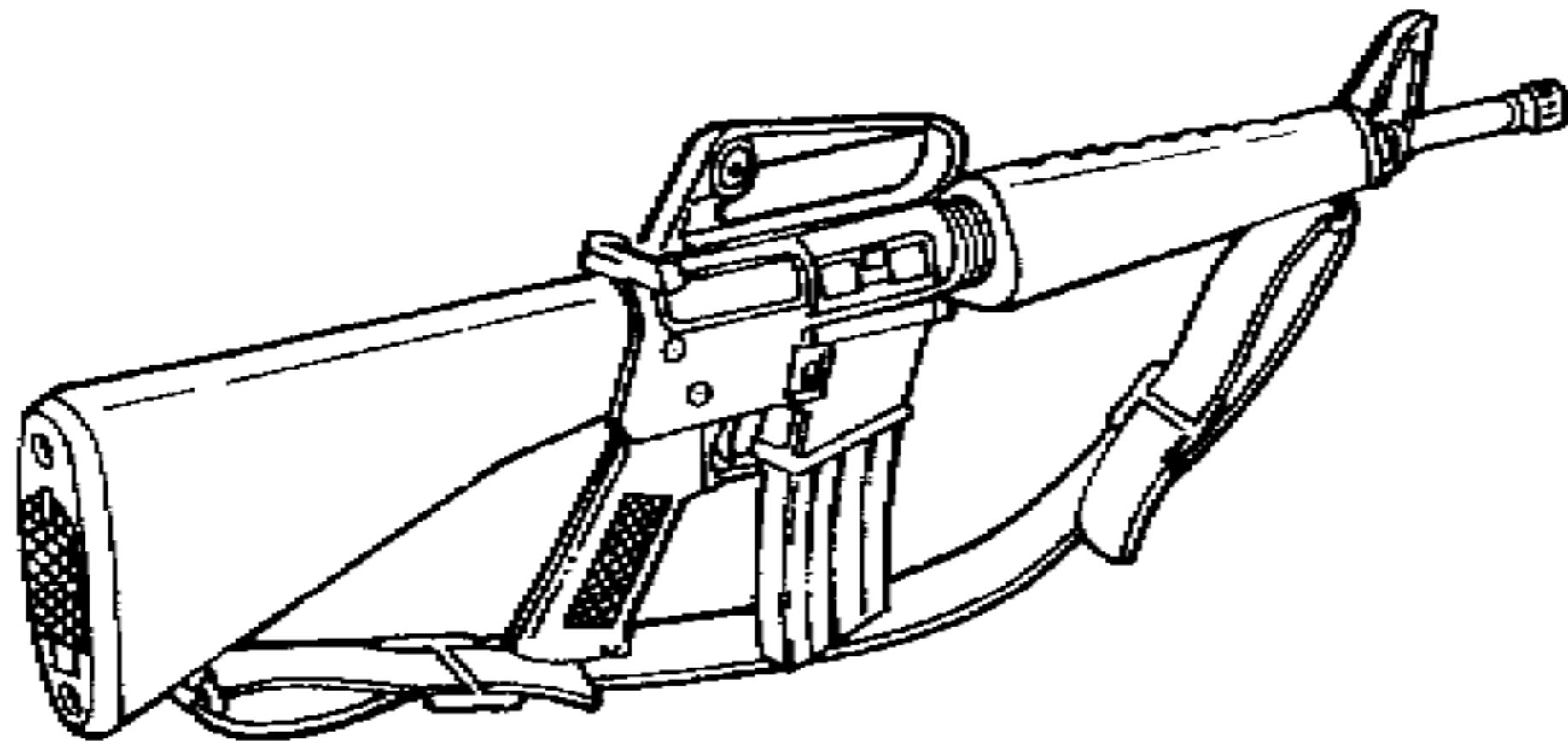


TM 9-1005-249-24&P

TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)



**RIFLE, 5.56-MM, M16
(1005-00-856-6885)**

**RIFLE, 5.56-MM, M16A1
(1005-00-073-9421)**

HEADQUARTERS, DEPARTMENT OF THE ARMY

NOVEMBER 1983

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This copy is a reprint which includes current pages from Changes 1 thru 3.

TECHNICAL MANUAL }
 No. 9-1005-249-24&P }

HEADQUARTERS
 DEPARTMENT OF THE ARMY
 Washington, DC 25 November 1983

**Organizational, Direct Support, and General Support
 Maintenance Manual
 (Including Repair Parts and Special Tools List)
 RIFLE, 5.56-MM, M16
 (1005-00-856-6885)
 RIFLE, 5.56-MM, M16A1
 (1005-00-073-9421)**

Current as of 20 July 1983

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, US Army Armament, Munitions and Chemical Command, ATTN: DRSMC-MAŠ (R), Rock Island, IL 61299. A reply will be furnished to you.

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*This manual supersedes TM 9-1005-249-20, 11 September 1971, including all changes and TM 9-1005-249-34, 10 February 1972, including all changes.

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HOW TO USE THIS MANUAL

GENERAL

In order to use this manual efficiently, there are several things you need to know:

1. All references in the manual are to pages only.
2. Illustrations for the maintenance procedures show only those parts affected by the operation being performed.
3. Whenever the male gender is mentioned in the manual (i.e., crewman, repairman), it also pertains to females.

INDEXES

This manual is organized to help you find the information you need quickly. There are several useful indexes.

1. **Front Cover Index.** Lists the most important areas of the manual. Is keyed to areas with bleed-to-edge indicators.
2. **Table of Contents.** Lists in order all chapters, sections, and appendixes. Gives page references.
3. **Nomenclature Cross-Reference List and List of Abbreviations.**
4. **Chapter Overviews.** Summarize material covered in the chapter. Are located at the beginning of each chapter.
5. **Symptom Index.** Located just before the troubleshooting table in each maintenance chapter. Lists, in alphabetical order, parts of the weapon with possible malfunctions. References pages of the troubleshooting table.

6. **Alphabetical Index.** Located at the end of the manual. An extensive subject index for everything in the manual. Gives page references.

MAINTENANCE PROCEDURES

The maintenance procedures are broken up into separate tasks. Each task has an initial setup containing a list of the following things you will need in order to do your maintenance task:

1. **Special Tools.** Lists tools not found in your TOE authorized tool sets.
2. **Materials/Parts.** Lists expendable materials and 100% replaceable parts. Also lists for each removal procedure the main parts to be replaced. Do not order this part unless needed. Each material or part is followed by a part number or appendix reference. If more than one part is needed, the quantity needed precedes the part number or reference.
3. **References.** Lists other publications containing necessary information.
4. **Troubleshooting Reference.** Lists malfunctions which can be corrected by following the maintenance procedure.
5. **Equipment Conditions.** Lists conditions to be met before starting the procedure. The reference on the left of the condition is a page reference to instructions for setting up the condition.