

*This manual supersedes TM 9-1276, 22 January 1947; TB ORD 2, 22 December 1943; TB ORD 365, 22 July 1949; TB ORD 396, 8 November 1950; and those portions of TB ORD 385, 24 May 1950, and TB ORD 415, 17 October 1951, pertaining to the matériel covered herein*

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**CAL. .30  
CARBINES  
M1, M1A1,  
M2, AND M3**



DEPARTMENTS OF THE ARMY AND  
THE AIR FORCE

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TM 9-1276/TO 39A-5AD-2 is published for the information and  
guidance of all concerned.

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# CHAPTER 1

## INTRODUCTION

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### Section I. GENERAL

#### 1. Scope

*a.* This manual is published for the information and guidance of personnel responsible for field and depot maintenance of this matériel. It contains instructions and information concerning maintenance which is beyond the scope of tools, equipment, or supplies normally available to using organizations. This manual does not contain information which is intended primarily for the using organization, since such information is available to ordnance maintenance personnel in the pertinent operator's technical manuals or field manuals.

*b.* This manual contains a description of and procedures for removal, disassembly, inspection, repair, rebuild, and assembly of the cal. .30 carbines M1, M1A1, M2, and M3. The appendix contains a list of current references, including supply catalogs, technical manuals, and other available publications applicable to the matériel.

*c.* FM 23-7 contains operating and lubricating instructions for the matériel and contains all maintenance operations allocated to using organizations in performing maintenance work within their scope.

*d.* This manual differs from TM 9-1276, 22 January 1947, as follows: Adds information on comparator inspection of certain trigger housing group components; technical inspection, repair and rebuild.

#### 2. Field and Depot Maintenance Allocation

The publication of instructions for complete disassembly and rebuild is not to be construed as authority for the performance by field maintenance units of those functions which have been restricted to depot shops and arsenals. In general, the prescribed maintenance responsibilities will apply as reflected in the allocation of maintenance parts listed in the appropriate columns of Department of the Army Supply Catalog Ord 8 SNL B-28. Instructions for depot maintenance are to be used by maintenance companies in the field only when the tactical situation makes the repair functions imperative. Provisions of parts listed in the depot guide column of ORD 8 supply

catalogs will be made to field maintenance only when the emergency nature of the maintenance to be performed has been certified by a responsible officer of the requisitioning organization.

### 3. Forms, Records, and Reports

*a. General.* Responsibility for the proper execution of forms, records, and reports rests upon the officers of all units maintaining this equipment. However, the value of accurate records must be fully appreciated by all persons responsible for their compilation, maintenance, and use. Records, reports, and authorized forms are normally utilized to indicate the type, quantity, and condition of matériel to be inspected, to be repaired, or to be used in repair. Properly executed forms convey authorization and serve as records for repair or replacement of matériel in the hands of troops and for delivery of matériel requiring further repair to ordnance shops in arsenals, depots, etc. The forms, records, and reports establish the work required, the progress of the work within the shops, and the status of the matériel upon completion of its repair.

*b. Authorized Forms.* The forms generally applicable to units maintaining these weapons are listed in the appendix. For a current and complete listing of all forms, see current SR 310-20-6. For instructions on use of these forms, see FM 9-10.

*c. Field Report of Accidents.*

(1) *Injury to personnel or damage to matériel.* The reports necessary to comply with the requirements of the Army safety program are prescribed in detail in the SR 385-10-40 series of special regulations. These reports are required whenever accidents involving injury to personnel or damage to matériel occur.

(2) *Ammunition.* Whenever an accident or malfunction involving the use of ammunition occurs, firing of the lot which malfunctions will be immediately discontinued. In addition to any applicable reports required in (1) above, details of the accident or malfunction will be reported as prescribed in SR 385-310-1.

*d. Report of Unsatisfactory Equipment or Materials.* Any suggestions for improvement in design, maintenance, safety, and efficiency of operation prompted by chronic failure or malfunction of the matériel, spare parts, or equipment or as to defects in the application or effect of prescribed lubricants and/or preserving materials will be reported through technical channels as prescribed in SR 700-45-5 to the Chief of Ordnance, Washington 25, D. C., ATTN: ORDFM, using DA Form 468, Unsatisfactory Equipment Report. Such suggestions are encouraged in order that other organizations may benefit.

*Note.* Do not report all failures that occur. Report only REPEATED or RECURRENT failures or malfunctions which indicate unsatisfactory design or material. See also SR 700-45-5 and the printed instructions on DA Form 468.

## Section II. DESCRIPTION AND DATA

### 4. Description

The carbines are gas-operated, self-loading, air-cooled shoulder weapons, fed by 15-round or 30-round cartridge magazines. The carbines M1 and M1A1 deliver semiautomatic fire, and the carbines M2 and M3 deliver either semiautomatic or full automatic fire controlled by the operator through the use of a selector.

### 5. Differences Between Models

*a. Tactical Inspection.* For information on differences between models which affect troop use, refer to FM 23-7.

*b. Cal. 30 Carbines M1 and M1A1* (figs. 1 and 2). The only difference between the carbines M1 and M1A1 is the stock. The M1 has a one-piece wooden stock, whereas the M1A1 has a folding metal stock extension and a wooden hand grip.

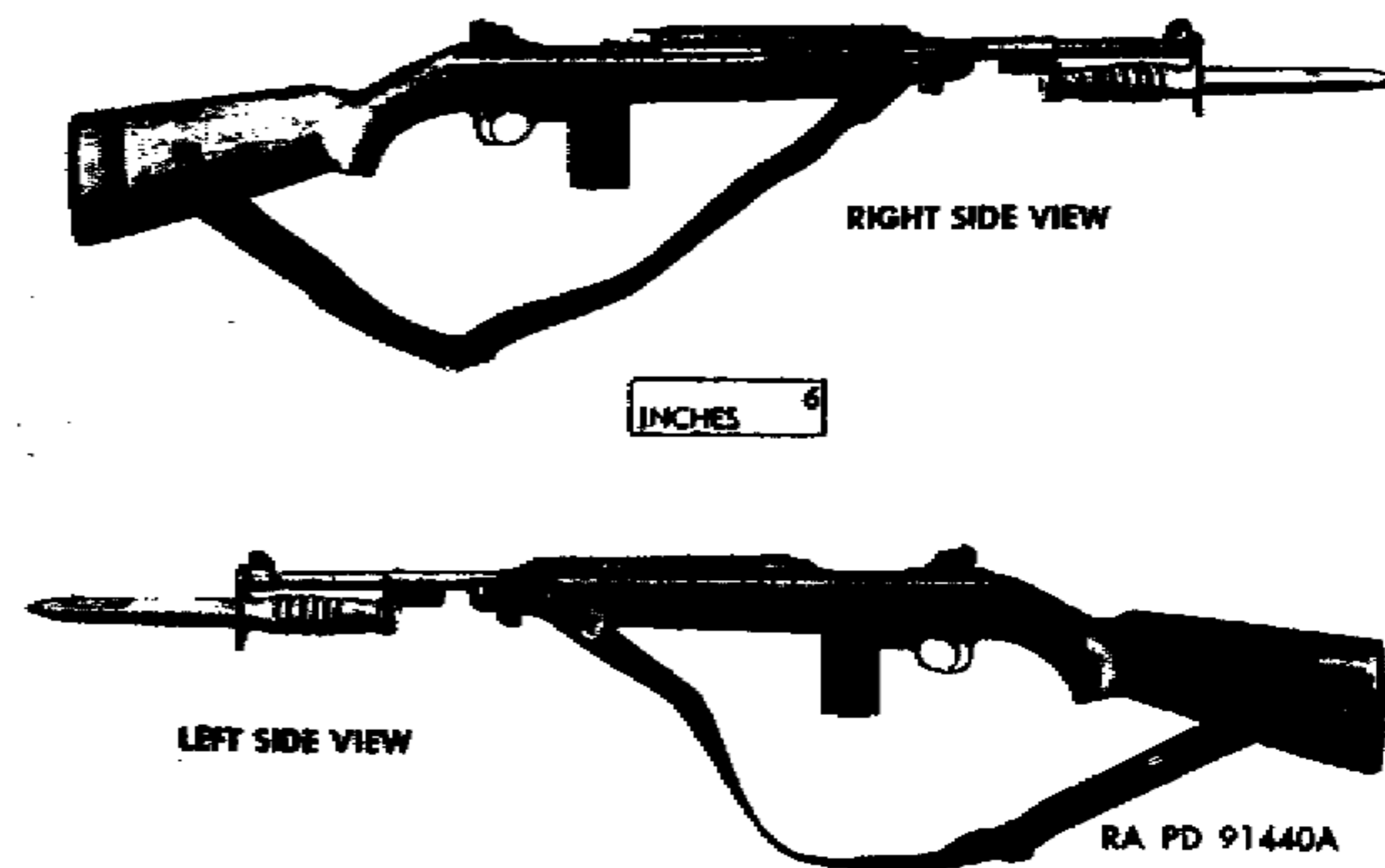


Figure 1. Cal. 30 carbine M1.

*c. Cal. 30 Carbines M2 and M3* (figs. 3 and 4). The carbine M2 is the same as the M1 except for differences in design of certain components and the addition of others (*d* below), which permit the M2 to deliver either semiautomatic or full automatic fire. The carbine M3 is the same as the M2 except that the rear sight is not included and the top of the receiver is designed to accommodate special sighting