

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR'S AND ORGANIZATIONAL
MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND
SPECIAL TOOLS LIST

RIFLE, CALIBER .30, AUTOMATIC,
BROWNING, M1918A2, W/E
(1005-674-1309)

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**RIFLE, CALIBER .30, AUTOMATIC: BROWNING, M1918A2,
W/E (1005-674-1309)**

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*This manual supersedes TM 9-1005-208-12P, 28 January 1964, in its entirety.

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

This manual contains instructions for the operation and organizational maintenance of Caliber .30 Browning Automatic Rifle M1918A2 allocated by the MAC (app B).

1-2. Forms and Records

a. General. Refer to TM 38-750 (Army Equipment Records Procedure) for forms and records required.

b. Recommendations for Maintenance Manual Improvements. Report of errors, omissions and

recommendations for improving this manual by the individual user is encouraged. Reports should be submitted on DA Form 2028, Recommended Changes to Publications, and forwarded direct to Commander, US Army Weapons Command, ATTN: AMSWE-MAS-SP, Rock Island, IL 61201.

1-3. Administrative Storage

Refer to TM 740-90-1 for administrative storage.

Section II. DESCRIPTION AND DATA

1-4. Description

a. General. The Caliber .80 Browning Automatic Rifle M1918A2 (fig. 1-1) is a fully automatic, air-cooled, gas-operated, magazine fed, shoulder-type weapon, designed primarily for use with a bipod. The rifle can be easily disassembled into groups and assemblies. It is composed of the magazine, trigger guard assembly, bolt group, gas cylinder and fore end group, slide and piston group, butt stock, buffer, and actuator group, bipod assembly, rear sight assembly, and barrel and receiver group. The rifle contains a cyclic rate mechanism which is housed in the stock and trigger guard mechanism. This mechanism allows two rates of automatic fire, one at 550 rounds per minute (normal cyclic rate) and one at 350 rounds per minute (slow cyclic rate). A brief description of the components is as follows: One each cartridge magazine (1, fig C-1), front sight cover (6, fig C-4), carrying handle (5, fig C-5), and small arms sling (1, fig C-5) are furnished as component items with each weapon.

b. Magazine. The magazine is located just forward of the trigger guard assembly at the bottom of the receiver. It holds 20 rounds of ammunition.

c. Trigger Guard Assembly. The trigger guard assembly is located on the bottom of the receiver.

d. Bolt Group. The bolt group is housed within the receiver.

e. Gas Cylinder and Fore End Group. The gas cylinder and fore end group is located just below the barrel on the front of the receiver. It consists of the fore end shield, gas cylinder assembly, fore end, front swivel assembly, and gas cylinder gun.

f. Slide and Piston Group. The slide and piston group is housed within the gas cylinder and fore end group and receiver.

g. Butt Stock, Buffer, and Actuator Group. The butt stock, buffer, and actuator group is housed within the stock of the rifle.

h. Bipod Assembly. The bipod assembly is located at the muzzle end of the barrel and is secured to the barrel by the friction washer, a flash hider and biped bearing.

i. Rear Sight Assembly. The rear sight assembly is located on the top of the receiver just forward of the stock.

j. Barrel and Receiver Group. The barrel and receiver group serves as a support for all major groups and assemblies of the rifle.