

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

ORGANIZATIONAL MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS
FOR

RIFLE, 7.62-MM, M14, W/E

(1005-589-1271)

RIFLE, 7.62-MM, M14A1, W/E

(1005-072-5011)

BIPOD, RIFLE, M2

(1005-711-6202)

HEADQUARTERS, DEPARTMENT OF THE ARMY

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ORGANIZATIONAL MAINTENANCE MANUAL

INCLUDING REPAIR PARTS AND

SPECIAL TOOLS LISTS

RIFLE, 7.62-MM, M14, W/ E

RIFLE, 7.62-MM, M14A1, W/ E

AND BIPOD, RIFLE, M2

This manual is current as of 27 June 1972

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* The manual supersedes TM 9-1005-223-20, 19 May 1967, including all changes.

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CHAPTER 1 INTRODUCTION

Section I. GENERAL

1-1. Scope

This manual contains instructions for organizational maintenance personnel responsible for performing maintenance on 7.62-MM R-file, M14, M14A1, Rifle Bipod, M2, and accessories as allocated by the Maintenance Allocation Chart (MAC).

1-2. Forms and Records

Maintenance forms, records, and reports which are to be used by maintenance personnel at all maintenance levels are listed and prescribed by TM 38-750.

1-3. Destruction of Material to Prevent Enemy Use. Refer to TM 750-244-7.

1-4. Reporting of Errors

Reports of errors, omissions, and recommendation for improving this publication user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to; Commanding General, US Army Weapons Command, ATTN: AMSWE-MAS /SP, Rock island, Illinois 61201.

Section II. DESCRIPTION AND DATA

1-5. Description

a. The 7.62-MM Rifle, M14 or M14A1, (figs 1-1 through 1-9) is a light-weight air-cooled, gas

operated, magazine fed, shoulder fired. It is used primarily for semiautomatic or full automatic fire.

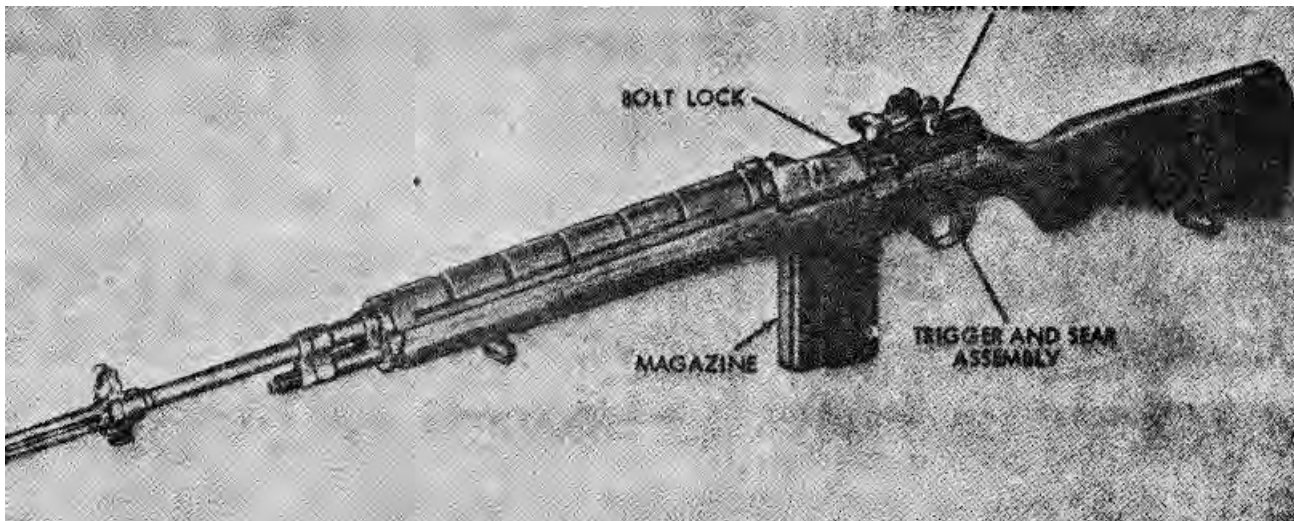


Figure 1-1. 7.62-MM Rifle. M14-left view.

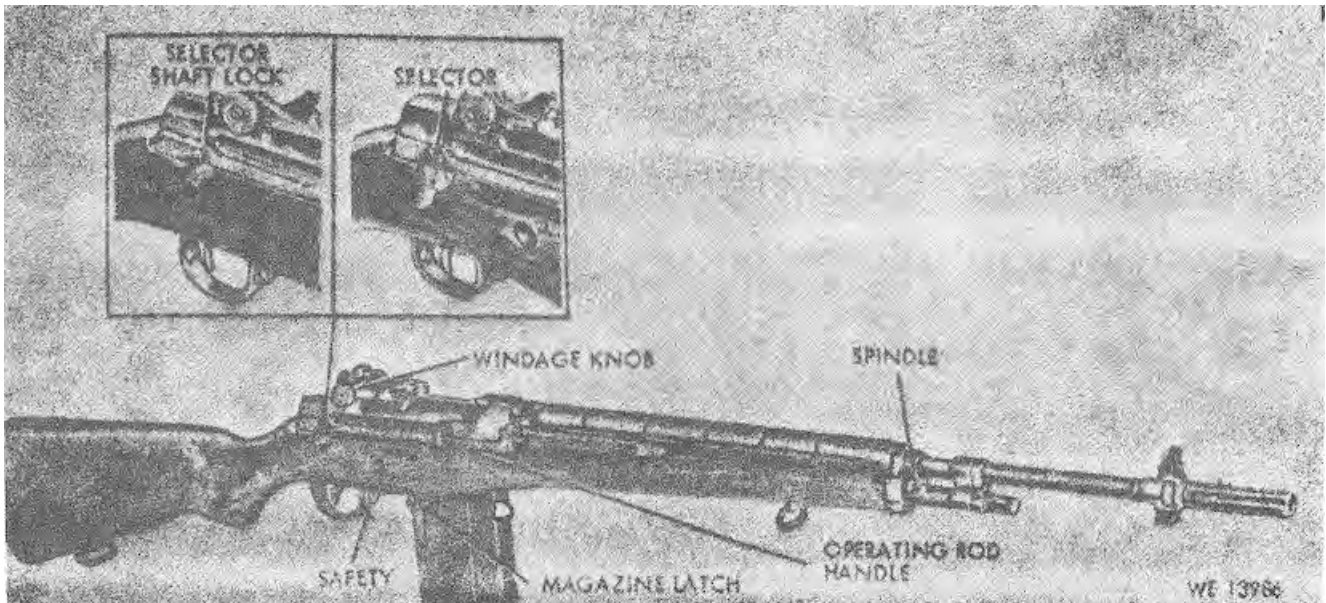


Figure 1-2. 7.62-MM Rifle, M14-right view.

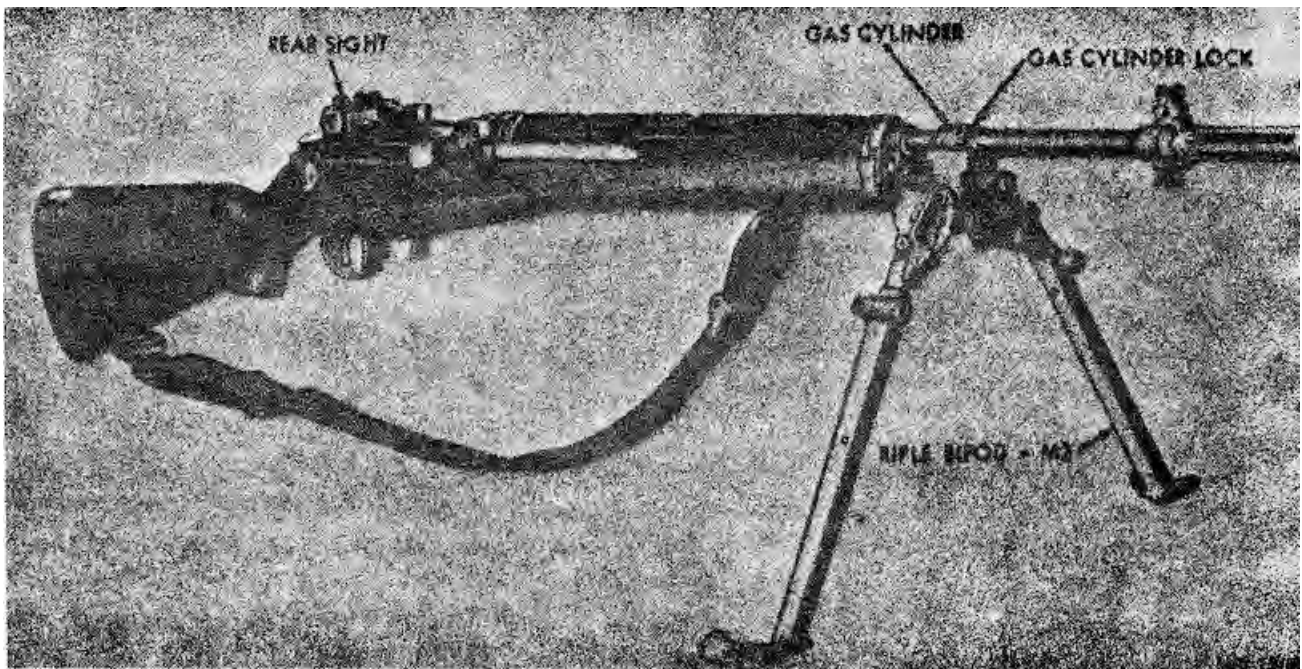


Figure 1-3. 7.62-MM Rifle, M14 with bipod.

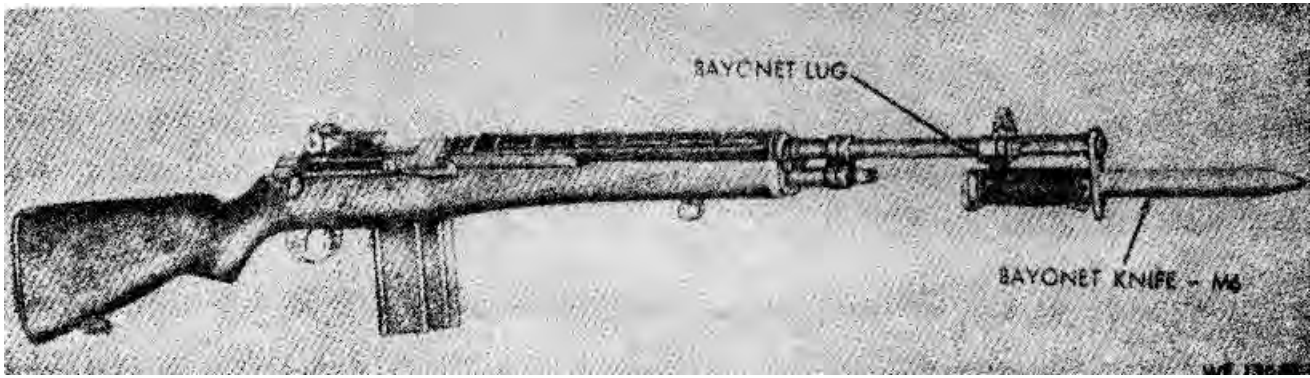


Figure 1-4. 7.62-MM Rifle ,M14 and Bayonet-Knife, M6.



Figure 1-5. 7.62-MM Rifle ,M14 and accessories.



Figure 1-6. 7.62-MM Rifle ,M14 and blank ammunition firing attachment and breech shield.

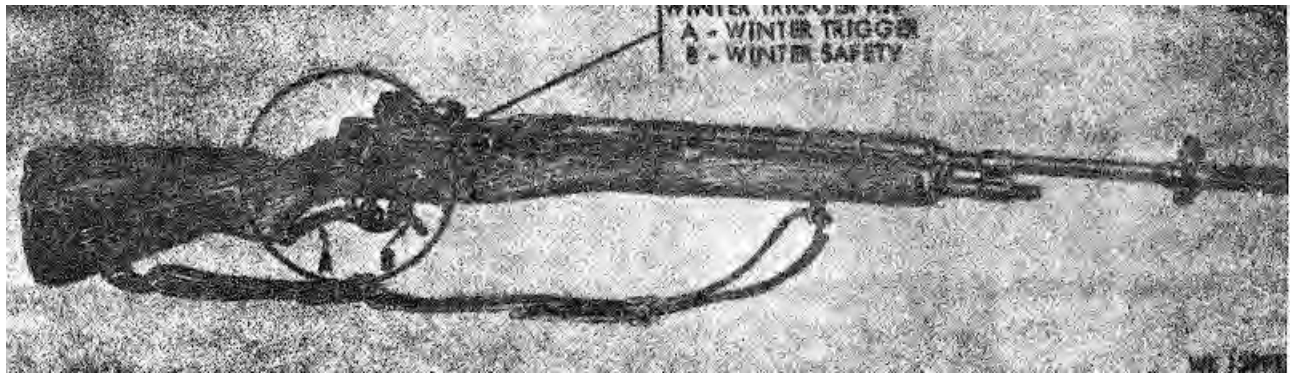


Figure 1-7. 7.62.-MM Rifle M14 with winter rigger kit.

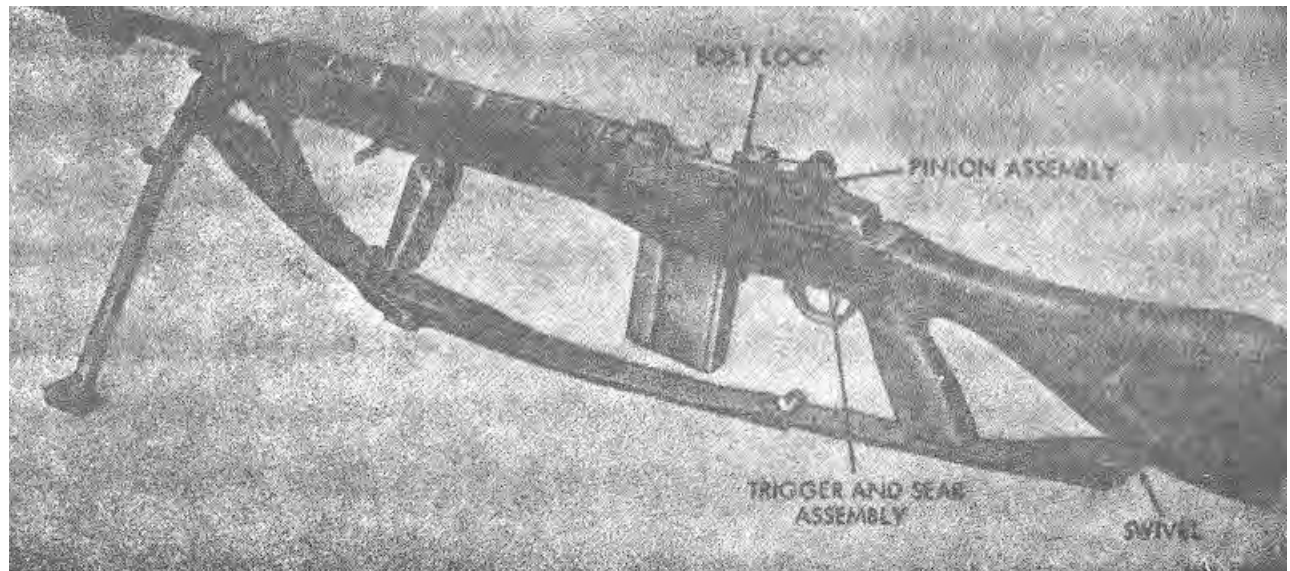


Figure 1-8. 7.62-MM Rifle M14A1-left view.

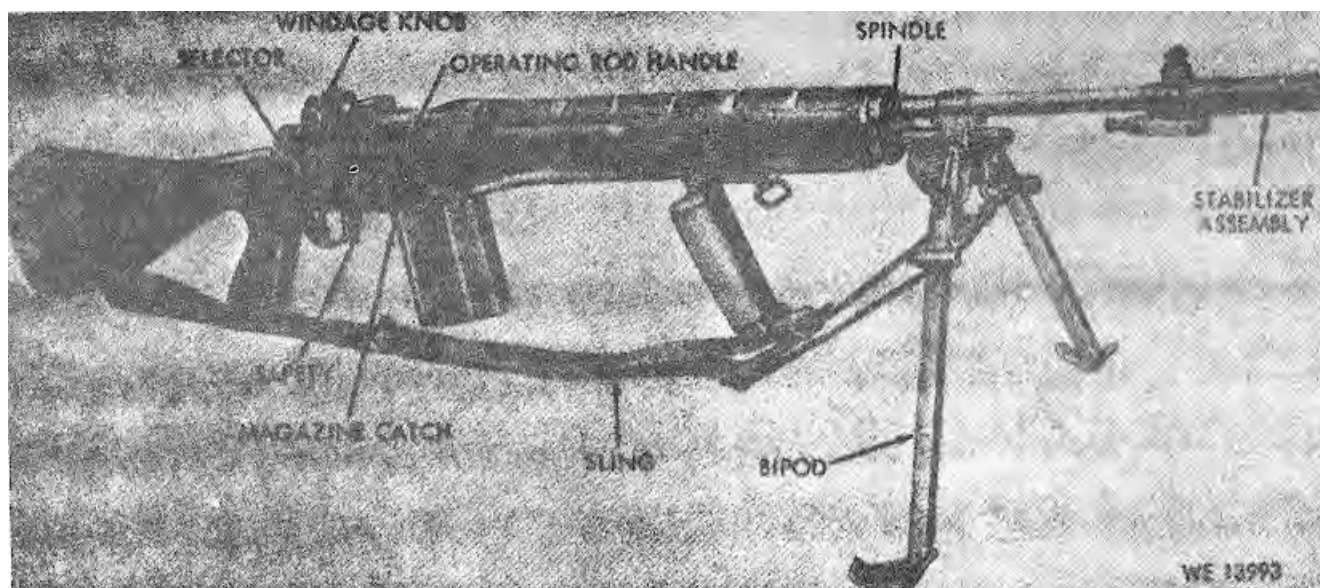


Figure 1-9. 7.62-MM-Rifle M14A1-right view.

b. The Rifle Bipod, M2 (fig 1-10) is a light weight portable, folding mount which is assembled to the gas cylinder of the rifle.

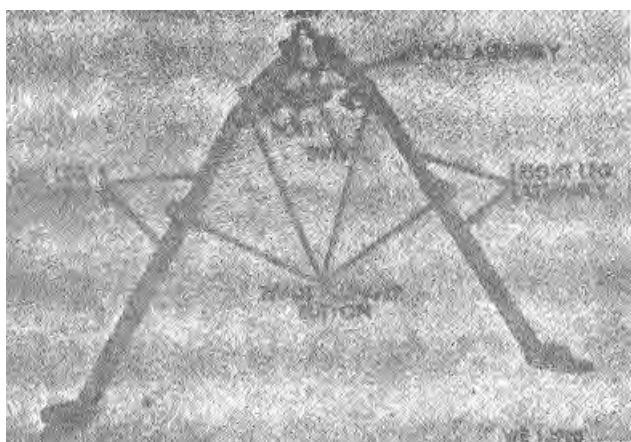


Figure 1-10. Rifle Bipod, M2.

c. Grenade Launcher Sight, M15 (fig 1-5) is used in conjunction with the Grenade Launcher, M76, (fig 1-5) when launching grenades from the 7.62-MM Rifle, M14. It consists of mounting scale plate and sight bar assembly. The mounting plate is attached to the left side of the stock by two screws. The sight bar assembly is attached to the mounting plate.

d. Bayonet-Knife, M6 (fig. 1-11) is used in conjunction with Rifle, M14 for close combat. It connects to the bayonet lug of the flash suppresser and a close loop in the handle encircles the flash suppresser.

e. The Bayonet-Knife Scabbard, M8A1 (fig 1-11) serves as a carrier for the bayonet-knife when it is not installed to the rifle.

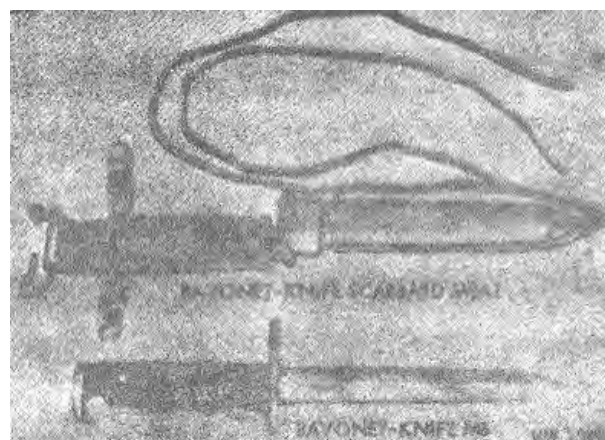


Figure 1-11. Bayonet-Knife M6 end Scabbard M8A1.

f. The blank ammunition firing attachment consists of the M12 firing attachment and the M3 breech shield (fig 3-1). It is used to fire blank ammunition. The blank firing attachment has an orifice tube which slides into the muzzle opening of the flash suppresser. It is secured by the bayonet lug and a spring clip latch. The shield is secured to the cartridge guide by a guide lug with a spring plunger.

g. The winter trigger kit M5 is used in cold weather or arctic operation of rifles. The winter trigger kit (fig 1-7) is assembled to the stock assembly with screws.

1

1-6. Tabulated Data

Refer to TM 9-1005-223-10 for tabulated data not listed below.

Chamber pressure (amx) ----- 50, 000 psi

Weight (M14 w/e and loaded magazine-----10.1 lb approx

Weight (M14A1 w/e and loaded magazine -----13.12 lb approx

1-7. Administrative Storage

Refer to TM 740-90-1.

CHAPTER 2

ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

Section I. SERVICE UPON RECEIPT OF MATERIEL

2-1. Inspecting, Servicing, and Installation Instructions

When equipment is first received by the using organization, inspect all assemblies, subassemblies, and accessories to certify that they are properly assembled, secured, cleaned, correctly adjusted, and lubricated. Check all tools and equipment against the basic issue item list in TM 9-1005-223-10 to make sure

every item is present, in good condition, clean and correctly assembled. If any, make a record of missing parts and malfunctions. The shipping containers should be retained for possible reuse. For installation of components of the 7.62-MM Rifles M14, M14A1 and accessories, refer to pertinent chapters in this manual. 2.-2. Inspection and Service Refer to table 2-1.

Table 2-1. Inspection and Service,

Step	Action	Reference
1	Unpack	
2	Clean	
3	Check for missing parts	Para 2-1
4	Check for damaged parts	
5	Lubricate	Para 2-5
6	Perform operational check	

Section II. REPAIR PARTS, SPECIAL TOOLS, AND EQUIPMENT

2-3. General

Repair parts, special tools, test, and support equipment are listed in appendix C.

2-4. Maintenance Supplies and Materials Table 2-2 lists lubricating, cleaning, maintenance materials, and their stock numbers that are authorized for maintenance of the rifles. Pertinent authorized documents are the proper requisitioning authority for these maintenance

expendable supplies and materials. The maintenance level column indicates the lowest category of maintenance authorized to utilize the particular item. The maintenance level codes used are:

Code	Explanation
C	Operator / crew
O	Organizational Maintenance