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## THE REISING SUBMACHINE GUN, CALIBER .45, MODELS 50, 55, AND 60

### I. RULES FOR CARRYING THE REISING SUBMACHINE GUN

Unless otherwise prescribed, the Reising submachine gun (with or without magazine) is habitually carried slung over the right shoulder, butt down, barrel to the rear, right hand grasping the sling, hand in front of armpit.

For marches and field exercises, the Reising submachine gun may be carried slung over either shoulder.

When troops are at ease, the piece is kept slung unless otherwise ordered.

When troops are at rest, the piece may be unslung and held in any convenient position.

Only the following movements of the manual are executed by men armed with the Reising submachine gun.

(1) **PARADE REST.**—If at sling arms, execute as without arms keeping the right hand on the sling.

(2) **INSPECTION ARMS:**

Being at **SLING ARMS**, at the preparatory command **INSPECTION**, the left hand grasps the piece just below the magazine guide and carries the piece diagonally across the body. At the same time, the right arm is disengaged from between the sling and the weapon, the right hand grasping the small of the stock when the left hand is in front of the center of the body. The left hand then encircles the magazine, fingers to the front, thumb to the rear, thumb and forefinger pressing against the magazine catch. The magazine is withdrawn by the left hand and placed in the belt or pocket, and the piece is regripped by the left hand just below the magazine guide. At the command of execution **ARMS**, the thumb of the left hand retracts the action bar, the fingers of the left hand grasping the piece when the action bar is fully retracted. Lower the head and eyes slightly and at the same time turn the piece sharply, barrel to the rear, sufficiently

to glance into the chamber. Having found no cartridges in the chamber, the piece is turned sharply barrel up, at the same time raising the head and eyes to the position of attention.

(3) Being at INSPECTION ARMS.—At the next preparatory command, release the action bar, pull the trigger, remove the magazine from the belt or pocket, insert in the piece, and regrasp the piece with the left hand just below the magazine guide. At the command of execution, execute SLING ARMS.

Men armed with the Reising submachine gun salute with the hand salute when not in ranks. In ranks, they do not salute.

## II. DESCRIPTION

### A. GENERAL

The Reising submachine gun, caliber .45, Model 50, 55, or 60, is an air-cooled, delayed blow-back, magazine-fed hand or shoulder weapon, which may be fired from any position and with one or both hands.

The exterior surface of the rear part of the barrel is made with radial flanges or cooling fins, which radiate the heat from the barrel during firing, thus cooling the barrel.

The type of fire is selective, either automatic or semiautomatic.

The weapon is fed from a box-type magazine, having a capacity of 20 rounds, and is intended for, and capable of, intensive fire against personnel within a range of 300 yards.

When a round is fired, the blow-back, delayed by the friction of cammed surfaces and the resistance of the action bar spring, is utilized to force the action bar and bolt to the rear, unlocking the bolt, extracting and ejecting the fired cartridge case, recocking the hammer, and compressing the action bar spring.

On termination of the rearward motion of the action bar and bolt, the action bar spring causes the action bar and bolt to move forward. During the forward motion, a cartridge is stripped from the magazine by the feed rib of the bolt and chambered. On termination of the forward motion, the weapon is loaded, the bolt locked, and the piece ready for firing.

The same mechanism is used in Models 50, 55, and 60. The model numbers indicate differences in stock or barrel length.

Model 50 is distinguished by its conventional rifle stock and by the addition of a compensator. This model is fitted with an 11-inch barrel and has the general appearance of a carbine.

Model 55 is distinguished by its folding steel stock which gives the weapon unusual compactness.

Model 60 is similar to Model 50 but is fitted with an 18-inch barrel, and is capable only of semiautomatic fire. It is not fitted with a connector.

### B. OPERATION

The submachine gun is designed to fire cartridges, ball or tracer, caliber .45, M1911 or similar. The magazine holds 20 cartridges. Although more than 20 cartridges may be loaded into the magazine, such practice may result in a malfunction.

When the selector is set on "F. A." or "Full Automatic," the piece will fire as long as the trigger is depressed or cartridges remain in the magazine.

When the selector is set on "S. A." or "Semiautomatic," the piece will fire once each time the trigger is depressed and until the magazine is emptied.

When the selector is set on "Safe," the piece cannot be fired.

**NOTE.**—Before moving the selector from "F. A.," retract the action bar about one-fourth inch to allow connector to disengage from the action bar, should it be so engaged.

Magazines are inserted into the magazine guide and pressed upward until engaged by the magazine catch.

Magazines are released by pressing the magazine catch to the rear and withdrawing the magazine. On later models, the new type two-way release magazine catch release permits magazine removal with one hand, by pushing forward on the magazine release and withdrawing the magazine with the fingers of the same hand.

To prepare the gun for firing with a loaded magazine seated in the magazine guide, retract the action bar with the left forefinger, thus cocking the firing mechanism. When the action bar is fully retracted, remove the forefinger and allow the action bar to snap forward, thus loading and locking the piece. The piece may now be fired by depressing the trigger.

The rear sight is adjustable to ranges of 50, 100, 200, and 300 yards by raising the rear sight and sliding the elevator forward or back until the ears of the rear sight are able to engage in the desired cuts in the elevator.



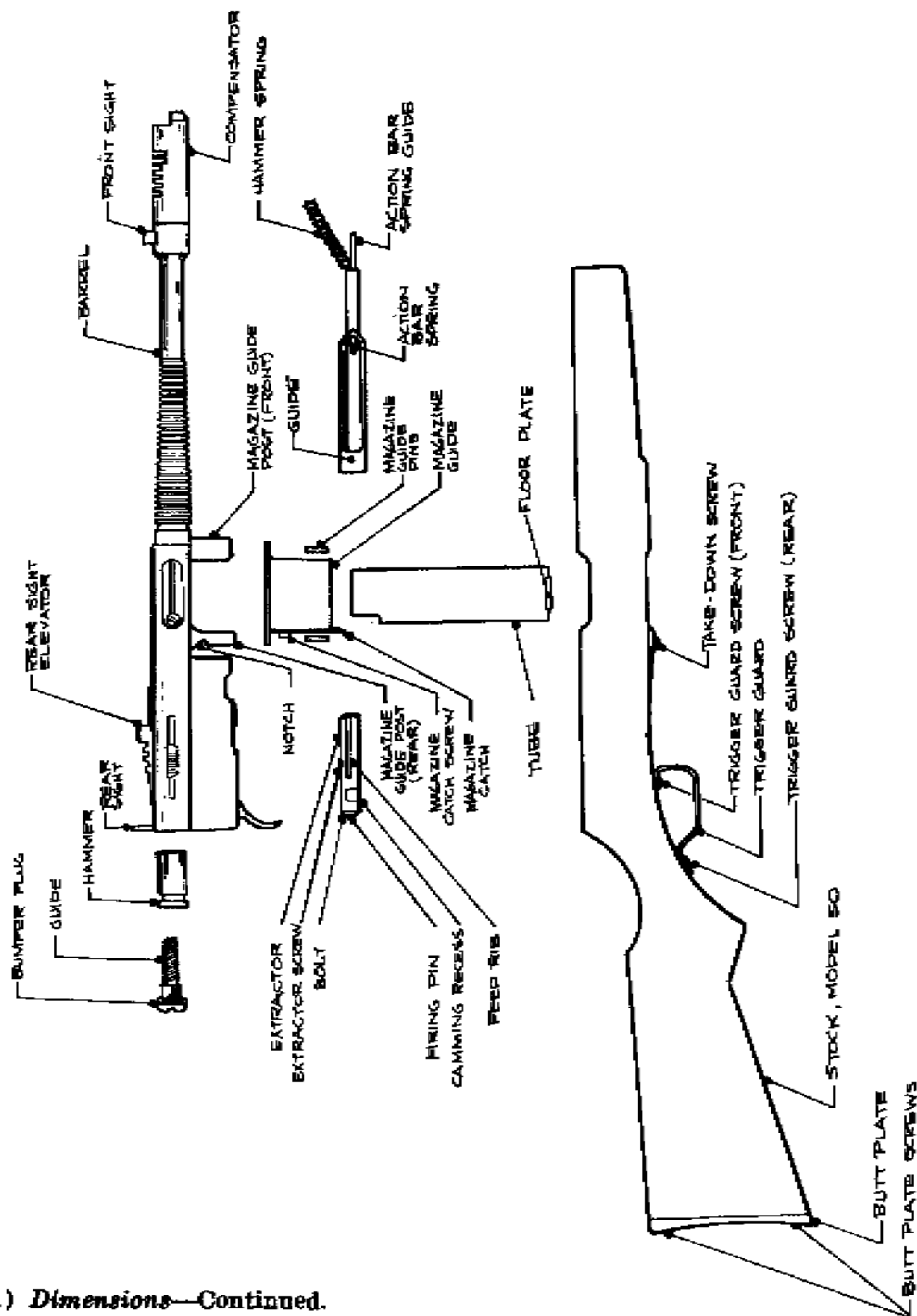


FIGURE 3.

(1) *Dimensions—Continued.*

(b) Gun:

Over-all length of Model 50, including compensator	inches	35.25
Over-all length of Model 55	do	22.25
Length of barrel and receiver w/o compensator, Model 55	do	19.00
Sight radius, Models 50, 55	do	18.00
Length of compensator	do	3.25
Sight radius, Model 60	do	25.00

(2) *Weights.—*

(a) Gun:

Model 50 w/o magazine	pounds	6.75
Model 55, w/o magazine	do	6.25
Model 60, w/o magazine	do	7.00

(2) *Weights—Continued.*

(b) Magazine:

Loaded 20-round magazine	pounds	1.40
Empty 20-round magazine	do	.35

D. MISCELLANEOUS DATA

(Approximate)

Initial velocity	feet per second	920
Pressure in chamber, pounds per square inch		12,000-16,000
Weight of cartridge, ball	grains	325
Weight of bullet	do	234
Weight of powder charge	do	5
Cyclic rate of fire, shots per minute		450-500

E. NOMENCLATURE OF COMPONENT PARTS

(1) *Submachine gun—*

1. Action Bar.

- a. Camming lug.
- b. Connector recess.
- c. Fingertiece.
- d. Guide.

2. Action bar spring.

3. Action bar spring guide.

4. Automatic connector.

- a. Hook.
- b. Rear arm.
- c. Stud.

5. Barrel.

6. Bolt.

- a. Camming recess.
- b. Feed rib.

7. Bumper plug.

- a. Guide.

8. Bumper plug plunger.

9. Bumper plug plunger spring.

10. Compensator (Models 50, 60).

11. Connector plunger.

12. Connector plunger spring.

13. Disconnecter.

14. Disconnecter pin.

15. Disconnecter spring.

16. Ejector.

17. Extractor.

18. Extractor screw.

19. Firing pin.