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TM 9-1005-262-15

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL, DIRECT AND GENERAL SUPPORT, AND DEPOT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOL LISTS)

ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: DOOR MOUNTED, LIGHTWEIGHT, XM23 (USED ON UH-1D HELICOPTERS) AND ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: DOOR MOUNTED, LIGHTWEIGHT, XM24 (USED ON CH-47A HELICOPTERS)

HEADQUARTERS, DEPARTMENT OF THE ARMY
AUGUST 1965

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Technical Manual
No. 9-1005-262-15

HEADQUARTERS,
DEPARTMENT OF THE ARMY
Washington 25, D. C., 30 August 1965

ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: DOOR MOUNTED, LIGHTWEIGHT, XM23 (USED ON UH-1D HELICOPTERS) AND ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: DOOR MOUNTED, LIGHTWEIGHT, XM24 (USED ON CH-47A HELICOPTERS)

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CHAPTER 1
INTRODUCTION

Section I. GENERAL

1–1. Scope

This manual contains information and instructions for operation and maintenance of 7.62–millimeter machine gun helicopter armament subsystems XM23 and XM24. The order of disassembly is in accordance with the numbering and lettering as shown on the illustration, unless otherwise indicated. Assembly is in reverse order of disassembly.

1–2. Maintenance Allocation Chart

See Appendix II.

1–3. Forms, Records, and Reports

a. Authorized Forms. Refer to DA Pam 310–2 and TM 38–750. Use DA Form 2028 for direct reporting of errors, omissions and recommendations for improvement direct to: Commanding General, U. S. Army Weapons Command, ATTN: AMSWE–SMM–P, Rock Island Arsenal, Rock Island, Illinois 61202.

b. Field Report of Accidents.

(1) *Injury to personnel or damage to materiel.* Refer to AR 385–40.

(2) *Ammunition.* Refer to AR 700–1300–8.

Section II. DESCRIPTION AND DATA

1–4. Description

a. Armament Subsystems. Subsystem XM23 is used on the UH—1D helicopter (fig. 1–1) and subsystem XM24 is used on the CH–47A helicopter (fig. 1–2). For subsystem components and equipment, refer to figures 1–3 through 1–7.

b. Machine Gun XM60D. The machine gun is mounted on the left and right side mount assemblies of each subsystem.

c. Mount Assembly XM23. Left side and right side mount assemblies are attached to hard points on the underside of the helicopter (fig. 1–4). A traversing lock on the post pintle secures the machine gun in stowed position. Maximum elevation, depression and traverse of the machine gun are controlled by the pintle pivot.

d. Mount Assembly XM24. The two mount assemblies are installed horizontally, right mount assembly across the right cabin doorway and the left mount assembly across the escape hatch on the left side of helicopter, and each mount assembly attaches to the wall frame members (fig. 1–6). One shock cord assembly is attached to the rear mounting bracket of each mount assembly and is used to stow machine gun. Maximum elevation, depression, and traverse movements of the machine gun on mount assembly are controlled by the pintle pivot.

1–5. Tabulated Data

a. Mount Assembly XM23.

Elevation	Forward 0 mils
	Aft +178 mils
	Side +89 mils
Depression	Forward 1510 mils
	Aft 1333 mils
	Side 1422 mils
Traverse	2914 mils

b. Mount Assembly XM24.

Elevation	Forward –107 mils +3
	Aft +151 mils +6.5
Depression	1386 mils max right side
	1191 mils max left side
Traverse	Forward 1066 mils
	Rearward 1066 mils



Figure 1–1. 7.62-millimeter machine gun helicopter armament subsystem XM23—installed on UH-1D helicopter.

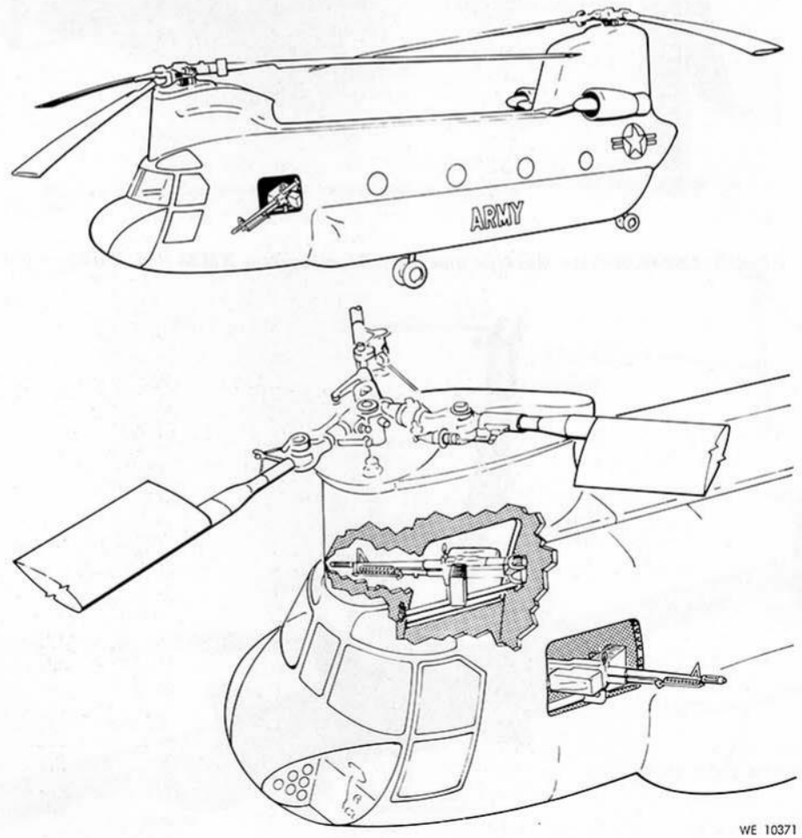


Figure 1–2. 7.62-millimeter machine gun helicopter armament subsystem XM24—installed on CH-47A helicopter.

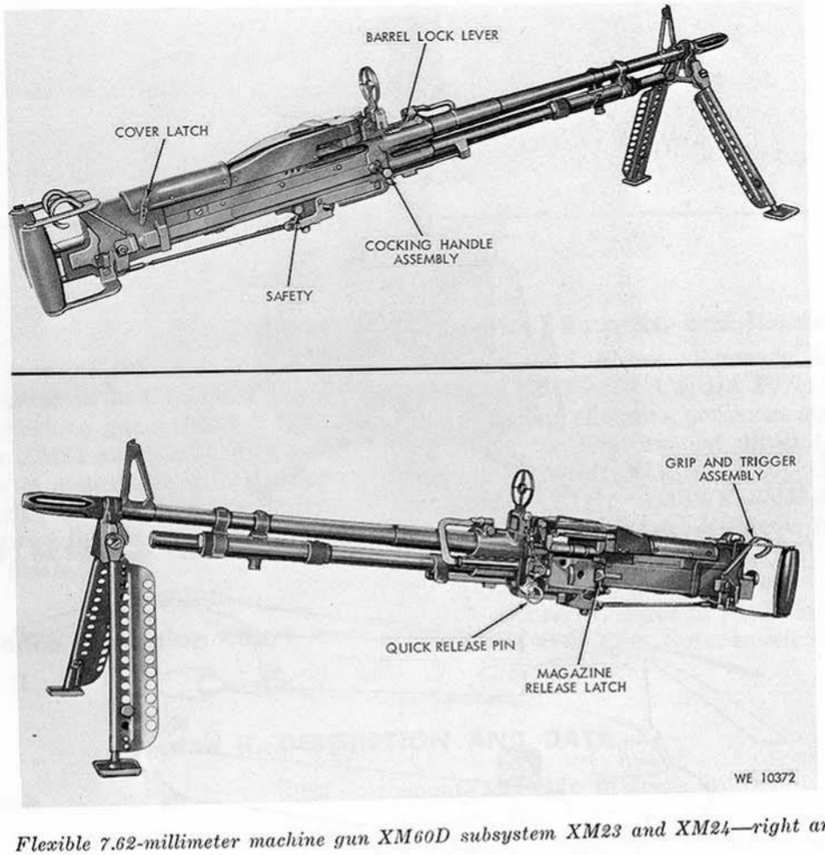


Figure 1–3. Flexible 7.62-millimeter machine gun XM60D subsystem XM23 and XM24—right and left view.

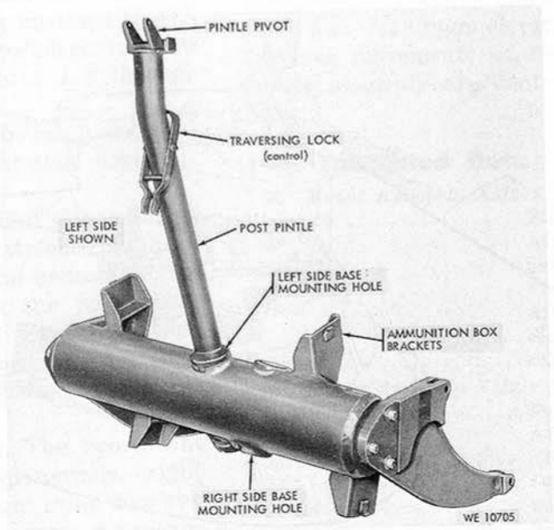


Figure 1–4. Mount assembly XM23—left side shown.

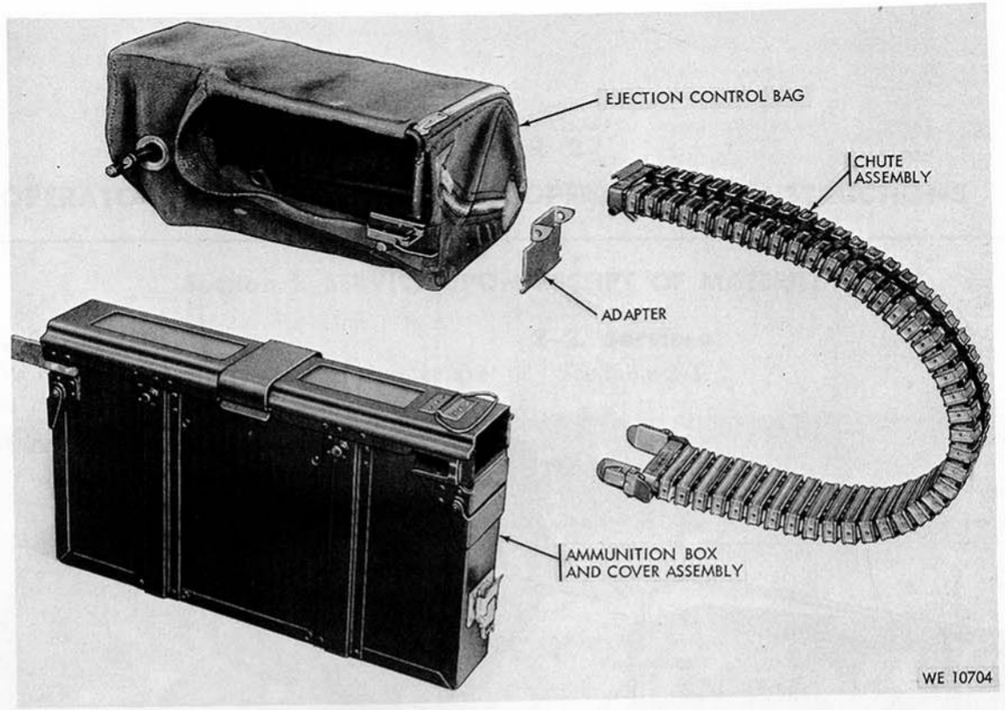


Figure 1–5. Equipment for mount assembly XM23—right and left sides.

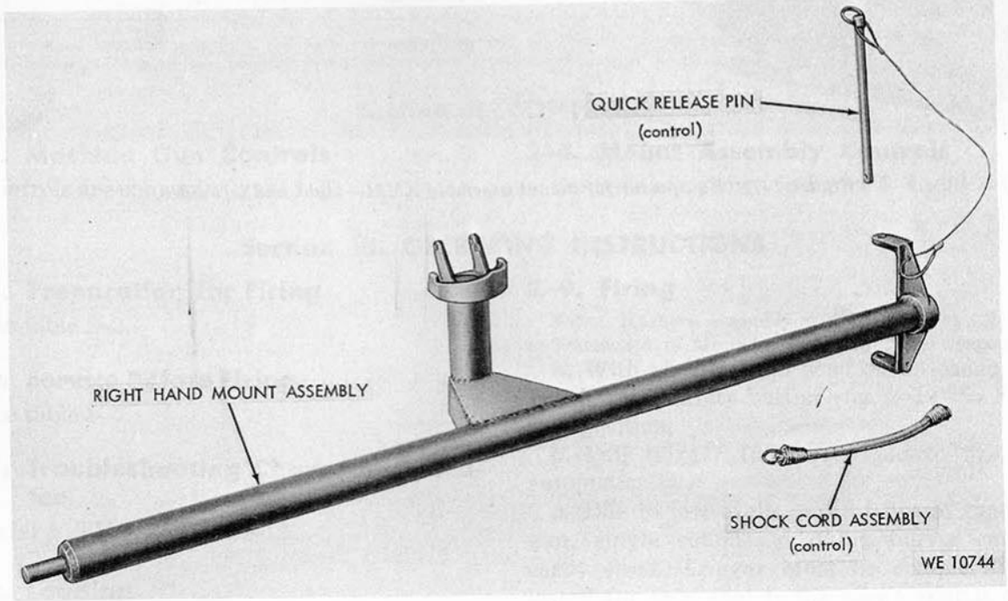


Figure 1–6. Mount assembly XM24—left side shown.

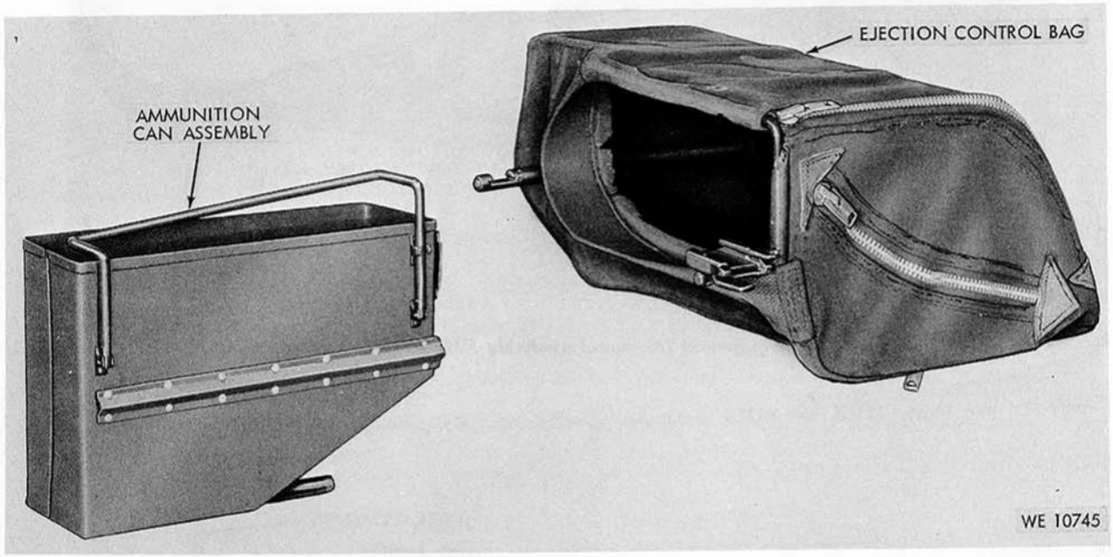


Figure 1–7. Equipment for mount assembly XM24—right and left sides.

CHAPTER 2
OPERATOR AND GROUND CREW OPERATIONAL INSTRUCTIONS

Section I. SERVICE UPON RECEIPT OF MATERIEL

2–1. Scope

The instructions covered in this chapter are to be performed by the operator and aircraft armament repairman.

2–2. Services

See table 2–1.

TABLE 2–1. *Service Upon Receipt of Materiel*

Item	Checks and Procedures	References
Tools	Check against packing list in packing box for missing items.	Appx I
Equipment	Missing items and condition of items	Appx I
Mount assembly XM23 or Mount assembly XM24	Check mount assemblies for damage, missing parts and unpainted surfaces.	TM 9–213 and Appx I
Machine gun XM60D	Remove[1] VCI packaging, clean barrel, remove plastic cap,[2] operate weapon and lubricate.	Para 3–7 Lubrication chart
Barrel assembly	Remove[1] VCI packaging, clean barrel, install gun and check for positive retention, check bipod legs, and place in carrying case.	Para 3–7 Appx I Lubrication chart

[1] VCI wrapped weapons, equipment, and parts not immediately used will be stored in their VCI packings.
[2] Retard forward force of bolt assembly to prevent damage to tray assembly when no ammunition is present.

Section II. CONTROLS

2–3. Machine Gun Controls

Controls are shown in figure 1–3.

2–4. Mount Assembly Controls

Controls are shown in figure 1–4 and 1–6.

Section III. OPERATING INSTRUCTIONS

2–5. Preparation for Firing

See table 2–2.

2–6. Service Before Firing

See table 3–1.

2–7. Troubleshooting Chart for Operator

Refer to TM 9–1005–224–12.

2–8. Loading

Refer to figure 2–13.

2–9. Firing

Note. Harness assembly will be worn at all times and attached to aircraft when firing the weapon.

a. With machine gun positioned, loaded, and aimed, push safety button (fig. 2–12) to FIRE "F" position.

b. Pull trigger fully and hold to fire gun automatically.

c. Due to low cyclic rate of fire of machine gun, single rounds or short bursts can be easily fired. Trigger must be completely released for each shot to fire single rounds or to interrupt firing at any time.

Note. When a single round only is to be fired, retract bolt assembly, move safety button to SAFE "S" position, open cover assembly, make sure chamber is empty, position de-linked round in the tray assembly groove, and close cover assembly to hold round in place.

Note. When belt is exhausted, the last two links will remain in tray assembly. Links and end link plug can be removed by hand after cover assembly is opened for loading.

TABLE 2-2. *Preparation for Firing*

Sequence No.	Procedures	References
1	Install mount assemblies—XM23 or XM24	Fig. 2-1, 2-2, and 2-3
2	Install machine gun XM60D	Fig. 2-4
3	Check bipods	TM 9-1005-224-12
4	Check traverse right and left, and depression of subsystem XM23	Fig. 2-5
5	Check traverse right and left, and depression of subsystem XM24	Fig. 2-6
6	Install ejection control bag	Fig. 2-7
7	Install ammunition box and cover assembly and chute assembly for subsystems XM23	Fig. 2-8, 2-9
8	Install ammunition can assembly for subsystem XM24	Fig. 2-10
9	Charge weapon	Fig. 2-11
10	Push safety into SAFE "S" position	Fig. 2-12
11	Load ammunition	Fig. 2-13
12	Stow weapon until used for subsystem XM23 or XM24	Fig. 2-14, 2-15

2-10. Failure to Fire

a. Misfire. A misfire is a complete failure to fire. It must be treated as a hangfire until such possibility has been eliminated.

b. Hangfire. A hangfire is a delay in functioning of a propelling charge. Time intervals prescribed in paragraph 2-11 should be observed after a failure to fire.

c. Cook-Off. A cook-off is firing of the chambered round due to heat of a hot barrel. A cook-off may occur from ten seconds to five minutes after round has been in contact with a hot barrel.

2-11. Immediate Action Procedures for Removing a Round in Case of Failure to Fire

a. If a stoppage occurs, wait five seconds, retract cocking handle assembly to rear, insuring that operating rod assembly remains to the rear.

b. If round *is* ejected, return cocking handle assembly to forward position, relay on target and attempt to fire. If weapon does not fire, it must be cleared and weapon and ammunition inspected to determine cause of stoppage.

c. If round *is not* ejected, move the safety to SAFE "S" position. Remove ammunition and links, inspect receiver assembly and move the safety to FIRE "F" position, and attempt to fire. If round does not fire and barrel is considered hot enough to cause a cook-off (200 rounds fired within two minutes), wait five minutes with the bolt assembly in the forward position. Remove round, reload.

Note. Disregard the five minute wait if weapon is not hot enough to cause a cook-off.

2-12. Runaway Gun

If gun continues to fire after trigger assembly has been released, immediately open cover assembly permitting the bolt assembly to go underneath the round of ammunition and stop in the forward position.

2-13. Extracting a Ruptured Cartridge Case

Position ruptured cartridge case extractor in chamber. Insert cleaning rod into muzzle end of barrel and, by tapping lightly with the hand, remove extractor.

2-14. Unloading

Raise cover assembly, remove link belt. Inspect the chamber.

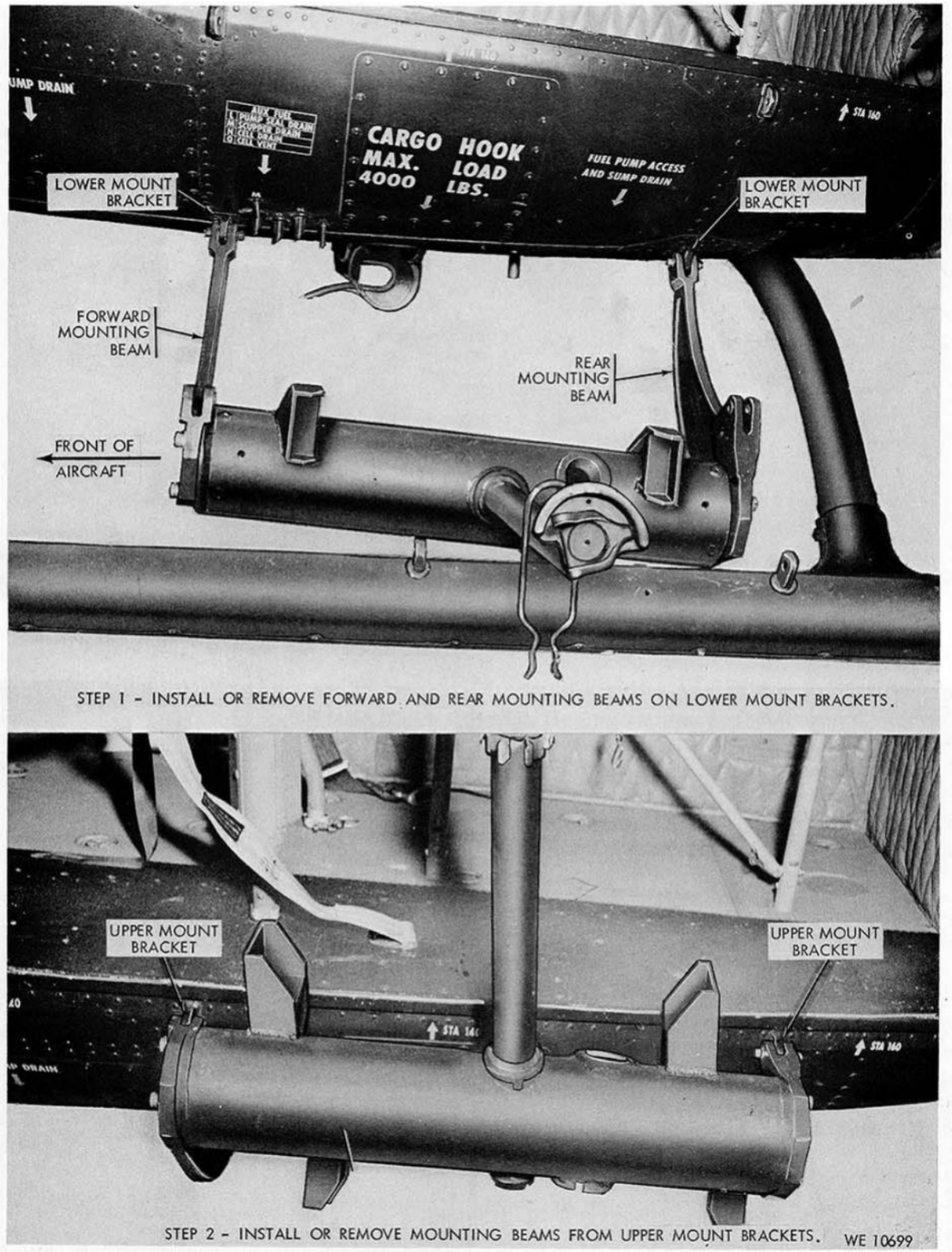


Figure 2-1. Removal or installation of mount assembly XM23—UH-1D helicopter—left side shown.

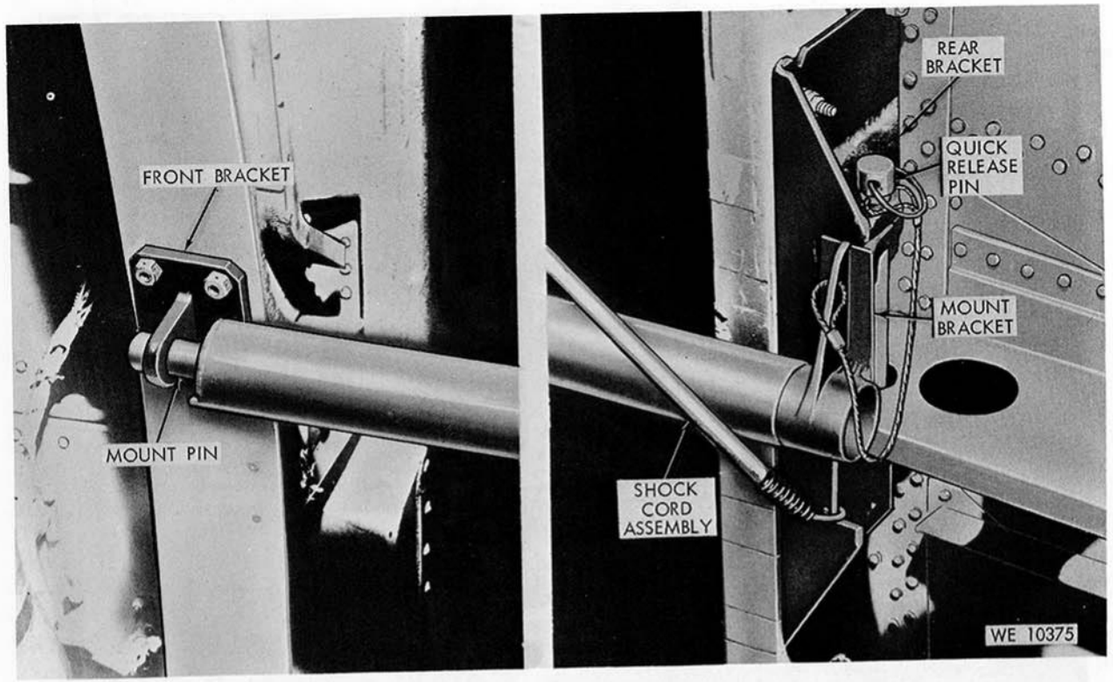


Figure 2–2. Removal or installation of mount assembly XM24—CH–47A helicopter—left side shown.

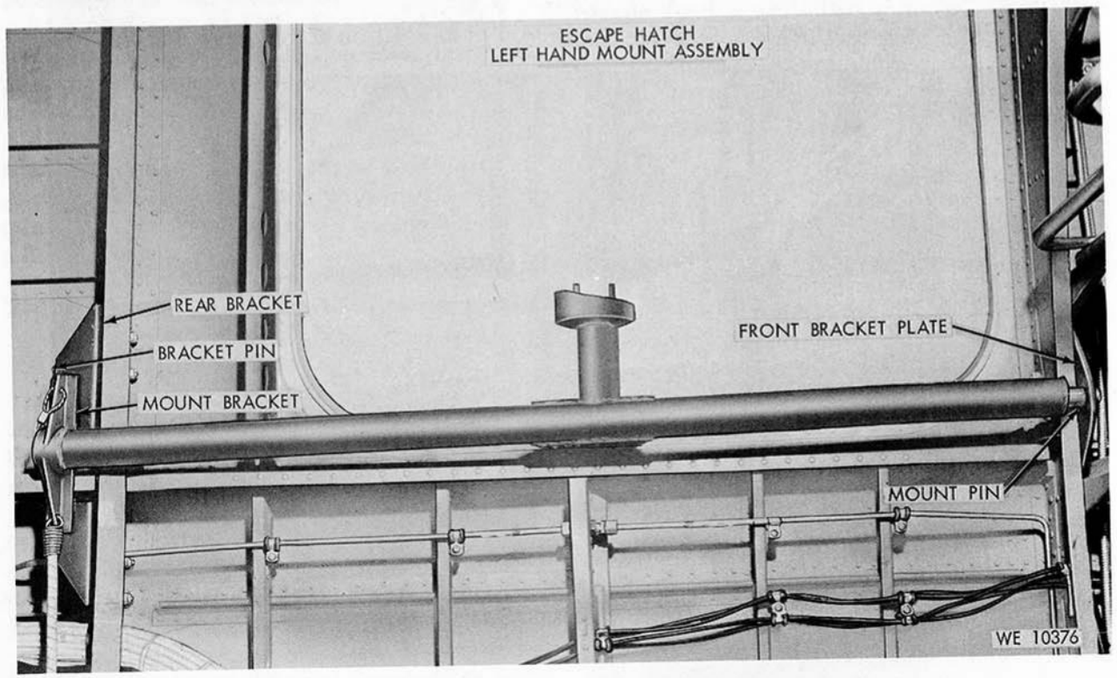


Figure 2–3. Removal or installation of mount assembly XM24—CH–47A helicopter—right side shown.

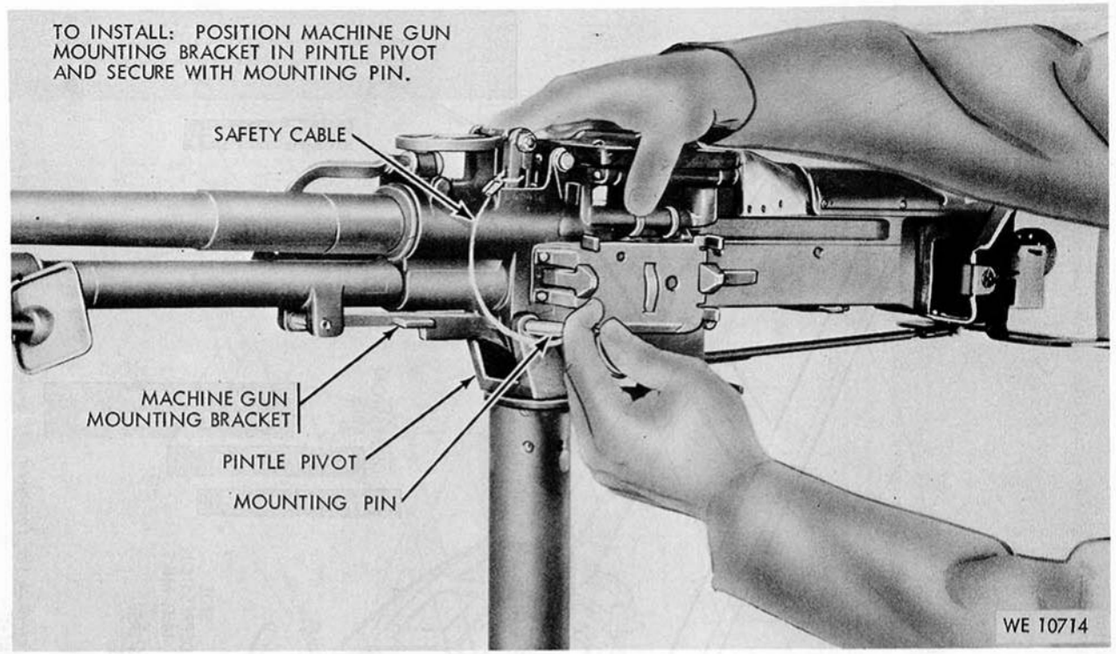


Figure 2–4. Machine gun XM60D positioned on left or right mount assembly XM23 or XM24.

2–15. Double Feeding

Whenever a stoppage occurs with bolt assembly in forward position, assume that a round is chambered and stoppage must be treated as a hangfire (para 2–10*b*).

Under no circumstances, following any stoppage, will bolt assembly be retracted and allowed to go forward (without first having inspected chamber to ensure that it is clear) stripping another round from ammunition belt. In event such a chamber inspection is not performed and a round remains undetected in the chamber, the nose of second round can detonate the primer of the chambered round causing an explosion in receiver assembly. Damage to the weapon and/or injury to personnel could result.

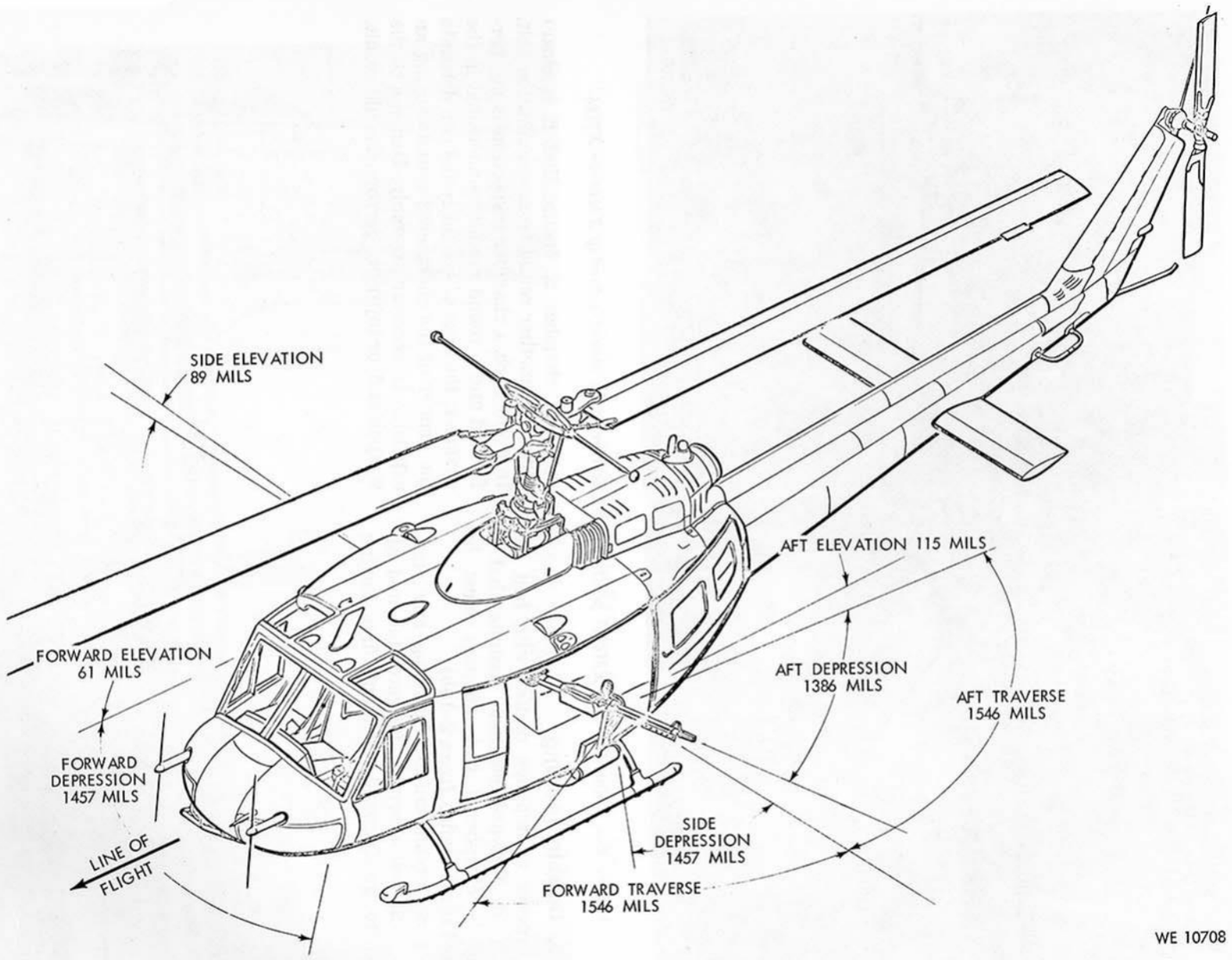


Figure 2–5. Machine gun XM60D installed and traversed in the forward aft and down positions—UH–1D helicopter.

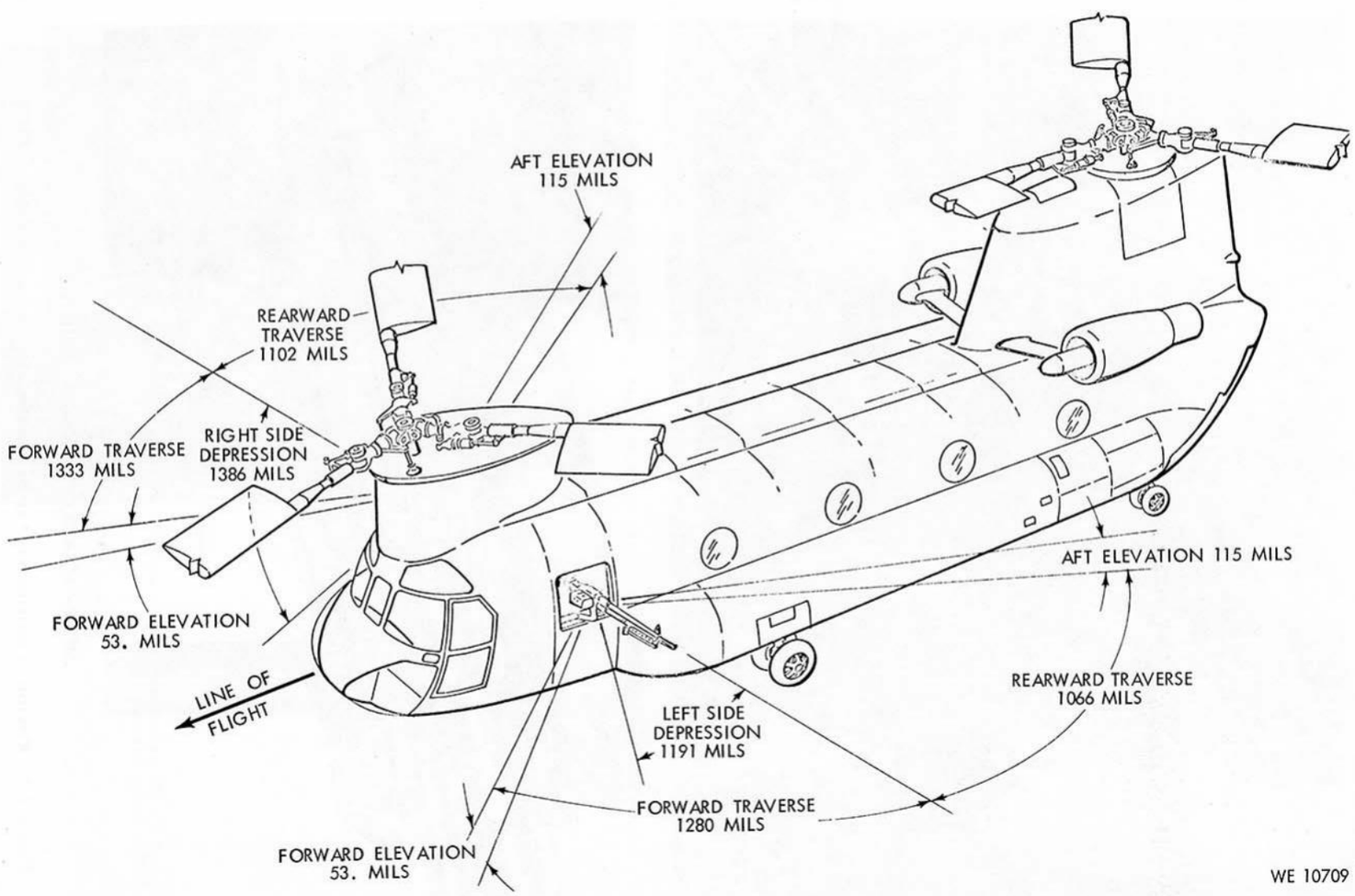


Figure 2–6. Machine gun XM60D installed and traversed in the forward aft and down positions—CH–47A helicopter.

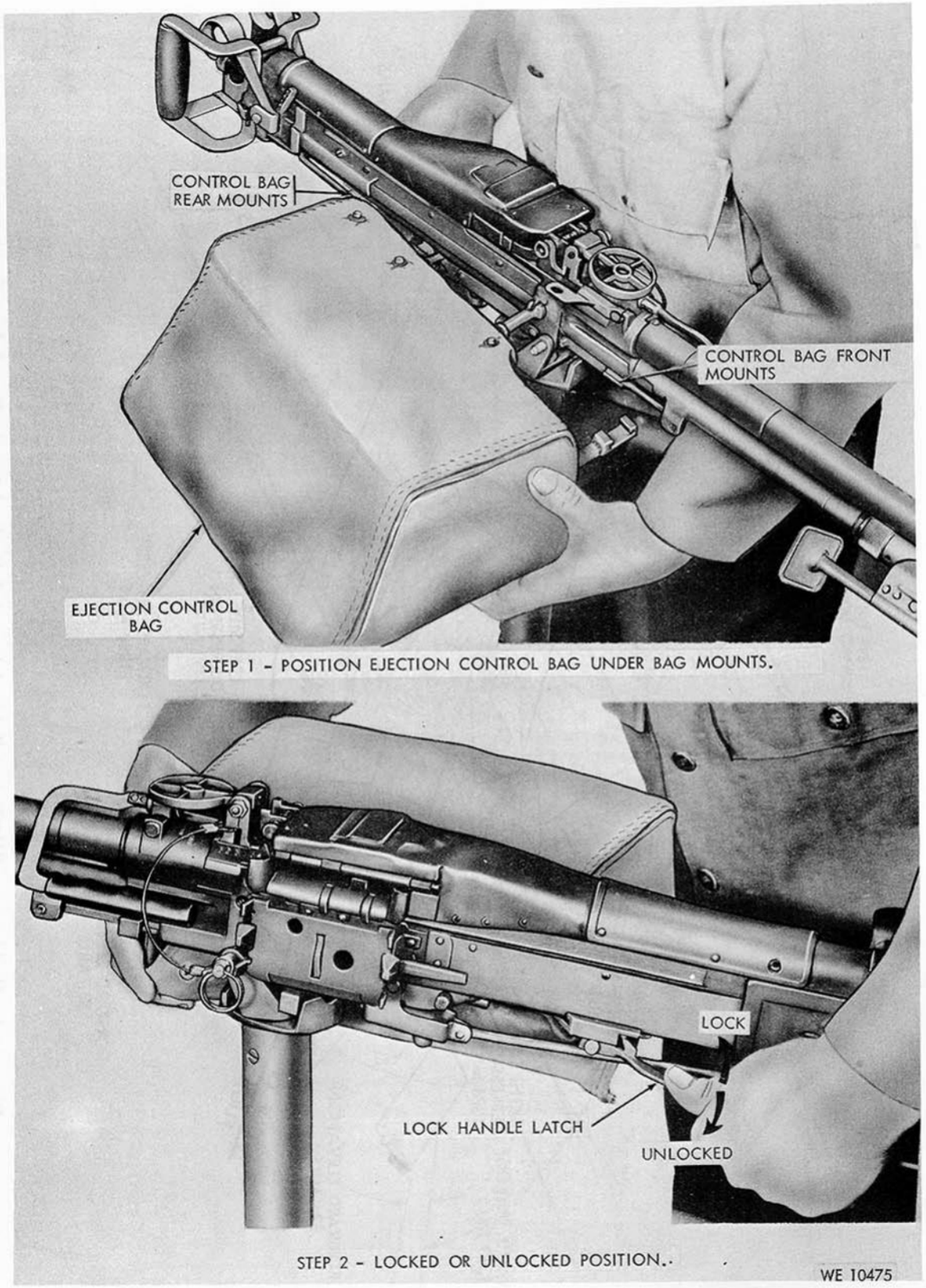


Figure 2–7. Removal or installation of ejection control bag—subsystem XM23 or XM24.

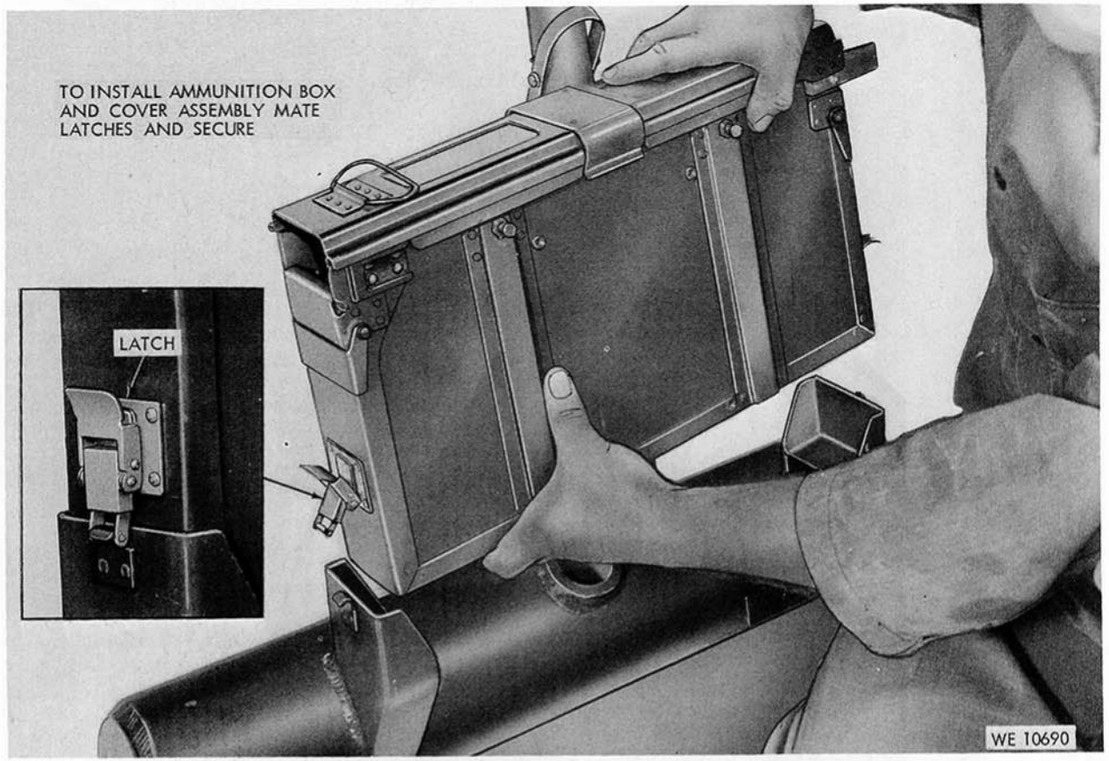


Figure 2–8. Removal or installation of ammunition box and cover assemblies on mount assembly XM23.

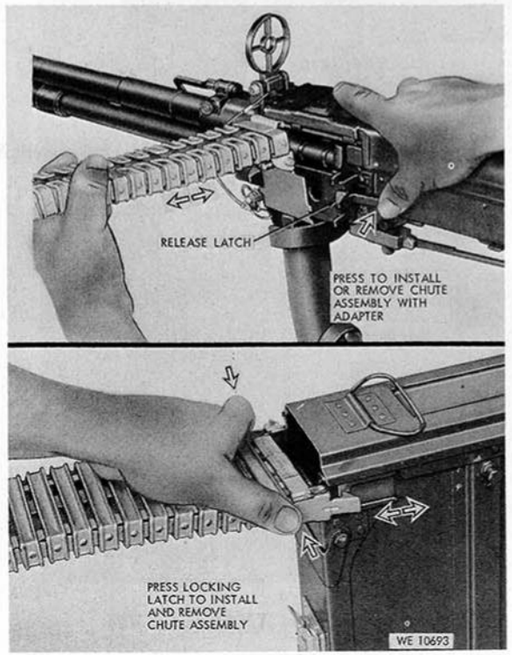


Figure 2–9. Removal or installation of the chute assembly—subsystem XM23.

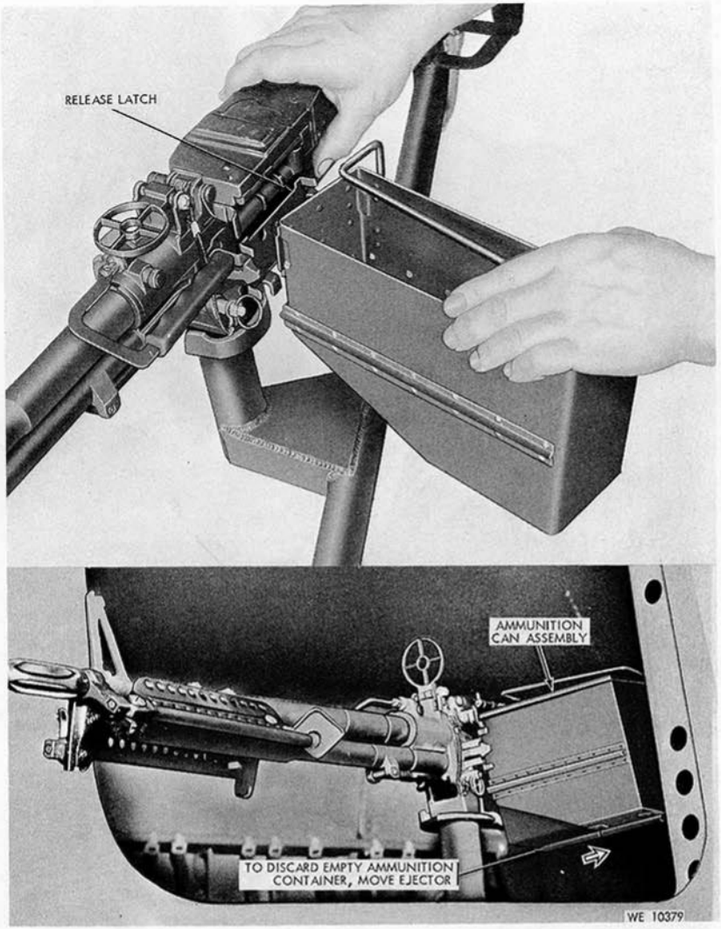


Figure 2–10. Removal or installation of ammunition can assemblies on machine gun XM60D—subsystem XM24.

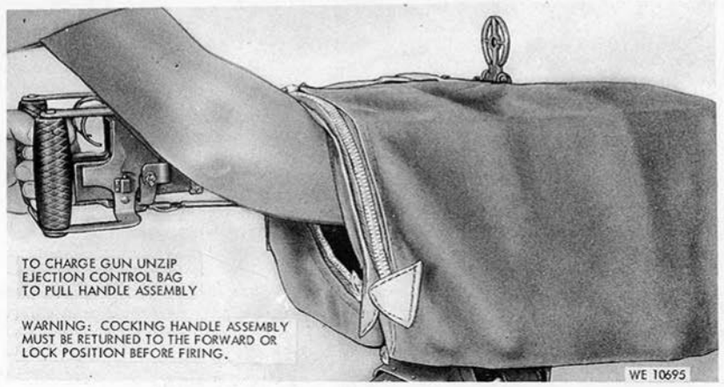


Figure 2–11. To charge machine gun XM60D—subsystem XM23 and XM24.

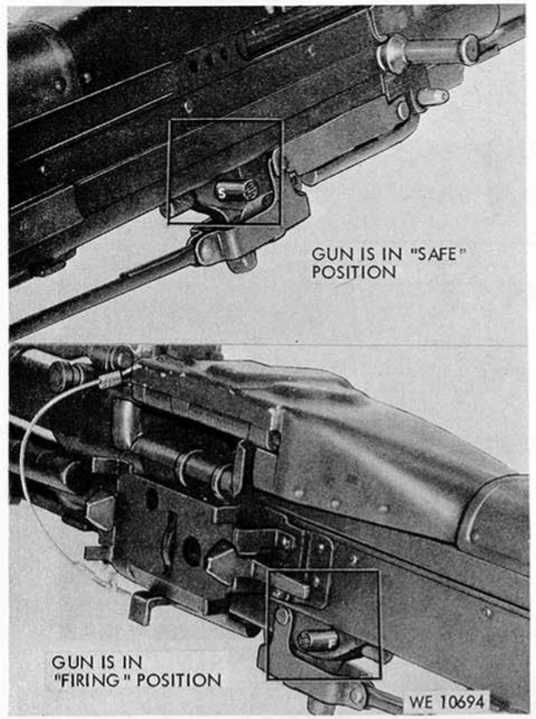


Figure 2–12. Location and identification of SAFE "S" and FIRING "F" positions of machine gun XM60D.

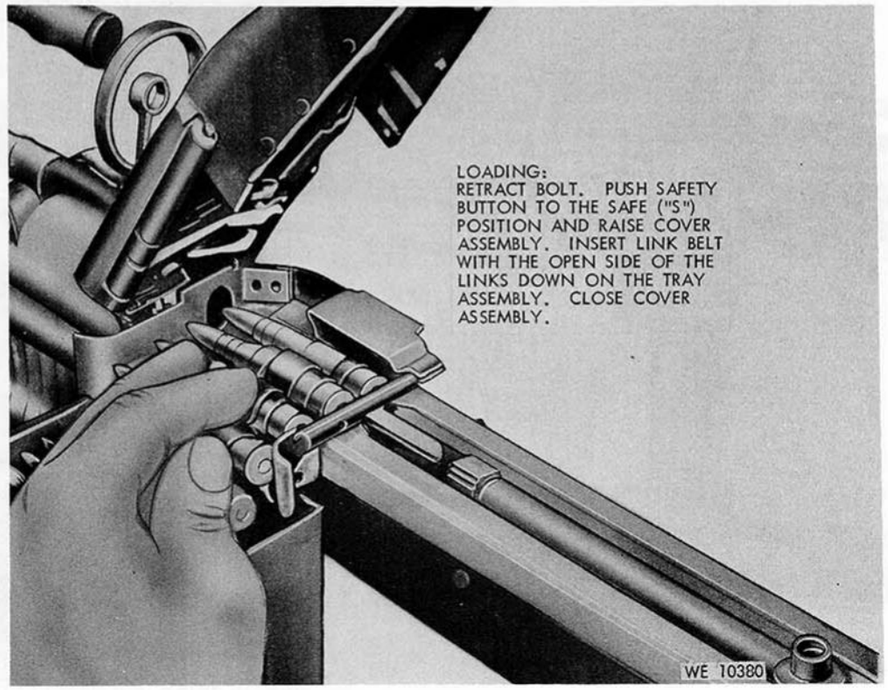


Figure 2–13. Positioning link belt on the cartridge tray assembly—subsystem XM23 or XM24.

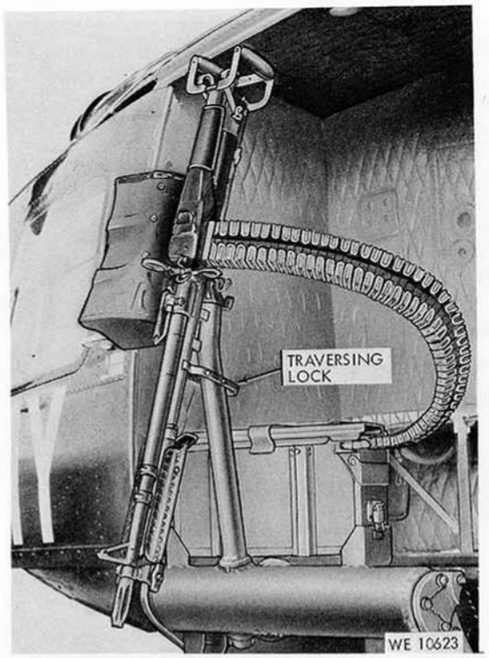


Figure 2–14. Machine gun XM60D installed—subsystem XM23—showing traversing lock in stowed position.

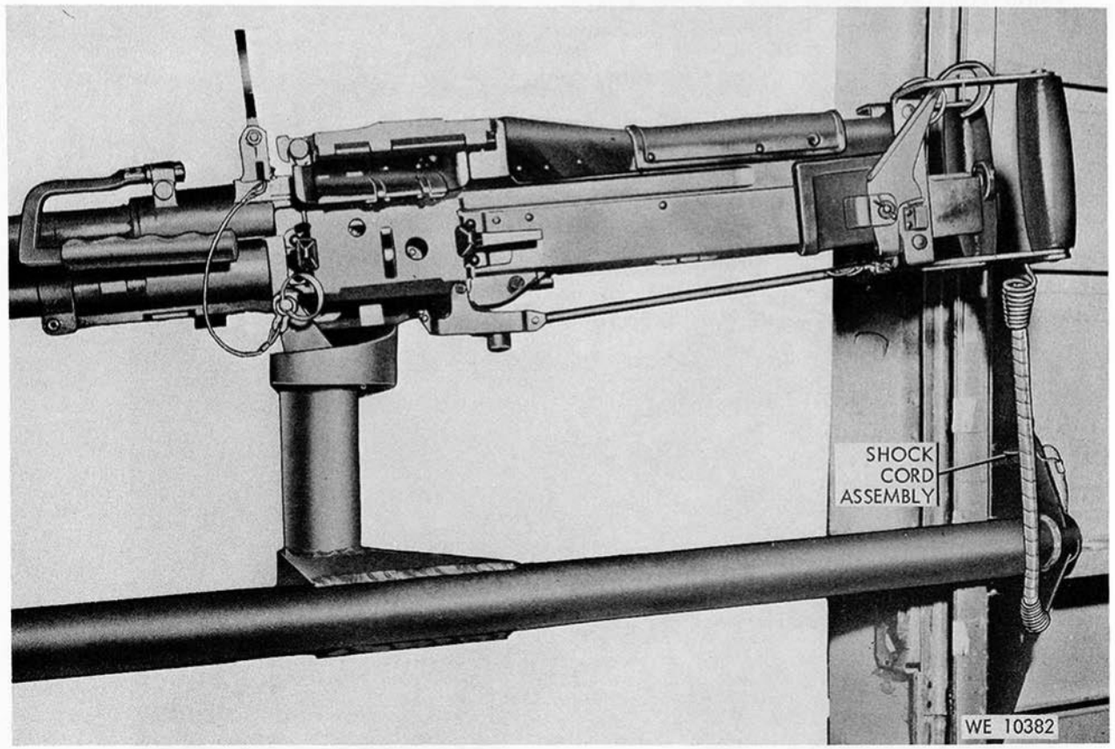


Figure 2–15. Machine gun XM60D installed—subsystem XM24—showing cord assembly in stowed position.

CHAPTER 3
ORGANIZATIONAL MAINTENANCE INSTRUCTIONS

Section I. REPAIR PARTS, TOOLS, AND EQUIPMENT

3–1. Repair Parts
See appendices I and II.

3–2. Tools and Equipment
See appendices I and II.

Section II. LUBRICATION AND PAINTING

3–3. Lubrication Chart
See Lubrication chart (fig. 3–1).

3–4. Painting
Refer to TM 9–213 and TM 9–208–1.

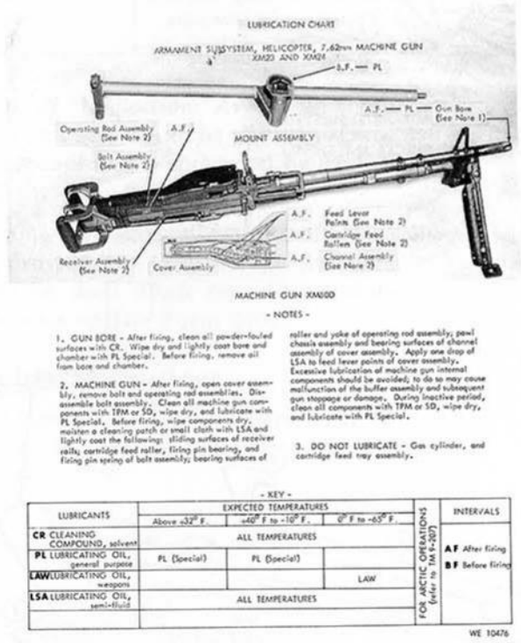


Figure 3–1. Lubrication chart.

Section III. PREVENTIVE–MAINTENANCE CHECKS AND SERVICES

3–5. Services Instructions
a. Daily Inspection. Refer to table 3–1.

b. Intermediate Inspection. (25 flying hours) Refer to table 3–2.

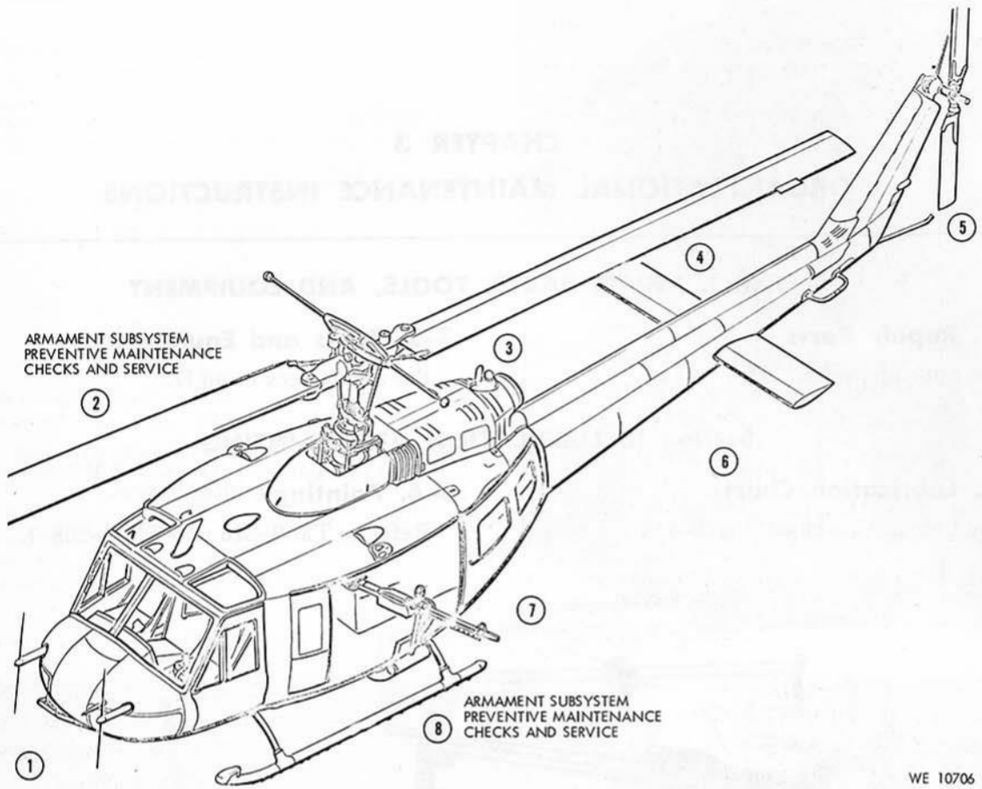


Figure 3–2. Exterior inspection diagram UH–1D helicopters.

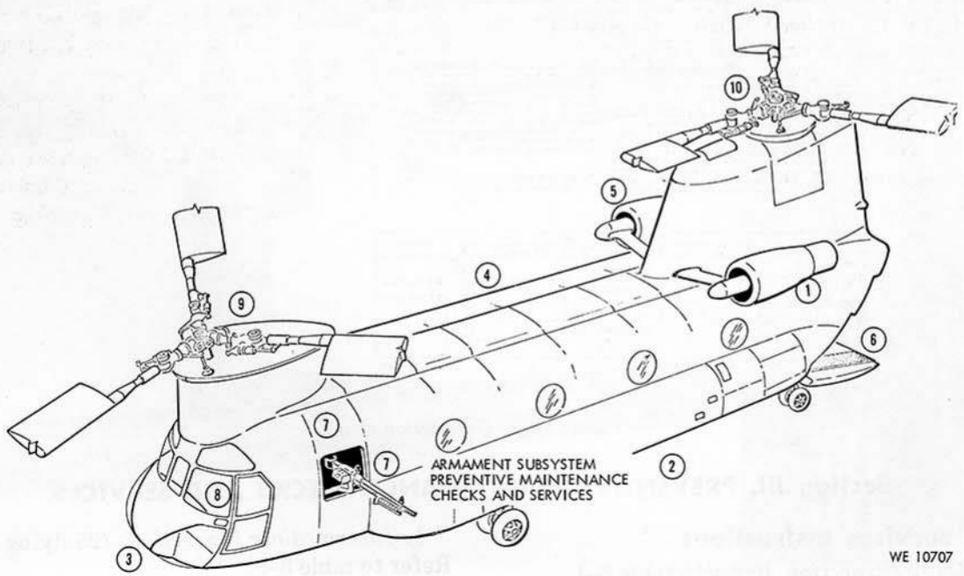


Figure 3–3. Exterior inspection diagram CH–47A helicopters.

TABLE 3–1. *Preventive Maintenance Checks and Services*

Organizational Maintenance — Daily Inspection

Sequence number	Required every	Item and procedure	Paragraph reference
		MACHINE GUN XM60D	
1.....	Pre-flight.....	Barrel assembly bore and chamber—Must be dry and free of foreign objects.	TM 9–1005–224–12
2.....	Pre-flight.....	Barrel lock lever—Check to assure positive retention of barrel.....	Figs. 3–5, 3–6 and 4–1.
		HELICOPTER UH–1D	
3.....	Pre-flight.....	Mount assembly—Check mount assembly for secure attachment to helicopter hard points. See that pintle post is secured in its base.	Fig. 2–1 and flg. 3–2 for location area.
		HELICOPTER CH–47A	
4.....	Pre-flight.....	Mount assembly—Check mount assembly for secure installation horizontally across the cabin doorway on the right side and the escape hatch on the left side of the CH–47A helicopter.	Figs. 2–2, 2–3, and fig. 3–3 for location area.
5.....	Post-flight.....	Machine guns and mount assemblies—Clean and lubricate in accordance with lubrication chart.	Fig. 3–1 and para. 3–7.

c. Location of Inspection Areas. In both tables, checks and services to be performed will be made in areas 2 and 8 shown on figure 3–2 and in area 7 shown on figure 3–3.

d. The "sequence numbers" column of tables 3–1 and 3–2 provides the identification numbers which are to be used when reporting uncorrected deficiencies on DA Form 2404.

3–6. Cleaning Instructions

a. General cleaning instructions are outlined in paragraphs (1) through (3) below and TM 9–247.

(1) Use dry–cleaning solvent (SD) or mineral spirits paint thinner (TPM) to clean or wash grease or oil from all metal parts.

(2) Use solvent cleaning compound (CR) (formerly rifle bore cleaner) to clean all parts which have been subjected to powder fouling during firing.

(3) After the parts are cleaned, rinse and dry them thoroughly. Apply a light coat of PL special or LAW lubricating oil to all polished metal surfaces to prevent rusting.

TABLE 3-2. *Preventive Maintenance Checks and Services*
Organizational Maintenance — Intermediate Inspection

Sequence number	Required every	Item and procedure	Paragraph reference
		MACHINE GUN XM60D	
1.....	Intermediate.....	Barrel assembly w/bipod assembly—Check for unusual wear and damage to bore. Check flash suppressor for distorted ribs. Replace barrel assembly w/bipod assembly if necessary.	TM 9-1005-224-12
2.....	Intermediate.....	Cover assembly—Manually operate components to assure freedom of movement. Test cover latch to insure that cover is retained in closed position.	TM 9-1005-224-12
3.....	Intermediate.....	Buffer assembly—Inspect for oil leaks, rust or defect that may affect operation. Replace if necessary.	Fig. 3-5 and para. 3-13.
4.....	Intermediate.....	Bolt assembly—Inspect ejector and extractor for freedom of movement. Inspect components for evidence of chipping and cracks; replace if necessary.	TM 9-1005-224-12
5.....	Intermediate.....	Receiver assembly—Inspect for loose rivets. Check rails inside receiver assembly for distortion and chipping.	TM 9-1005-224-12
6.....	Intermediate.....	Grip and trigger assembly—Check for freedom of movement and check link and spring sear assemblies for proper adjustment. Replace damaged components and readjust link and spring sear assembly.	Fig. 3-6 and para. 3-11 and 3-19.
7.....	Intermediate.....	Sear and safety housing assembly—Inspect for freedom of movement, weakened or broken springs and missing components. Replace if necessary.	Fig. 3-7 and para. 3-12.
8.....	Intermediate.....	Lubrication—Clean and oil as instructed in lubrication chart.....	Fig. 3-1 and para. 3-6.
		HELICOPTER UH-1D	
9.....	Intermediate.....	Mount assembly XM23—Inspect base and beams for cracks and distortion. Check traversing lock for securing the machine gun.	Fig. 2-1 and para. 3-21.
		HELICOPTER CH-47A	
10.....	Intermediate.....	Mount assembly XM24—Inspect brackets for cracks or distortion. Inspect pin and cord assembly for secure attachment on cabin doorway on right hand side.	Fig. 2-2 and para. 3-25.
11.....	Intermediate.....	Mount assembly XM24—Inspect brackets for cracks or distortion. Inspect pin and cord assembly for secure attachment on escape hatch on left side.	Fig. 2-3 and para. 3-25.

Section IV. TROUBLESHOOTING

3-7. Scope

Refer to table 3-3.

TABLE 3-3. *Troubleshooting*

Malfunction	Probable cause	Corrective Action
	Machine Gun XM60D	
Failure to feed.....	Insufficient gas pressure.....	Clean gas port TM 9-1005-224-12.
	Feed pawl assembly defective.....	Replace TM 9-1005-224-34.
	Feed pawl spring defective.....	Replace TM 9-1005-224-34.
	Front and rear cartridge guides defective.....	Replace TM 9-1005-224-34.
	Feed lever cam spring defective.....	Replace TM 9-1005-224-34.
	Cartridge feed roller defective.....	Replace TM 9-1005-224-34.
	Lubrication inadequate.....	See lubrication chart.
	Belt installed incorrectly.....	Reverse belt with open portion of link down.
	Defective cover latch.....	Replace TM 9-1005-224-34.
	Damaged or weakened operating rod spring.....	Replace TM 9-1005-224-12.
	Obstruction by foreign material in receiver....	Remove foreign material and lubricate as required.
Failure to chamber.....	Ruptured cartridge case.....	Remove (para 2-13).
	Caked carbon in gas cylinder piston or receiver assembly.	Remove carbon TM 9-1005-224-12.
	Damaged round.....	Recharge weapon (fig. 2-11).
Failure to fire.....	Broken or damaged firing pin or spring.....	Replace TM 9-1005-224-12.
	Faulty ammunition.....	Replace (para 1-3).
	Dirty chamber.....	Clear then clean or replace barrel, if necessary.
	Weakened or damaged operating rod compression helical spring.	Replace TM 9-1005-224-12.
	Loose grip and trigger assembly.....	Tighten screw retainer assembly.
Failure to extract.....	Broken extractor or spring	Replace TM 9-1005-224-12.
	Short recoil.....	Clean out gas port with wrench TM 9-1005-224-12.
	Gas piston installed backward.....	Install properly TM 9-1005-224-12.
Failure to eject.....	Short recoil.....	Clean out gas port with wrench TM 9-1005-224-12.
	Frozen or damaged ejector or ejector spring...	Clean and/or replace TM 9-1005-224-12.
Failure to cock.....	Broken sear.....	Replace (para 3-12 and 3-19, and fig. 3-8).
	Deformed link and spring notch.....	Replace (para 3-12 and fig. 3-8).
	Broken, defective or missing sear plunger and/or compression helical spring.	Replace (para 3-12 and fig. 3-8).
	Mount Assembly XM23	
Restricted pintle pivot movement.	Dirty, rusty or damaged pintle pivot or ball steel bearings.	Clean, repair or replace (para 3-20 and fig. 3-12).
Out of alignment.....	Twisted mounting beam, pintle post or tube assembly.	Replace (fig. 3-12).
	Mount Assembly XM24	
Restricted pintle pivot movement.	Dirty, rusty, or damaged pintle pivot or ball steel bearings.	Clean, repair or replace (para 3-24 and fig. 3-17).
Out of alignment.....	Twisted cord assembly or mount assembly....	Replace (fig. 3-17).

Section V. MACHINE GUN XM60D

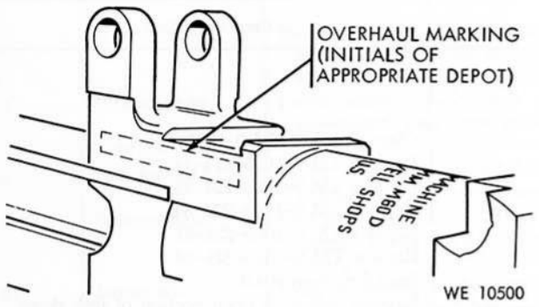


Figure 3–4. Location of overhaul mark.

3–8. Overhaul and Unserviceability Criteria

a. Return machine gun through direct support for depot overhaul after firing approximately 50,000 rounds. The receiver of the overhauled gun will be stamped with the initials of the installation performing the overhaul (fig. 3-4), e.g. "RIA".

b. Overhauled guns will be fired an additional 50,000 rounds. After the second 50,000 rounds fired, the weapon will be returned to direct support maintenance as unserviceable, *not* repairable, and will be disposed of in accordance with AR 755–20 and AR 755–21.

3–9. Machine Gun XM60D

a. Disassembly and/or Assembly. Refer to figure 3–5 and TM 9–1005–224–12 for detailed instructions.

b. Cleaning, Inspection, and Repair. Refer to TM 9–1005–224–12.

3–10. Barrel Assembly with Bipod Assembly

a. Removal. Refer to figure 3–6.

b. Disassembly and/or Assembly. Refer to TM 9–1005–224–12.

c. Cleaning, Inspection, and Repair.

(1) Refer to TM 9–1005–224–12.

(2) If barrel assembly w/bipod assembly is unserviceable, return to direct support for repair or replacement.

3–11. Grip and Trigger Assembly

a. Disassembly and/or Assembly. Refer to figure 3–7.

b. Cleaning, Inspection, and Repair.

(1) Examine threads on retainer assembly for burred or worn condition. Replace if unserviceable.

(2) Examine all springs for proper tension, bent or broken coils. Replace if unserviceable.

(3) Replace hardware items that are bent or broken.

(4) If grip and trigger assembly is damaged, return machine gun to direct support for repair or replacement.

(5) Examine nut and link and spring (20 and 21, figure 3-5) for bent, broken condition, or thread damage. Replace if unserviceable.

3–12. Sear and Safety Housing Assembly

a. Disassembly and/or Assembly. Refer to figure 3–8.

b. Cleaning, Inspection, and Repair.

(1) Examine the spring (6 fig. 3–5) for bent or broken condition. Replace if unserviceable.

(2) Examine pin and adapter (3 and 9, fig. 3–5) for cracks and damage. Replace if unserviceable.

(3) Examine activator and housing for cracks and distortion. Replace activator and housing if unserviceable.

(4) Examine safety, sear, and plunger for burrs, wear, cracks, and other damage. Replace if unserviceable.

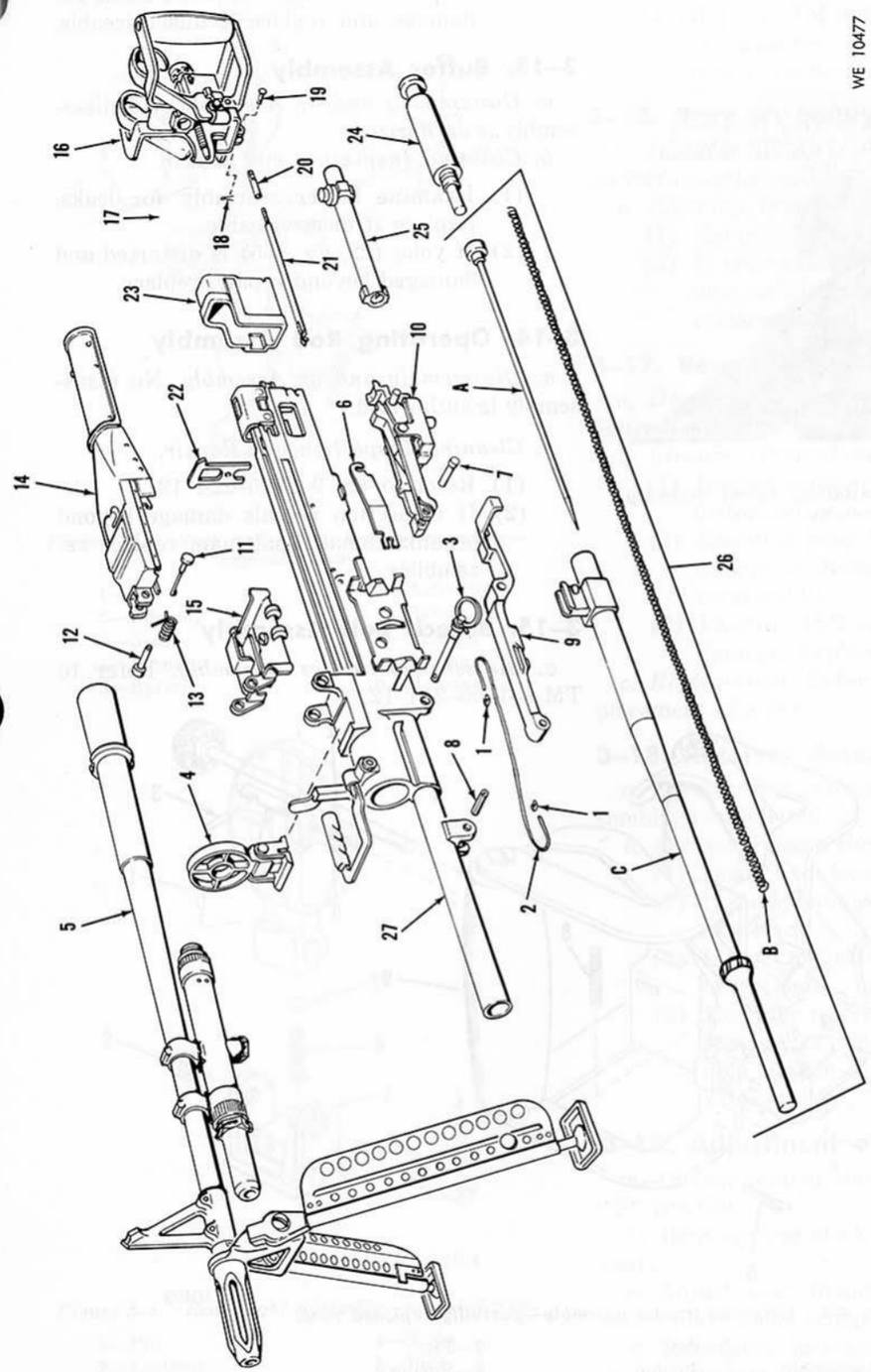


Figure 3–5. Machine gun XM60D—partially exploded view.

1—Sleeve
2—Cable
3—Pin
4—Sight assembly rear
5—Barrel assembly w/bipod assembly
6—Spring
7—Pin
8—Pin
9—Adapter
10—Housing assembly
11—Pin
12—Latch
13—Spring
14—Cover assembly
15—Tray assembly
16—Grip and trigger assembly
17—Wire
18—Pin
19—Pin
20—Nut
21—Link and spring
22—Yoke
23—Boot
24—Buffer assembly
25—Bolt assembly
26—Rod assembly group
A—Guide assembly
B—Spring
C—Rod assembly
27—Receiver group

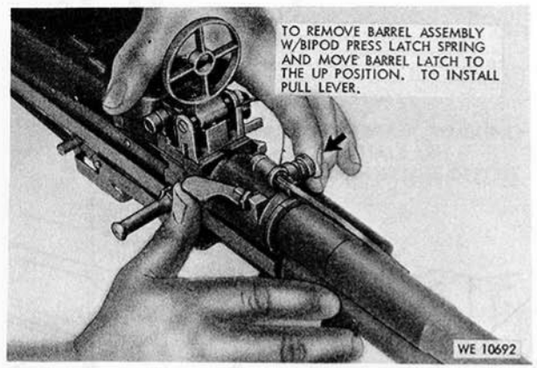


Figure 3–6. Removing or installing barrel assembly w/bipod assembly.

(5) Examine all other hardware items for damage and replace if unserviceable.

3–13. Buffer Assembly

a. Disassembly and/or Assembly. No disassembly is authorized.

b. Cleaning, Inspection, and Repair.

(1) Examine buffer assembly for leaks. Replace if unserviceable.

(2) If yoke (22, fig. 3–5) is distorted and damaged beyond repair, replace.

3–14. Operating Rod Assembly

a. Disassembly and/or Assembly. No disassembly is authorized.

b. Cleaning, Inspection, and Repair.

(1) Refer to TM 9–1005–224–12.

(2) If inspection reveals damage beyond organizational repairman, replace assemblies.

3–15. Breech Bolt Assembly

a. Disassembly and/or Assembly. Refer to TM 9–1005–224–12.

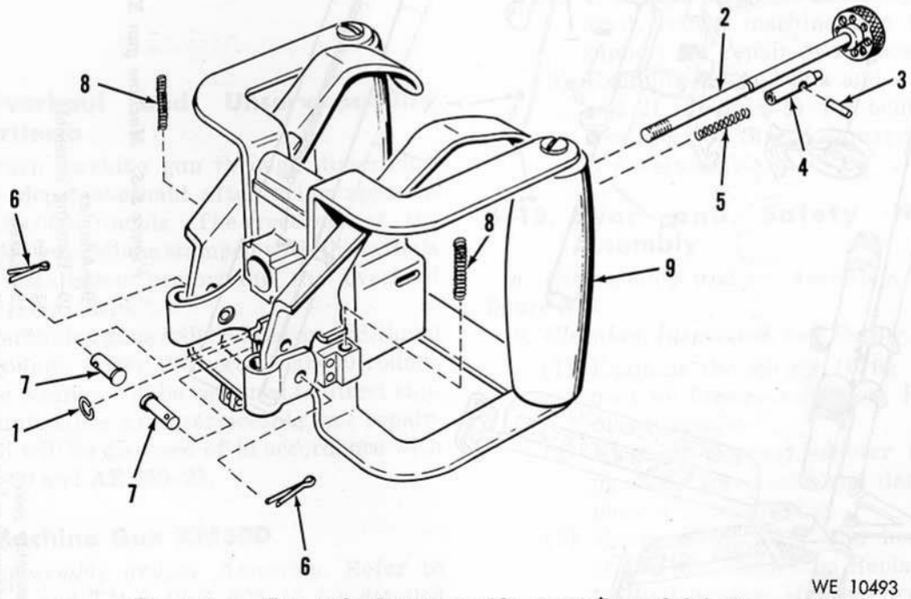


Figure 3–7. Grip and trigger assembly—partially exploded view.

1—Clip	4—Pin	7—Pin
2—Retainer assembly	5—Spring	8—Spring
3—Pin	6—Pin	9—Grip and trigger group

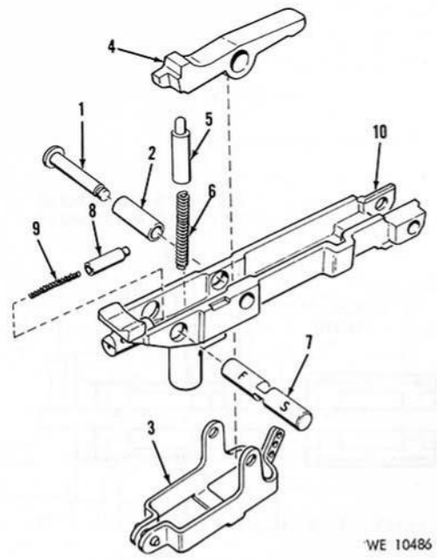


Figure 3–8. Sear and safety housing assembly—exploded view.

1—Pin	6—Activator
2—Bushing	7—Safety
3—Sear	8—Plunger
4—Plunger	9—Spring
5—Spring	10—Housing

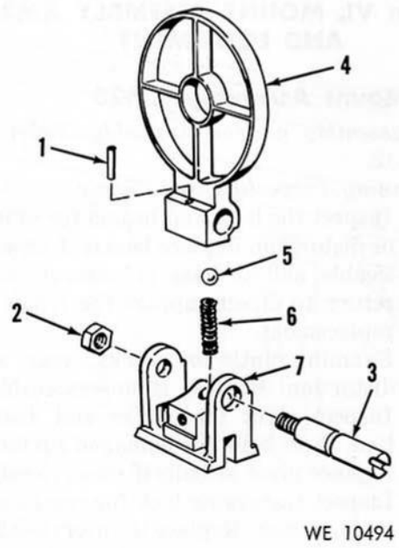


Figure 3–9. Rear Sight Assembly—exploded view.

1—Pin	4—Sight	
2—Locknut	5—Ball	
3—Retainer	6—Spring	
	7—Base	

b. Cleaning, Inspection, and Repair.

(1) Refer to TM 9–1005–224–12.

(2) If inspection reveals damage beyond repair, replace assembly.

3–16. Tray Assembly

a. Disassembly and/or Assembly. No disassembly is authorized.

b. Cleaning, Inspection, and Repair.

(1) Refer to TM 9–1005–224–12.

(2) If tray assembly is unserviceable, return to direct support for repair or replacement.

3–17. Rear Sight Assembly

a. Disassembly and/or Assembly. Refer to figure 3–9.

b. Cleaning, Inspection, and Repair.

(1) Inspect sight assembly for cracks and distortion.

(2) Examine base for burrs, cracks, and distortion. Remove and replace if unserviceable.

(3) Examine ball, spring, and retainer for damage. Replace if unserviceable.

c. Replacement. Refer to figure 3–10 for replacement of sight.

3–18. Receiver Assembly

a. Disassembly and/or Assembly. No disassembly is authorized.

b. Cleaning, Inspection, and Repair.

(1) Inspect for loose rivets.

(2) Inspect handle assembly and barrel lock lever.

(3) Inspect magazine bracket assembly for operation.

(4) Examine receiver assembly for cracks, damage, or worn areas, if unserviceable return machine gun to direct support.

3–19. Adjustment of Sear Link Nut

a. Charge weapon and move safety to SAFE "S" position.

b. Remove free slack between activator and sear.

c. Adjust sear linkage from 1/32 to 3/32 inch "play" from trigger stop to sear.

d. Resistance increase denotes beginning of sear movement against the sear spring.

e. Wire as illustrated in figure 3–11.

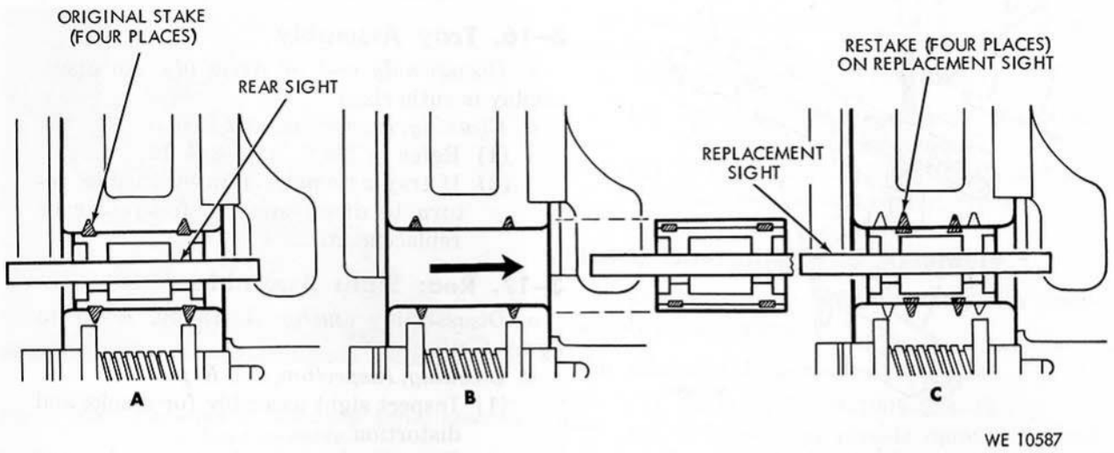


Figure 3–10. Removing or installing rear sight assembly.

Section VI. MOUNT ASSEMBLY XM23 AND EQUIPMENT

3–20. Mount Assembly XM23

a. Disassembly and/or Assembly. Refer to figure 3–12.

b. Cleaning, Inspection, and Repair.

(1) Inspect the base and beams for cracks or distortion. Replace beams if unserviceable and if base is unserviceable, return to direct support for repair or replacement.

(2) Examine pintle for cracks, wear, and distortion. Replace if unserviceable.

(3) Inspect pivot for cracks and distortion. Steel balls for damaged surfaces. Replace pivot or balls if unserviceable.

(4) Inspect traversing lock for cracks and spring action. Replace if unserviceable.

3–21. Ammunition Box and Cover Assembly

a. Disassembly and/or Assembly. Refer to figure 3–13.

b. Cleaning, Inspection, and Repair.

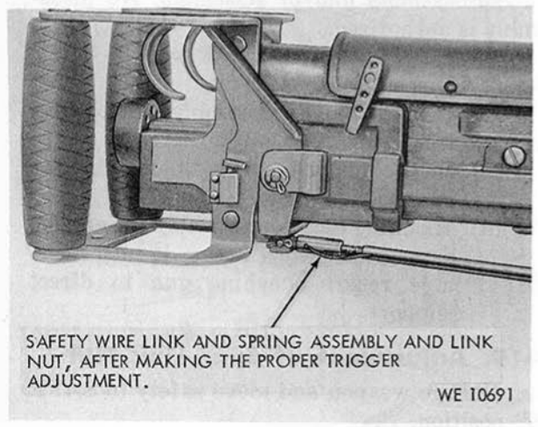


Figure 3–11. Proper method of wiring link nut and link and spring.

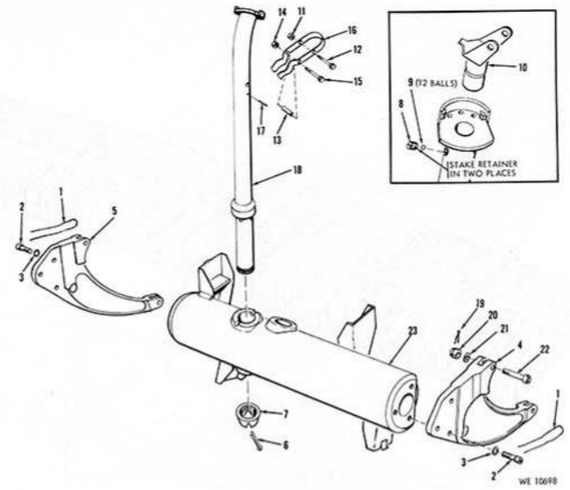


Figure 3–12. Mount assembly XM23—partially exploded view.

1—Wire
2—Screw
3—Washer
4—Beam
5—Beam
6—Pin
7—Nut
8—Retainer
9—Ball
10—Pivot
11—Nut
12—Screw
13—Spacer
14—Nut
15—Bolt
16—Lock
17—Pin
18—Pintle
19—Nut
20—Washer
21—Bolt
22—Bore

(1) Inspect cover assembly for cracks and distortion. Replace if unserviceable.

(2) Inspect ammunition box for cracks, distortion, and continued service. Return ammunition box and cover assembly to direct support if unserviceable.

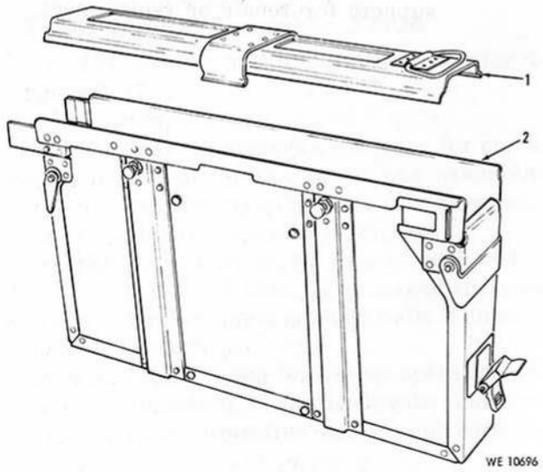


Figure 3–13. Ammunition box and cover assembly—partially exploded view.

1—Cover assembly
2—Ammunition box

3–22. Ammunition Box Chute Assembly

a. Disassembly and/or Assembly. Refer to figures 3–13 and 3–14.

b. Cleaning, Inspection, and Repair.

(1) Examine chute for kinks and distortion. Replace link or links if unserviceable.

(2) Examine adapter (fig. 1–5) for cracks and distortion. Replace if unserviceable.

3–23. Ejection Control Bag

a. Disassembly and/or Assembly. Refer to figure 3–16.

b. Cleaning, Inspection, and Repair.

(1) Examine bag for tears, broken zippers, and mildew. Replace if unserviceable.

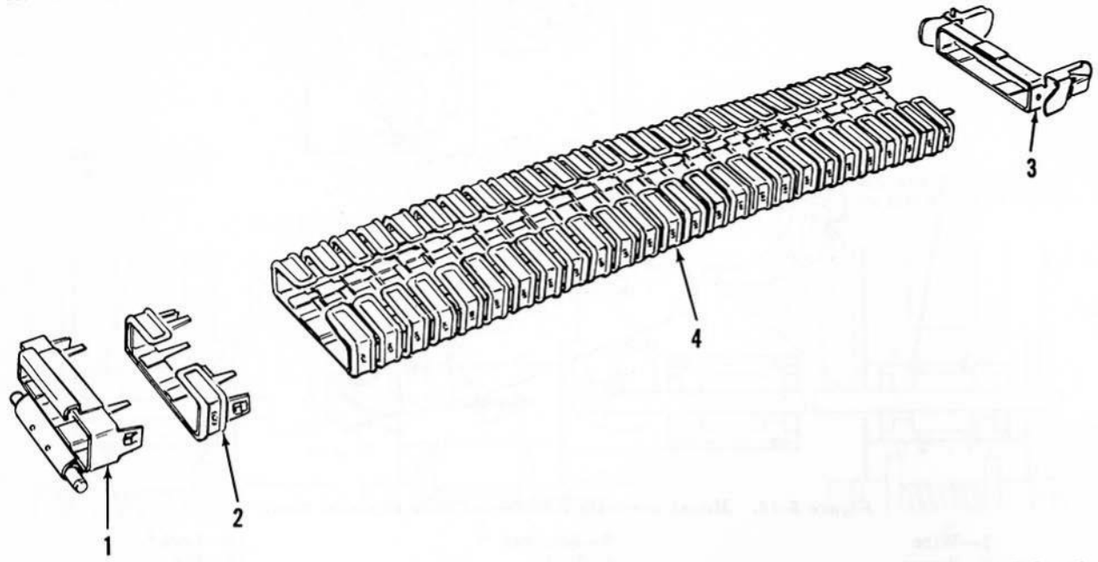


Figure 3–14. Ammunition box and cover assembly—continued—partially exploded view.

1—Fitting
2—Link
3—Fitting
4—Ammunition chute

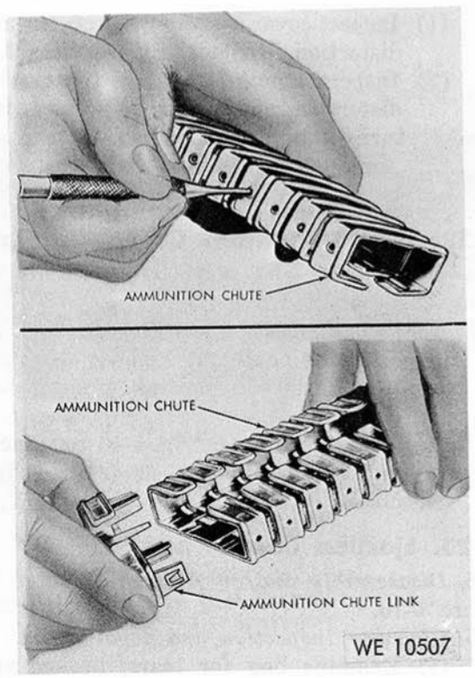


Figure 3–15. Removing or installing ammunition link.

(2) Examine frame for cracks and distortion. Check front and rear dovetails for alignment and scoring. If frame is unserviceable, return to direct support for repair or replacement.

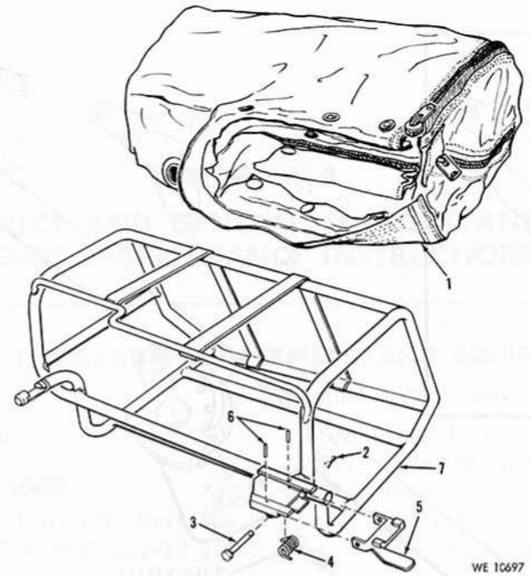


Figure 3–16. Ejection control bag—partially exploded view.

1—Bag
2—Pin
3—Pin
4—Spring
5—Latch
6—Pin
7—Frame

Section VII. MOUNT ASSEMBLY XM24 AND EQUIPMENT

3–24. Mount Assembly XM24

a. Disassembly and/or Assembly. Refer to figure 3–17.

b. Cleaning, Inspection, and Repair.

(1) Inspect welding assemblies for cracks and distortion. If welding assemblies are unserviceable, return to direct support for repair or replacement.

(2) Inspect pivot for cracks and distortion, steel balls for damaged surfaces. Replace pivot or steel balls if unserviceable.

(3) Examine pin for proper operation and distortion, cable for breaks and complete protective cover, and cord assembly for weak elastic in the rubber. Replace if unserviceable.

3–25. Ammunition Can Assembly

a. Disassembly and/or Assembly. Refer to figure 3–18.

b. Cleaning, Inspection, and Repair.

(1) Examine plunger for cracks and distortion. Replace if unserviceable.

(2) Inspect spring for proper tension and kinked loops. Replace if unserviceable.

(3) Examine ammunition can assembly for loose rivets and distortion, return to direct support for repair or replacement.

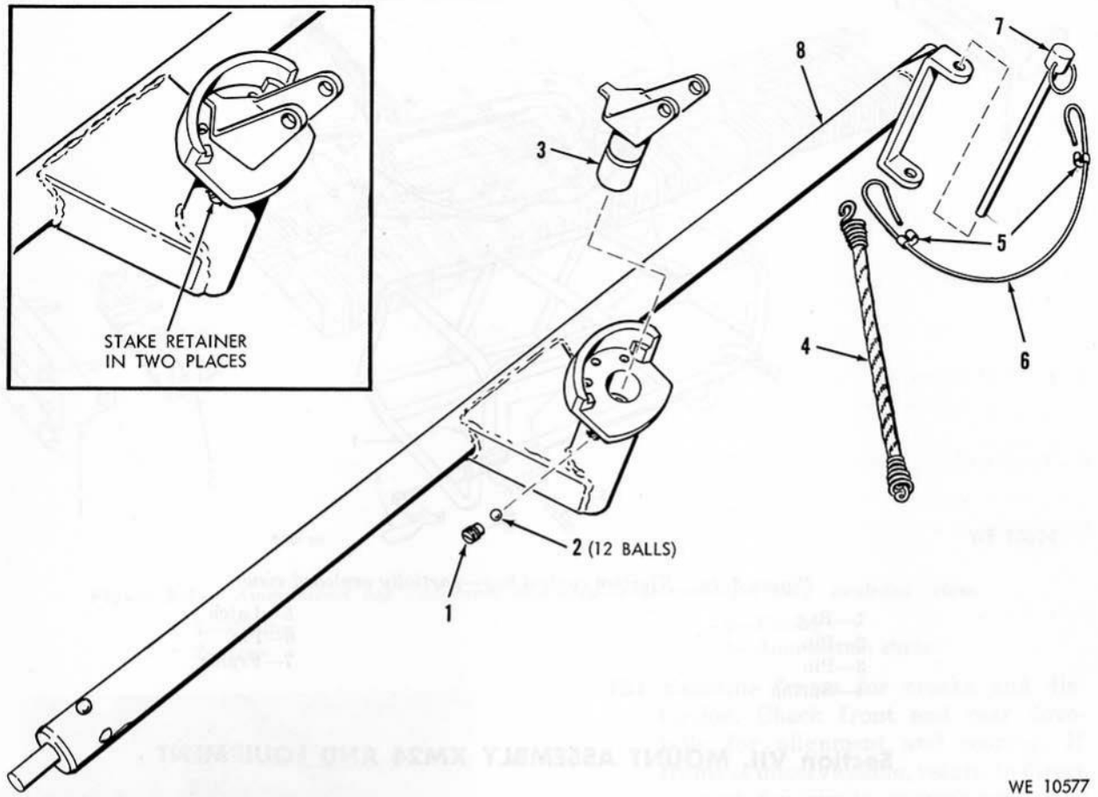


Figure 3–17. Mount assembly XM24—exploded view.

1—Retainer
2—Ball
3—Pivot
4—Cord assembly
5—Sleeve
6—Cable
7—Pin
8—Welding assembly right hand (shown)
or
Welding assembly left hand

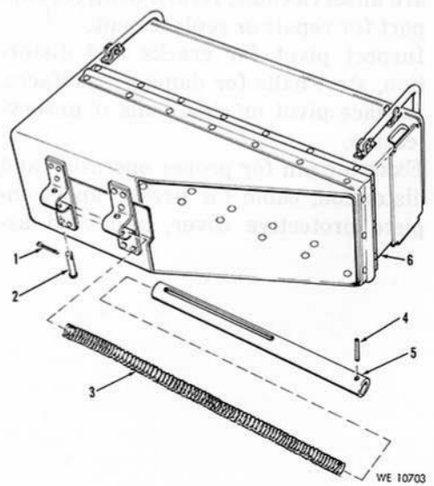


Figure 3–18. Ammunition can assembly—partially exploded view.

1—Pin
2—Pin
3—Spring
4—Rivet
5—Plunger
6—Can assembly group

CHAPTER 4

DIRECT AND GENERAL SUPPORT AND DEPOT MAINTENANCE INSTRUCTIONS

Section I. MACHINE GUN XM60D AND EQUIPMENT

4–1. Function Firing

Refer to TM 9–1005–224–34.

4–2. Machine Gun XM60D

a. Disassembly and/or Assembly. Refer to figures 3–5, 4–1, and TM 9–1005–224–12 for detailed instructions.

b. Cleaning, Inspection, and Repair.
(1) Refer to TM 9–1005–224–12.
(2) Inspect for worn, cracked or damaged parts. Unserviceable parts, except the receiver assembly will be replaced.

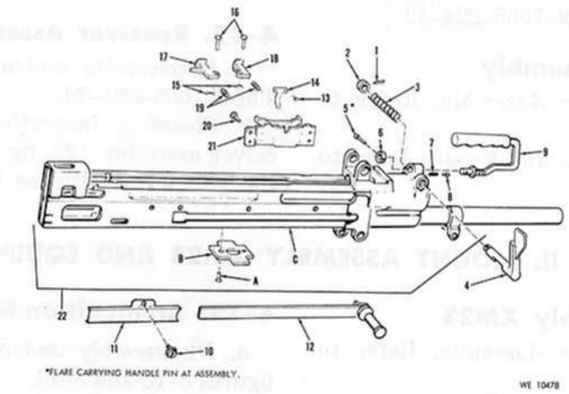


Figure 4–1. Machine gun XM60D—partially exploded view.

1—Pin
2—Ring
3—Spring
4—Lever
5—Pin
6—Ring
7—Spring
8—Plunger
9—Handle assembly
10—Screw
11—Guide
12—Handle assembly
13—Rivet
14—Spring
15—Pin
16—Pin
17—Latch
18—Latch
19—Spring
20—Rivet
21—Bracket assembly
22—Receiver assembly
A—Rivet
B—Plate
C—Receiver

4–3. Barrel Assembly with Bipod Assembly

a. Disassembly and/or Assembly. Refer to figure 3–5 and TM 9–1005–224–34.

b. Cleaning, Inspection, and Repair. Refer to TM 9–1005–224–34.

4–4. Grip and Trigger Assembly

a. Disassembly and/or Assembly. Refer to figure 3–7 and paragraph 3–11.

b. Cleaning, Inspection, and Repair. Refer to paragraph 3–11.

4–5. Sear and Safety Housing Assembly

a. Disassembly and/or Assembly. Refer to figure 3–8 and paragraph 3–12.

b. Cleaning, Inspection, and Repair. Refer to paragraph 3–12.

4–6. Buffer Assembly

a. Disassembly and/or Assembly. No disassembly authorized.

b. Cleaning, Inspection, and Repair. Refer to paragraph 3–13.

4–7. Operating Rod Assembly

a. Disassembly and/or Assembly. Refer to TM 9–1005–224–34.

b. Cleaning, Inspection, and Repair. Refer to paragraph 3–14 and TM 9–1005–224–12.

4–8. Breech Bolt Assembly

a. Disassembly and/or Assembly. Refer to TM 9–1005–224–12.

b. Cleaning, Inspection, and Repair. Refer to TM 9–1005–224–12.

4–9. Cover Assembly

a. Disassembly and/or Assembly. Refer to TM 9–1005–224–34.

b. Cleaning, Inspection, and Repair. Refer to TM 9–1005–224–34.

4–10. Tray Assembly

a. Disassembly and/or Assembly. Refer to TM 9–1005–224–34.

b. Cleaning, Inspection, and Repair. Refer to TM 9–1005–224–34.

4–11. Rear Sight Assembly

a. Disassembly and/or Assembly. Refer to figure 3–9 and paragraph 3–17.

b. Cleaning, Inspection, and Repair. Refer to paragraph 3–7.

c. Replacement. Refer to figure 3–10.

4–12. Receiver Assembly

a. Disassembly and/or Assembly. Refer to TM 9–1005–224–34.

b. Cleaning, Inspection, and Repair. If receiver assembly (22, fig. 4–1) is unserviceable, the gun will be turned in for replacement.

Section II. MOUNT ASSEMBLY XM23 AND EQUIPMENT

4–13. Mount Assembly XM23

a. Disassembly and/or Assembly. Refer to figure 3–12.

b. Cleaning, Inspection, and Repair. Refer to paragraph 3–20.

4–14. Ammunition Box and Cover Assembly

a. Disassembly and/or Assembly. Refer to figures 3–13 and 3–14.

b. Cleaning, Inspection, and Repair. Refer to paragraph 3–21.

4–15. Ammunition Box Chute Assembly

a. Disassembly and/or Assembly. Refer to figures 3–13 and 3–14.

b. Cleaning, Inspection, and Repair. Refer to paragraph 3–22.

4–16. Ejection Control Bag

a. Disassembly and/or Assembly. Refer to figure 3–16.

b. Cleaning, Inspection, and Repair. Refer to paragraph 3–23.

Section III. MOUNT ASSEMBLY XM24 AND EQUIPMENT

4–17. Mount Assembly XM24

a. Disassembly and/or Assembly. Refer to figure 3–17.

b. Cleaning, Inspection, and Repair. Refer to paragraph 3–24.

4–18. Ammunition Can Assembly

a. Disassembly and/or Assembly. Refer to figure 3–18.

b. Cleaning, Inspection, and Repair. Refer to paragraph 3–25.

4–19. Combination Screwdriver and Reamer Wrench

a. Disassembly and/or Assembly. Refer to figure 4–2 and TM 9–1005–224–34.

b. Cleaning, Inspection, and Repair. Refer to TM 9–1005–224–34.

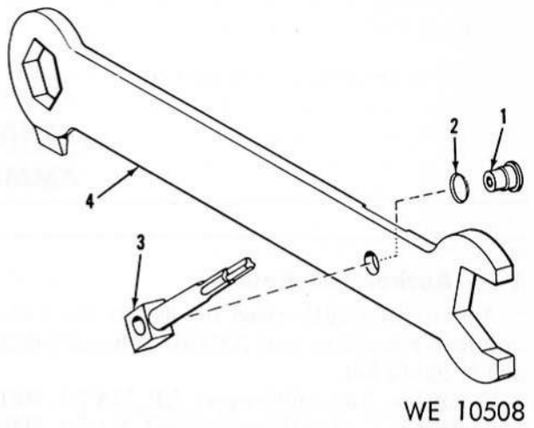


Figure 4–2. Combination screwdriver and reamer wrench—exploded view.

1—Pin
2—Washer
3—Reamer
4—Wrench

CHAPTER 5
AMMUNITION

5–1. Authorized Rounds

Ammunition authorized for use in the 7.62–millimeter machine gun XM60D is listed below and in figure 5–1.

Cartridge, 7.62–millimeter: AP, NATO, M61
Cartridge, 7.62–millimeter: ball, NATO, M59
Cartridge, 7.62–millimeter: ball, NATO, M80
Cartridge, 7.62–millimeter Dummy: NATO, M63
Cartridge, 7.62–millimeter: tracer, NATO, M62



Figure 5–1. Authorized rounds.

CHAPTER 6
FINAL INSPECTION

6–1. Procedures

Refer to TM 9–1005–224–34.

CHAPTER 7
REPAIR STANDARDS

7–1. Location of Standards

Refer to TM 9–1005–224–34.

CHAPTER 8
OVERHAUL INSTRUCTIONS

8–1. Procedures

Overhaul procedures are similar to those pertaining to direct and general support maintenance which are contained in Chapter 4 and TM 9–1005–224–34. Repair parts are listed in Appendix I. For further details on overhaul, contact Commanding General, Headquarters, U. S. Army Weapons Command, ATTN: AMSWE–SMM–SA, Rock Island Arsenal, Rock Island, Illinois 61202.

APPENDIX I

BASIC ISSUE ITEMS, ORGANIZATIONAL, DIRECT AND GENERAL SUPPORT, AND DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOL LISTS

Section I. PREFACE

1. Explanation of Columns

a. Source, Maintenance, and Recoverability Code.

(1) *Source.* Source codes used in this list are:

Code	Explanation
P	Requisition from the depot system of the responsible commodity command (applies to high mortality parts).
P1	Requisition from the depot system of the responsible commodity command (applies to low mortality parts).
X1	Requisition next higher assembly or component.

(2) *Maintenance level.* Maintenance level codes used in this list are:

Code	Explanation
O	Organizational maintenance
F	Direct support maintenance
H	General support maintenance
D	Depot maintenance

(3) *Recoverability.* Recoverability codes used in this list are:

Code	Explanation
R	Items which are economically repairable at direct and general support maintenance activities and are normally furnished by supply on an exchange basis.
T	High dollar value recoverable repair parts which are subject to special handling and are issued on an exchange basis. Such recoverable parts are normally repaired or overhauled at depot maintenance activities.

When no code is indicated, the item will be considered expendable.

b. Description. The Federal item name is shown in capital letters.

c. Unit of Issue. The quantity to be requisitioned.

a. Quantity Incorporated in Unit. Indicates the number of times the listed item is used in the functional group.

e. Organizational 15–Day Maintenance Allowance per Equipment Density Spread.

(1) The quantitative allowances represent one prescribed load for a 15–day period. They must be on hand or on requisition at all times. The appropriate subcolumn is determined as follows:

(*a*) Select the subcolumn heading which includes the number of subsystems being supported, i.e., if supporting 12 subsystems, subcolumn headed 7–20 would be used.

(*b*) For machine gun repair parts, the number of subsystems being supported shall be multiplied by number of guns per subsystem, i.e., if supporting 12 subsystems, which have two guns each, multiply the 12 (number of subsystems) by 2, obtaining 24. The quantitative allowance will be listed in subcolumn headed 21–50.

(2) Major commanders will determine the number of prescribed loads organizational maintenance units will carry. Units and organizations authorized additional prescribed loads will multiply quantities obtained in (1) above by the number of prescribed loads and use appropriate subcolumn.

f. Direct and General Support 15-Day Maintenance Allowances.

(1) *Maintenance per 100 equipments.* This column indicates repair part allowance factors for direct and general support maintenance. These factors represent the estimated average quantities required to provide maintenance and, where applicable, supply support for 100 equipments for a 15-day period under combat conditions. The exact quantity authorized must be computed as instructed in (2) below.

(2) *Computation of authorized quantities.* To compute the exact quantities authorized using the allowance factors, multiply the number of equipments supported by the allowance factor. Then divide by 100.

Example: If the number of equipments supported is 30
and the allowance factor for 100 equipment is.. × 1.9

270
30

The resulting product is.. 570

Divide this by 100 (this may be accomplished by moving the decimal point two places toward the left thus: .570 or 0.570).

When the resulting fractional value is *0.5 or larger,* it will be rounded off to the next higher whole number.

Example: If 1.77 is obtained, a quantity of 2 is authorized. When the resulting fractional value is *below 0.5,* it will be rounded to the next lower whole number.

Example: If 3.4 is obtained, a quantity of 3 is authorized.

g. Depot Maintenance Guide per 100 Equipments.

(1) This column indicates repair part allowance factors for depot maintenance. These factors represent recommended quantities required to overhaul 100 components or end items of equipment.

(2) The exact quantity authorized must be computed as instructed in *f* (2) above.

h. Allowance Symbols. When an allowance factor is inclosed in parenthesis, the item is designated as a "combat essential item of a critical nature" and must be stocked at all times, regardless of demand. Additional repair parts are indicated by an asterisk (*). These items are to be requisitioned as required.

i. Where no quantity is shown, reference should be made to the first appearance of the item as indicated in the description column.

Note. The 15–day level is not applicable to special tools for direct support and depot maintenance.

j. Illustration. Contains the figure number and key number (or letter) of the illustration of the listed item.

Section II. BASIC ISSUE ITEMS

(1) Source, Maintenance, and Recoverability Code			(2)	(3)	(4)	(5)	(6)	
(a) Source	(b) Maintenance Level	(c) Recoverability	Federal Stock Number	Description	Unit of Issue	Quantity Authorized	Illustration (a) Figure Number	Illustration (b) Item Number
				MAJOR COMBINATIONS				
				The following items are requisitioned for initial issue only.				
		R	1005-907-0720	ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: door mounted, lightweight, XM23, w/e (8428049).	.....	.....	1-1	
		R	1005-763-1404	ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: door mounted, lightweight, XM24, w/e (8427091).	.....	.....	1-2	
				COMPONENTS OF MAJOR COMBINATIONS				
				The items listed below are issued as components of the major combination. Replacement items will be requisitioned separately under their individual stock numbers. When the major combinations are turned in, all components will be turned in.				
				ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: XM23, w/e				
P1	F	R	1005-909-3002	MACHINE GUN, 7.62-MILLIMETER: XM60D, flexible (49929)	1	2	1-3	
				MOUNT ASSEMBLY, LEFT HAND (49937)	1	1	1-4	
				MOUNT ASSEMBLY, RIGHT HAND (49936)	1	1	1-4	
				ARMAMENT SUBSYSTEM, HELICOPTER 7.62-MILLIMETER MACHINE GUN: XM24, w/e				
P1	F	R	1005-909-3002	MACHINE GUN, 7.62-MILLIMETER: XM60D, flexible (49929)	1	2	1-3	
				MOUNT ASSEMBLY, LEFT SIDE (50599)	1	1	1-6	
				MOUNT ASSEMBLY, RIGHT SIDE (50600)	1	1	1-6	
				ON EQUIPMENT MATERIAL				
				REPAIR PARTS FOR:				
				ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: XM23 and XM24, w/e				
				MACHINE GUN, 7.62-MILLIMETER: XM60D, flexible (49929)				
P1	O	.....	1005-608-5001	BARREL ASSEMBLY WITH BIPOD ASSEMBLY: (7269027)	1	1	3-1	
				MOUNT ASSEMBLY, LEFT HAND (49937) AND RIGHT HAND (49936) (Armament subsystem XM23.)				
				None authorized.				
				MOUNT ASSEMBLY, LEFT SIDE (50599) AND RIGHT SIDE (50600) (Armament subsystem XM24.)				
				None authorized.				
				TOOLS AND EQUIPMENT FOR:				
				ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: XM23 and XM24, w/e				
				MACHINE GUN, 7.62-MILLIMETER: XM60D, flexible (49929)				
			1005-556-4174	BRUSH, CLEANING, SMALL ARMS: (5564174)	10	1	AI-1	2
			1005-690-3115	BRUSH, CLEANING, SMALL ARMS: (7790452)	10	1	AI-1	3
			1005-650-4508	BRUSH, CLEANING, SMALL ARMS: (7790342)	10	1	AI-1	4
			1005-791-5420	CASE, CARRYING, BARREL ASSEMBLY AND EQUIPMENT: (7791009).	1	1	AI-3	
			1680-516-8427	HARNESS ASSEMBLY: (AF51J3817)	1	2		
			9150-889-3522	LUBRICATING OIL, SEMI-FLUID: (7791359)	5	1	AI-1	5
			1005-691-1639	MAGAZINE ASSEMBLY, AMMUNITION: (7790572)	1	2	AI-6	
			8145-266-8843	MITTEN, CLOTH: (37-M-394)	2	2	AI-5	
			1005-650-8237	ROD, CLEANING, SMALL ARMS: (6508237)	1	1	AI-1	1
			1005-690-3766	WRENCH, SCREWDRIVER AND REAMER, COMBINATION: (7790680).	1	1	AI-2	

Section II. BASIC ISSUE ITEMS—Continued

(1) Source, Maintenance, and Recoverability Code			(2)	(3)	(4)	(5)	(6)	
							Illustration	
(a) Source	(b) Maintenance Level	(c) Recoverability	Federal Stock Number	Description	Unit of Issue	Quantity Authorized	(a) Figure Number	(b) Item Number
				MOUNT ASSEMBLY, LEFT HAND (49937) AND RIGHT HAND (49936) (Armament subsystem XM23.)				
			1005-973-2474	ADAPTER, AMMUNITION CHUTE STRAIGHT: (7792472)	2	2	1-5	
			1005-903-1094	AMMUNITION BOX AND COVER ASSEMBLY: (51267)	1	2	1-5	
			1005-903-1088	BAG, EJECTION CONTROL: (49931)	1	2	1-5	
				CHUTE ASSEMBLY FLEXIBLE (7792347-4) (Initial issue only)	1	2	1-5	
			7510-763-5996	ENVELOPE, TRANSPARENT: (81348-E-43183)	1	1	AI-4	
			1005-994-9647	PLUG, END LINK: (7791595)	1	10	AI-4	
				MOUNT ASSEMBLY, LEFT SIDE (50599) AND RIGHT SIDE (50600) (Armament subsystem XM24.)				
			1005-903-1088	BAG, EJECTION CONTROL: (49931)	1	2	1-7	
			1005-903-1090	CAN ASSEMBLY, AMMUNITION: (50617)	1	2	1-7	
			7510-763-5996	ENVELOPE, TRANSPARENT: (81348-E-43183)	1	1	AI-4	
			1005-994-9647	PLUG, END LINK: (7791595)	1	10	AI-4	
				Materiel Issued By Other Commodity Commands				
				Additional copies, when required, will be requisitioned from the Adjutant Generals office.				
				DA Form 2408-3 Equipment Maintenance Record (Organizational)		1		
				DA Form 2408-4 Weapon Record Data		1		
				DA Form 2408-5 Equipment Modification Record		1		
				DA Form 2408-6 Equipment Maintenance Record (Support Echelons)		1		
				DA Form 2408-7 Equipment Transfer Report		1		
				DA Form 2408-8 Equipment Acceptance and Registration Record		1		
				MANUAL, technical, TM 9-1005-262-15		1		
				MISCELLANEOUS MATERIEL FOR:				
				The items listed below are not issued as components of the major combination. They are to be requisitioned and issued in accordance with TA, TOE, or as otherwise specified.				
				AMMUNITION				
				Ammunition for use with this weapon is listed in SM 9-5-1305. For training allowances of ammunition other than dummy cartridge, see TA 23-100.				
				ARTICLES FOR INSTRUCTIONAL PURPOSES				
				The following item WILL BE TAKEN into the field upon permanent change of station and into the theater of operation.				
			1305-542-1272	DUMMY CARTRIDGE, 7.62 MILLIMETER: (7553706) (See TA 23-103 for allowances.)				

Section III. ORGANIZATIONAL REPAIR PARTS AND SPECIAL TOOLS

(1) Source, Maintenance and Recoverability Code			(2)	(3)	(4)	(5)	(6) 15 Days Maintenance Allowance Per Equipment Density Spread				(7) Illustration	
Source A	Maintenance Level B	Recoverability C	Federal Stock Number	Description	Unit of Issue	Quantity Incorporated in Unit	1-6 A	7-20 B	21-50 C	51-100 D	Figure Number A	Item Number B
				COMPONENTS OF MAJOR COMBINATIONS								
				None authorized.								
				REPAIR PARTS FOR:								
				ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: XM23 and XM24, w/e								
				MACHINE GUN, 7.62-MILLIMETER: XM60D, flexible (49929)								
				Quantity incorporated in unit indicates quantity per one XM60D machine gun.								
P1	O	.....	1005-909-3014	ACTIVATOR, SEAR ASSEMBLY: (49824)	1	2	*	*	*	*	3-8	5
P1	O	.....	1005-608-5037	ACTUATOR ASSEMBLY, CAM: (7269063)	2	1	(1)	(1)	(1)	(1)	AI-9	3
P1	O	.....	1005-909-3011	ADAPTER, GUN: (49819)	1	2	*	*	*	*	3-5	9
P	O	.....	3110-142-0145	BALL, BEARING (96906-19059-8)	10	1	*	*	*	*	3-9	5
P1	O	.....	1005-608-5001	BARREL ASSEMBLY WITH BIPOD ASSEMBLY: (7269027)	1	1	*	*	*	*	3-5	5
											3-6	
P1	O	.....	1005-909-3022	BASE, REAR SIGHT: (49874)	2	2	*	*	*	*	3-9	7
P1	O	.....	1005-608-5039	BEARING, FIRING PIN: (7269065)	5	1	(1)	(1)	(1)	(1)	AI-9	5
P1	O	R	1005-763-1863	BOLT ASSEMBLY, BREECH: (11010357)	1	1	(1)	(1)	(1)	(2)	3-5	25
P1	O	.....	1005-909-3016	BOOT, DUST AND MOISTURE SEAL: (49827)	1	2	*	*	*	*	3-5	23
P1	O	.....	1005-908-4141	BUFFER ASSEMBLY: (11010518)	1	1	(1)	(1)	(1)	(1)	3-5	24
P1	O	.....	1005-909-3005	BUSHING, SEAR: (49805)	2	2	*	*	*	*	3-8	2
P1	O	.....	1005-912-1147	CAM ASSEMBLY (11686319)	1	1	*	*	*	*	AI-11	1
P	O	.....	5340-909-3033	CLIP, RETAINING SCREW: (49814)	2	2	*	*	*	*	3-7	1
P1	O	.....	1005-608-5119	CLIP, SPRING LEVER: (7269146)	2	1	*	*	*	*	AI-11	2A
P	O	.....	1005-872-4442	EJECTOR, CARTRIDGE: (11010375)	2	1	(1)	(1)	(1)	(2)	AI-9	8
P1	O	.....	1005-608-5004	EXTENSION, GAS CYLINDER: (7269030)	1	1	*	*	*	*	AI-7	8
P1	O	.....	1005-779-6030	EXTRACTOR; BOLT ASSEMBLY (7790907)	2	1	(1)	(1)	(1)	(1)	AI-9	10
P1	O	.....	1005-909-3024	GRIP AND TRIGGER ASSEMBLY: (49926)	1	2	*	*	*	*	3-5	16
P	O	.....	1005-608-5172	GUIDE ASSEMBLY, DRIVING SPRING: (7269199)	2	1	(1)	(1)	(1)	(1)	3-5	26A
P1	O	.....	1005-608-5089	GUIDE, CARTRIDGE, FRONT: (7269116)	5	1	*	*	*	*	AI-11	5
P1	O	.....	1005-608-5090	GUIDE, CARTRIDGE, REAR: (7269117)	1	1	*	*	*	*	AI-11	6
P1	O	.....	1005-909-3013	HOUSING, SEAR: (49822)	1	2	*	*	*	*	3-8	10
P1	O	.....	1005-608-5214	LATCH, HINGE PIN: (7269243)	2	1	(1)	(1)	(1)	(1)	3-5	12
P1	O	.....	1005-608-5118	LEVER, FEED: (7269145)	2	1	*	*	*	*	AI-11	2B
P1	O	.....	1005-909-3023	LINK AND SPRING, SEAR ASSEMBLY: (49875)	1	2	*	*	*	*	3-5	21
P	O	.....	5310-208-4026	LOCKNUT: (96906-20500-1032)	1	2	*	*	*	*	3-9	2
P1	O	.....	1005-608-5005	NUT, GAS CYLINDER: (7269031)	1	1	*	*	*	*	AI-7	5
P1	O	.....	1005-909-3003	NUT, SEAR LINK: (49803)	2	2	*	*	*	*	3-5	20
P1	O	.....	1005-608-5093	PAWL ASSEMBLY, FEED: (7269120)	2	1	*	*	*	*	AI-11	7
P1	O	.....	1005-909-3007	PIN, DOUBLE TRIGGER: (49808)	2	2	*	*	*	*	3-7	7
P	O	.....	5310-282-1225	PIN, COTTER: (96906-24665-150)	1	2	*	*	*	*	3-5	18
P1	O	.....	5340-913-5486	PIN (96906-17990-C-519)	1	2	*	*	*	*	3-5	3
P	O	.....	5315-200-2213	PIN, SPRING: (96906-9048-100)	1	2	*	*	*	*	3-7	3
P	O	.....	1005-872-4443	PIN, FIRING: (11010376)	2	1	(1)	(1)	(1)	(2)	AI-9	6
P1	O	.....	1005-608-5218	PIN, HINGE COVER: (7269247)	2	2	*	*	*	*	3-5	11
P	O	.....	1005-909-3006	PIN, LINK, SEAR: (49806)	2	2	*	*	*	*	3-5	19
P	O	.....	1005-994-9648	PIN, LOCK: (7792920)	2	1	(1)	(1)	(1)	(1)	AI-9	1
P	O	.....	1005-909-3026	PIN, LOCKING: (50256)	2	2	*	*	*	*	3-7	4
P1	O	.....	1005-909-3004	PIN, SEAR: (49804)	2	2	*	*	*	*	3-8	1
P	O	.....	5315-839-0901	PIN, SPRING: (96906-39086-81)	1	1	(1)	(1)	(1)	(2)	AI-9	7
P	O	.....	5315-720-6492	PIN, SPRING: (96906-9047-069)	1	2	(1)	(1)	(1)	(1)	3-9	1
P	O	.....	1005-872-4445	PLUG ASSEMBLY, BOLT: (7791523)	2	1	(1)	(1)	(1)	(2)	AI-9	2
P1	O	.....	1005-987-9907	PLUG, GAS CYLINDER: (7792093)	3	1	(1)	(1)	(1)	(1)	AI-7	9
P1	O	.....	1005-608-5057	PLUNGER, EXTRACTOR: (7269083)	2	1	(1)	(1)	(1)	(1)	AI-9	11
P1	O	.....	1005-909-3009	PLUNGER, SAFETY: (49811)	2	2	*	*	*	*	3-8	8
P1	O	.....	1005-608-5180	PLUNGER, SEAR: (7269207)	2	2	*	*	*	*	3-8	4
P1	O	.....	1005-903-1037	RETAINER ASSEMBLY, SCREW: (50258)	1	1	*	*	*	*	3-7	2
P1	O	.....	1005-909-4179	RETAINER, REAR SIGHT: (49829)	1	2	*	*	*	*	3-9	3
P	O	R	1005-069-9359	ROD ASSEMBLY, OPERATING: (7791597)	1	1	(1)	(1)	(1)	(1)	3-5	26C
P1	O	.....	1005-909-3008	SAFETY, SMALL ARMS: (49810)	1	2	*	*	*	*	3-8	7
P1	O	.....	1005-608-5182	SEAR: (7269209)	1	1	(1)	(1)	(1)	(1)	3-8	3
P1	O	.....	1005-909-3018	SIGHT, REAR: (49832)	1	2	*	*	*	*	3-9	4
P1	O	.....	5340-952-4705	SPRING (96906-24585-75)	1	2	*	*	*	*	3-9	6
P	O	.....	1005-909-3025	SPRING, HELICAL, COMPRESSION: (50255)	2	2	*	*	*	*	3-7	5
P	O	.....	1005-909-3017	SPRING, HELICAL, COMPRESSION: (49828)	2	2	*	*	*	*	3-8	9
P1	O	.....	1005-608-5060	SPRING, HELICAL, COMPRESSION: (7269086)	4	1	(1)	(1)	(1)	(1)	AI-9	12
P	O	.....	1005-608-5059	SPRING, HELICAL, COMPRESSION: (7269085)	4	1	(1)	(1)	(1)	(2)	AI-9	9
P1	O	.....	1005-608-5184	SPRING, HELICAL, COMPRESSION: (7269211)	1	2	*	*	*	*	3-8	5
P1	O	.....	1005-608-5061	SPRING, HELICAL, COMPRESSION: (7269087)	4	1	(1)	(1)	(1)	(1)	AI-9	4
P	O	.....	1005-608-5271	SPRING, HELICAL, COMPRESSION: (7269303)	4	1	(1)	(1)	(1)	(2)	3-5	26B

Section III. ORGANIZATIONAL REPAIR PARTS AND SPECIAL TOOLS—Continued

(1) Source, Maintenance and Recoverability Code			(2)	(3)	(4)	(5)	(6) 15 Days Maintenance Allowance Per Equipment Density Spread				(7) Illustration	
Source	Maintenance Level	Recoverability	Federal Stock Number	Description	Unit of Issue	Quantity Incorporated in Unit	1-6	7-20	21-50	51-100	Figure Number	Item Number
A	B	C					A	B	C	D	A	B
P1	O	.....	1005-909-3021	SPRING, LOCK, RETAINING PIN: (49860)	2	2	*	*	*	*	3-5	6
P1	O	.....	1005-987-9682	TRAY ASSEMBLY, CARTRIDGE: (7792096)	2	1	*	*	*	*	3-5	15
P	O	.....	1005-608-5009	WASHER, KEY: (7269035)	4	2	(1)	(1)	(1)	(1)	AI-7	6
P1	O	.....	9505-603-4116	WIRE, STEEL, CORROSION RESISTING: (96906-20995-C20).	lb	‡	*	*	*	*	3-5	17
P1	O	.....	9505-293-4208	WIRE, STEEL, CORROSION RESISTING: (96906-20995-C32).	lb	‡	*	*	*	*	3-12	1
											AI-7	4
P1	O	.....	1005-909-3020	YOKE, BUFFER RETAINING: (49859)	1	2	*	*	*	*	3-5	22
				MOUNT ASSEMBLY, LEFT HAND (49937) AND RIGHT HAND (49936) (Armament subsystem XM23.)								
P	O	.....	3110-990-4372	BALL, STEEL (96906-19059-86)	10	24	*	*	*	*	3-12	9
P1	O	.....	1005-903-1036	BEAM, MOUNTING: (50149)	1	2	*	*	*	*	3-12	4
P1	O	.....	1005-903-1034	BEAM, MOUNTING: (49869)	1	2	*	*	*	*	3-12	5
P	O	.....	5306-151-0528	BOLT: (88044-24-26)	100	4	*	*	*	*	3-12	22
P1	O	.....	1005-903-1042	LOCK, TRANSVERSING: (50615)	1	2	*	*	*	*	3-12	16
P1	O	.....	5310-208-4026	NUT: (96906-20500-1032)	1	2	*	*	*	*	3-12	11
P1	O	.....	5310-877-5796	NUT: (96906-21044-N4)	1	2	*	*	*	*	3-12	14
P1	O	.....	5310-167-1280	NUT: (88044-310-C4)	1	8	*	*	*	*	3-12	20
P1	O	.....	1005-903-1035	NUT, PLAIN, ROUND: (49942)	1	2	*	*	*	*	3-12	7
P	O	.....	5315-234-1854	PIN, COTTER: (96906-24665-153)	1	8	*	*	*	*	3-12	19
P	O	.....	5315-234-1864	PIN, COTTER: (96906-24665-302)	1	8	*	*	*	*	3-12	6
P1	O	.....	1005-903-1043	PINTLE, POST: (50613)	1	2	*	*	*	*	3-12	18
P1	O	.....	1005-903-1228	PIVOT, PINTLE: (51165)	1	2	*	*	*	*	3-12	10
P1	O	.....	1005-909-3010	RETAINER, BALL BEARING: (49815)	1	2	*	*	*	*	3-12	8
P1	O	.....	5305-050-9217	SCREW (96906-24678-48)	1	12	*	*	*	*	3-12	2
P1	O	.....	1005-903-1043	SPACER, SLEEVE: (50616)	2	2	*	*	*	*	3-12	13
P1	O	.....	1005-912-3698	TUBE ASSEMBLY, BASE: (50628)	1	2	*	*	*	*	3-12	23
P	O	.....	5310-080-6004	WASHER, FLAT: (96906-27183-14)	1	12	*	*	*	*	3-12	3
P	O	.....	5310-141-1795	WASHER, FLAT: (88044-960-416)	1	8	*	*	*	*	2-13	3-12
P1	O	.....	9505-293-4208	WIRE, STEEL, CORROSION RESISTING: (96906-20995-C32).	lb	‡	*	*	*	*	3-12	1
				MOUNT ASSEMBLY, LEFT SIDE (50599) AND RIGHT SIDE (50600) (Armament subsystem XM24.)								
P	O	.....	3110-990-4372	BALL, STEEL: (96906-19059-86)	10	24	*	*	*	*	3-17	2
P	O	.....	1005-909-3031	CORD ASSEMBLY, SHOCK: (50598-1)	2	2	(1)	(1)	(1)	(1)	3-17	4
P1	O	.....	5340-909-3034	PIN, QUICK RELEASE: (50601)	1	2	*	*	*	*	3-17	7
P1	O	.....	1005-909-3019	PIVOT, PINTLE: (49843)	1	2	*	*	*	*	3-17	3
P1	O	.....	1005-909-3010	RETAINER, BALL BEARING: (49815)	1	2	*	*	*	*	3-17	1
				CAN ASSEMBLY, AMMUNITION: (50617) (Armament subsystem XM24)								
P1	O	.....	5315-815-1405	PIN, COTTER: (96906-24665-151)	2	2	*	*	*	*	3-18	1
P1	O	.....	5315-087-8226	PIN, STRAIGHT, HEADLESS (96906-20392-2C-21)	2	1	*	*	*	*	3-18	2
P1	O	.....	1005-903-1091	PLUNGER, HOLDING: (50622)	2	2	*	*	*	*	3-18	5
P1	O	.....	1005-903-1092	SPRING, HELICAL, COMPRESSION: (50623)	2	2	*	*	*	*	3-18	3
				ROD, CLEANING, SMALL ARMS: MI (6508237)								
P	O	.....	1005-601-7660	SWAB HOLDER SECTION, SMALL ARMS CLEANING ROD: (6017660).	20	1	*	*	*	*	AI-1	1C
				AMMUNITION BOX AND COVER ASSEMBLY: (51267) (Armament subsystem XM23)								
P1	O	.....	1005-903-1093	COVER ASSEMBLY, AMMUNITION: (51170)	1	2	*	*	*	*	3-13	1
P	O	.....	1005-972-8127	FITTING, BOX END: (7792344)	1	2	*	*	*	*	3-14	3
P	O	.....	1005-972-8128	FITTING, GUN END: (7792345)	1	2	*	*	*	*	3-14	1
P	O	.....	1005-972-8126	LINK, AMMUNITION CHUTE: (7792343)	10	88	(1)	(2)	(3)	(4)	3-14	2
				BAG, EJECTION CONTROL: (49931) (Armament Subsystems XM23 and XM24)								
P1	O	.....	1005-903-1146	BAG, EMPTY CARTRIDGE: (51166)	1	2	*	*	*	*	3-16	1
P1	O	.....	1005-903-1040	LATCH, SAFETY, REAR BRACKET: (50269)	2	2	*	*	*	*	3-16	5
P1	O	.....	5315-815-1405	PIN, COTTER: (96906-24665-151)	2	2	*	*	*	*	3-16	2
P1	O	.....	1005-903-1038	PIN, REAR BRACKET: (50264)	2	2	*	*	*	*	3-16	3
P1	O	.....	1005-903-1039	SPRING, HELICAL, TORSION: (50267)	2	1	*	*	*	*	3-16	4

Section III. ORGANIZATIONAL REPAIR PARTS AND SPECIAL TOOLS—Continued

(1) Source, Maintenance and Recoverability Code			(2)	(3)	(4)	(5)	(6) 15 Days Maintenance Allowance Per Equipment Density Spread				(7) Illustration	
Source	Maintenance Level	Recoverability	Federal Stock Number	Description	Unit of Issue	Quantity Incorporated in Unit	1-6	7-20	21-50	51-100	Figure Number	Item Number
A	B	C					A	B	C	D	A	B
				TOOLS AND EQUIPMENT FOR UNIT REPLACEMENT								
				ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: XM23 and XM24, w/e								
				MACHINE GUN, 7.62-MILLIMETER: XM60D, flexible (49929)								
				The items listed below are authorized for replenishment of basic issue equipment. The allowances shown below are for two machine guns.								
			1005-556-4174	BRUSH, CLEANING, SMALL ARMS: (5564174)	10		1	1	2	3	AI-1	2
			1005-690-3115	BRUSH, CLEANING, SMALL ARMS: (7790452)	10		1	1	2	3	AI-1	3
			1005-650-4508	BRUSH, CLEANING, SMALL ARMS: (7790342)	10		1	1	1	2	AI-1	4
			1005-791-5420	CASE, CARRYING, BARREL ASSEMBLY AND EQUIPMENT: (771009).	1		(1)	(1)	(1)	(1)	AI-3	
			1680-516-8427	HARNESS ASSEMBLY: (AF51J3817)	1		*	*	*	*		
			9150-889-3522	LUBRICATING OIL, SEMI-FLUID: (7791359)	5		1	2	2	4	AI-1	5
			1005-691-1639	MAGAZINE ASSEMBLY, AMMUNITION (7790572)	1		(1)	(1)	(1)	(1)	AI-6	
			8145-266-8843	MITTEN, CLOTH: (37-M-394)	2		1	1	1	1	AI-5	
			1005-650-8237	ROD, CLEANING, SMALL ARMS: (6508237)	1		1	1	1	1	AI-1	1
			1005-690-3766	WRENCH, SCREWDRIVER AND REAMER, COMBINATION: (7790680).	1		1	1	1	1	AI-2	
				MOUNT ASSEMBLY, LEFT HAND (49937) AND RIGHT HAND (49936) (Armament subsystem XM23.)								
			1005-973-2474	ADAPTER, AMMUNITION CHUTE STRAIGHT: (7792472).	2		*	*	*	*	3-14	1
			1005-903-1094	AMMUNITION BOX AND COVER ASSEMBLY: (51267).	1		*	*	*	*	1-5	
			1005-903-1088	BAG, EJECTION CONTROL: (49931)	1		*	*	*	*	1-5	
			7510-763-5996	ENVELOPE, TRANSPARENT: (81348-E-43183)	1		1	1	1	1	AI-4	
			1005-994-9647	PLUG, END-LINK: (7791595)	1		(2)	(4)	(4)	(10)	AI-4	
				MOUNT ASSEMBLY, LEFT SIDE (50599) AND RIGHT SIDE (50600) (Armament subsystem XM24.)								
			1005-903-1088	BAG, EJECTION, CONTROL: (49931)	1		*	*	*	*	1-7	
			1005-903-1090	CAN ASSEMBLY, AMMUNITION: (50617)	1		1	1	1	1	1-7	
			7510-763-5996	ENVELOPE, TRANSPARENT: (81348-E-43183)	1		1	1	1	1	AI-4	
			1005-994-9647	PLUG, END LINK: (7791595)	1		(2)	(4)	(4)	(10)	AI-4	
				SPECIAL TOOLS FOR ORGANIZATIONAL MAINTENANCE FOR:								
				The 15-day level does not apply to special tools for organizational maintenance. The following tools are authorized one (1) each to each aircraft armament repairman MOS 427 supporting the subsystems XM23 and XM24.								
				MACHINE GUN, 7.62-MILLIMETER: XM60D, flexible (49929)								
			1005-722-5087	BRUSH, CLEANING, SMALL ARMS: (7225087)							AI-2	
			4933-652-9950	EXTRACTOR, RUPTURED CARTRIDGE CASE: (7790352)							AI-2	
			1005-790-3600	STAFF, CLEANING, 20-MILLIMETER: (7790518)							AI-2	
			1005-690-3766	WRENCH, SCREWDRIVER AND REAMER, COMBINATION: (7790680).							AI-2	
				MOUNT ASSEMBLY, LEFT HAND (49937) AND RIGHT HAND (49936) (Armament subsystem XM23.) None authorized.								
				MOUNT ASSEMBLY, LEFT SIDE (50599) AND RIGHT SIDE (50600) (Armament subsystem XM24.) None authorized.								

Section III. ORGANIZATIONAL REPAIR PARTS AND SPECIAL TOOLS—Continued

(1) Source, Maintenance and Recoverability Code			(2)	(3)	(4)	(5)	(6) 15 Days Maintenance Allowance Per Equipment Density Spread				(7) Illustration	
Source A	Maintenance Level B	Recoverability C	Federal Stock Number	Description	Unit of Issue	Quantity Incorporated in Unit	1-6 A	7-20 B	21-50 C	51-100 D	Figure Number A	Item Number B
				COMMON MAINTENANCE TOOLS								
				The sets listed below are authorized in accordance with TOE.								
				TOOL SET, AIRCRAFT ARMAMENT REPAIRMAN: MOS 427, basic (FSN 4933-987-9816) (Listed in SM 9-4-4933-A15.)								
				MAINTENANCE MATERIALS								
				The following items are requisitioned as required. For usage see TM 9-247, TM 9-213, and TM 9-208-1.								
			8020-244-0153	BRUSH, ARTISTS: (81348-H-B-241).								
			8020-597-2645	BRUSH, ARTISTS: (08288-8020-1).								
				CLEANING COMPOUND, SOLVENT: (81348-ORD-PD-126).								
			6850-682-6835	2 oz can								
			6850-224-6657	6 oz can								
			6850-224-6658	1 qt can								
			6850-224-6663	1 gal can								
			5350-192-5052	CLOTH, ABRASIVE: (P-C-458)								
				DRY CLEANING SOLVENT: (81348-P-S-661).								
			6850-281-1985	1 gal can								
				LUBRICATING OIL, GENERAL PURPOSE: (81349-L-644).								
			9150-273-2389	4 oz can								
			9150-231-6689	1 qt can								
				LUBRICATING OIL, SEMIFLUID: (81349-L-46000)								
			9150-687-4241	1 qt can								
				LUBRICATING OIL, WEAPONS: (81349-L-14107).								
			9150-292-9689	1 qt can								
			7920-205-1711	RAG, WIPING: (96906-16746-131).								
				SWAB, SMALL ARMS CLEANING:								
			1005-288-2868	20 ea in wp env (export pack) (2-P-600-40).								
			1005-288-3565	200 ea in bndl (2-P-600-80) (5019316)								
				THINNER, PAINT, MINERAL SPIRITS: (81348-TT-T-291).								
			8010-242-2089	1 gal can								

Section IV. DIRECT AND GENERAL SUPPORT AND DEPOT REPAIR PARTS AND SPECIAL TOOLS

(1) Source, Maintenance and Recoverability Code			(2)	(3)	(4)	(5)	(6) 15-Day Maintenance Allowance Per 100 Equipments		(7)	(8) Illustration	
(a) Source	(b) Maintenance Level	(c) Recoverability	Federal Stock Number	Description	Unit of Issue	Quantity Incorporated In Unit	(a) Direct Support	(b) Heavy Support	Depot Maintenance Guide Per 100 Equipments	(a) Figure Number	(b) Item Number
				COMPONENTS OF MAJOR COMBINATIONS							
				None authorized.							
				REPAIR PARTS FOR:							
				ARMAMENT SUBSYSTEM, HELICOPTER, 7.62-MILLIMETER MACHINE GUN: XM23 and XM24, w/e							
				MACHINE GUN, 7.62-MILLIMETER: XM60D, flexible (49929)							
				Quantity incorporated in unit indicates quantity per one XM60D machine gun.							
P1	O	.....	1005-909-3014	ACTIVATOR, SEAR ASSEMBLY: (49824)	1	2	(0.2)	(0.1)	2	3-8	6
P1	O	.....	1005-608-5037	ACTUATOR ASSEMBLY, CAM: (7269063)	2	1	(0.2)	(0.1)	10	AI-9	3
P1	O	.....	1005-909-3011	ADAPTER, GUN: (49819)	1	2	(0.4)	(0.1)	5	3-5	9
P	O	.....	3110-142-0145	BALL, BEARING (96906-19059-8)	10	1	1.0	0.3	15	3-9	5
P1	O	.....	1005-608-5001	BARREL ASSEMBLY WITH BIPOD ASSEMBLY (7269027).	1	1	(0.8)	(0.2)	.....	3-5 3-6	5
P1	O	.....	1005-909-3022	BASE, REAR SIGHT: (49874)	2	2	(0.4)	(0.1)	4	3-9	7
P1	O	.....	1005-608-5039	BEARING, FIRING PIN: (7269065)	5	1	(0.2)	(0.1)	6	AI-9	5
P1	O	R	1005-763-1863	BOLT ASSEMBLY, BREECH: (11010357)	1	1	(6.2)	(2.1)	.....	3-5	25
P1	D	.....	1005-872-4441	BOLT, BREECH: (11010358)	1	1	.....	.....	50	AI-9	13
P1	O	.....	1005-909-3016	BOOT, DUST AND MOISTURE SEAL: (49827)	1	2	(0.8)	(0.2)	8	3-5	23
P1	H	.....	1005-690-3501	BRACKET ASSEMBLY, MAGAZINE: (7790550)	1	1	.....	0.3	5	4-1	21
P1	O	.....	1005-908-4141	BUFFER ASSEMBLY: (11010518)	1	1	(0.5)	(0.2)	8	3-5	24
P1	D	.....	1005-608-5099	BUMPER ASSEMBLY, CAM: (7269126)	1	1	.....	.....	10	AI-11	8F
P1	O	.....	1005-909-3005	BUSHING, SEAR: (49805)	2	2	(0.8)	(0.2)	8	3-8	2

Section IV. DIRECT AND GENERAL SUPPORT AND DEPOT REPAIR PARTS AND SPECIAL TOOLS—Continued

(1) Source, Maintenance and Recoverability Code			(2)	(3)	(4)	(5)	(6) 15-Day Maintenance Allowance Per 100 Equipments		(7)	(8) Illustration	
(a) Source	(b) Maintenance Level	(c) Recoverability	Federal Stock Number	Description	Unit of Issue	Quantity Incorporated In Unit	(a) Direct Support	(b) Heavy Support	Depot Maintenance Guide Per 100 Equipments	(a) Figure Number	(b) Item Number
				REPAIR PARTS FOR—Continued:							
				MACHINE GUN, 7.62–MILLIMETER: XM60D, flexible (49929)—continued:							
P1	F	.....	1005–909–3030	CABLE, PIN, SAFETY: (50597–2)	1	1	0.8	0.2	15	3–5	1
P1	O	.....	1005–912–1147	CAM ASSEMBLY (11686319)	1	1	(0.4)	(0.1)	5	AI–11	1
X1	.....	.....	.....	CHANNEL ASSEMBLY (11010268)	.....	1	.....	.....	.....	AI–11	1D
P	O	.....	5340–909–3033	CLIP, RETAINING SCREW: (49814)	2	2	(1.7)	(0.6)	20	3–7	1
X1	.....	.....	.....	CHASSIS ASSEMBLY, CARRIER (7269149)	.....	1	.....	.....	.....	AI–11	7D
P1	O	.....	1005–608–5119	CLIP, SPRING LEVER: (7269146)	2	1	(0.8)	(0.2)	10	AI–11	2A
X1	.....	.....	.....	COVER ASSEMBLY (7269114)	.....	1	.....	.....	.....	3–5	14
P	O	.....	1005–872–4442	EJECTOR, CARTRIDGE: (11010375)	2	1	(6.2)	(2.1)	50	AI–9	8
P1	O	.....	1005–608–5004	EXTENSION, GAS CYLINDER: (7269030)	1	1	(0.2)	(0.1)	5	AI–7	8
P1	O	.....	1005–779–6030	EXTRACTOR: BOLT ASSEMBLY (7790907)	2	1	(0.8)	(0.2)	100	AI–9	10
X1	.....	.....	.....	FOOT ASSEMBLY, LEFT HAND (7269055)	.....	1	.....	.....	.....	AI–8	8C
X1	.....	.....	.....	FOOT ASSEMBLY, RIGHT HAND (7269061)	.....	1	.....	.....	.....	AI–8	7C
X1	.....	.....	.....	FRAME ASSEMBLY (7269128)	.....	1	.....	.....	.....	AI–11	8N
X1	.....	.....	.....	FRAME ASSEMBLY, CARTRIDGE TRAY (7792097)	.....	1	.....	.....	.....	AI–12	5
P1	O	.....	1005–909–3024	GRIP AND TRIGGER ASSEMBLY: (49926)	1	2	(0.5)	(0.2)	6	3–5	16
P	O	.....	1005–608–5172	GUIDE ASSEMBLY, DRIVING SPRING: (7269199)	2	1	(13.8)	(1.2)	40	3–5	26A
P1	O	.....	1005–608–5089	GUIDE, CARTRIDGE, FRONT: (7269116)	5	1	(0.8)	(0.2)	12	AI–11	5
P1	O	.....	1005–608–5090	GUIDE, CARTRIDGE, REAR: (7269117)	1	1	(0.8)	(0.2)	12	AI–11	6
P1	F	.....	1005–603–9285	GUIDE, COCKING HANDLE: (11010155)	5	1	(0.2)	(0.1)	4	4–1	11
X1	.....	.....	.....	HANDLE ASSEMBLY (7791621)	.....	1	.....	.....	.....	4–1	12
P1	F	.....	1005–608–5203	HANDLE ASSEMBLY, CARRYING: (7269231)	5	1	(0.6)	(0.2)	10	4–1	9
P1	O	.....	1005–909–3013	HOUSING, SEAR: (49822)	1	2	(0.4)	(0.1)	5	3–8	10
X1	.....	.....	.....	HOUSING ASSEMBLY, FOOT LEFT HAND (7269056)	1	.....	.....	.....	.....	AI–8	7D
X1	.....	.....	.....	HOUSING ASSEMBLY, FOOT RIGHT HAND (7269062)	1	.....	.....	.....	.....	AI–8	8D
P1	F	.....	1005–608–5091	HOUSING ASSEMBLY, COVER: (7269118)	1	1	(0.4)	(0.1)	15	AI–11	8
X1	.....	.....	.....	KEY (7269057)	1	.....	.....	.....	.....	AI–8	7B
										AI–8	8B
P1	F	.....	1005–608–5109	LATCH, COVER: (7269136)	2	1	(0.4)	(0.1)	5	AI–11	8C
P1	O	.....	1005–608–5214	LATCH, HINGE PIN: (7269243)	2	1	(0.8)	(0.2)	12	3–5	12
P1	F	.....	1005–690–3504	LATCH, MAGAZINE: (7790553)	1	1	(0.4)	(0.1)	8	4–1	18
P1	F	.....	1005–690–3505	LATCH, MAGAZINE RELEASE: (7790554)	1	1	(0.4)	(0.1)	8	4–1	17
P1	D	.....	1005–608–5021	LEG ASSEMBLY: (7269046)	1	1	.....	.....	5	AI–8	8
X1	.....	.....	.....	LEVER ASSEMBLY (7269119)	.....	1	.....	.....	.....	AI–11	2
P1	F	.....	1005–608–5110	LEVER ASSEMBLY, LATCH: (7269137)	1	1	(0.4)	(0.1)	8	AI–11	8B
P1	O	.....	1005–608–5118	LEVER, FEED: (7269145)	2	1	(0.4)	(0.1)	6	AI–11	2B
P1	O	.....	1005–909–3023	LINK AND SPRING, SEAR ASSEMBLY: (49875)	1	2	(0.8)	(0.2)	10	3–5	21
P1	F	.....	1005–918–2608	LOCK (11010184)	2	1	(0.1)	(0.1)	2	4–1	4
P	O	.....	5310–208–4026	LOCKNUT: (96906–20500–1032)	1	2	1.7	0.6	22	3–9	2
P1	O	.....	1005–608–5005	NUT, GAS CYLINDER: (7269031)	1	1	(0.2)	(0.1)	10	AI–7	5
P1	O	.....	1005–909–3003	NUT, SEAR LINK: (49803)	2	2	(0.8)	(0.2)	10	3–5	20
P1	D	.....	1005–608–5111	PAD ASSEMBLY, CHEEK: (7269138)	1	1	.....	.....	10	AI–11	8H
P1	O	.....	1005–608–5093	PAWL ASSEMBLY, FEED: (7269120)	2	1	(0.4)	(0.1)	10	AI–11	7
P1	F	.....	1005–608–5299	PAWL, CARTRIDGE RETAINER: (7269332)	2	1	(0.1)	(0.1)	10	AI–12	3
P1	O	.....	1005–909–3007	PIN, DOUBLE TRIGGER: (49808)	2	2	(0.8)	(0.2)	10	3–7	7
P	O	.....	5310–282–1225	PIN, COTTER (96906–24665–150)	1	2	1.7	0.6	15	3–5	18
X1	.....	.....	.....	PAWL, FEED (7269150)	.....	1	.....	.....	.....	AI–11	7B
P1	O	.....	5340–913–5486	PIN (96906–17990–C–519)	1	2	0.8	0.2	8	3–5	3
P	F	.....	1005–209–6241	PIN, RETAINING, GUIDE SHAFT: (11010181)	100	3	(2.0)	(0.7)	300	4–1	15
										AI–11	3
P1	F	.....	1005–608–5022	PIN, RETAINER, SPRING: (7269048)	4	2	(0.2)	(0.1)	8	AI–8	2
P	O	.....	5315–200–2213	PIN, SPRING: (96906–9048–100)	1	2	1.7	0.6	15	3–7	3
P	O	.....	1005–872–4443	PIN, FIRING: (11010376)	2	1	(6.2)	(2.1)	100	AI–9	6
P1	O	.....	1005–608–5218	PIN, HINGE COVER: (7269247)	2	2	(0.8)	(0.2)	6	3–5	11
P1	F	.....	1005–066–6062	PIN, LATCH RETAINING: (7792069)	1	2	(0.8)	(0.2)	6	4–1	16
P	O	.....	1005–909–3006	PIN, LINK, SEAR: (49806)	2	2	(1.0)	(0.3)	15	3–5	19
P	O	.....	1005–994–9648	PIN, LOCK: (7792920)	2	1	(1.7)	(0.6)	50	AI–9	1
P	O	.....	1005–909–3026	PIN, LOCKING: (50256)	2	2	(1.0)	(0.3)	14	3–7	4
P1	O	.....	1005–909–3004	PIN, SEAR: (49804)	2	2	(0.8)	(0.2)	8	3–8	1
P1	D	.....	5315–608–5116	PIN, SHOULDER, HEADED: (7269143)	100	2	.....	.....	200	AI–11	8K
P	F	.....	5315–812–4658	PIN, SPRING: (96906–39086–141)	2	1	(1.3)	(0.4)	100	AI–7	1
P	O	.....	5315–839–0901	PIN, SPRING (96906–39086–81)	1	1	(6.2)	(2.1)	100	AI–9	7
										4–1	1
P	O	.....	5315–720–6492	PIN, SPRING: (96906–9047–069)	1	2	(1.0)	(0.3)	14	3–9	1
P1	F	.....	1005–608–5217	PIN, STRAIGHT, HEADLESS: (7269246)	4	1	(0.6)	(0.2)	100	4–1	5
P1	F	.....	5315–812–9526	PIN, STRAIGHT, HEADLESS: (7790941)	1	1	(0.4)	(0.1)	8	AI–10	1
P1	F	.....	5315–878–8615	PIN, STRAIGHT, HEADLESS: (7791270)	10	1	(0.4)	(0.1)	12	AI–11	8A
P1	F	.....	1005–875–4350	PISTON, GAS: (7791247)	1	1	(0.4)	(0.1)	10	AI–7	7
P1	F	.....	1005–020–8684	PIVOT, BIPOD ASSEMBLY: (7793010)	1	1	(0.4)	(0.1)	10	AI–8	6
P1	F	.....	1005–083–0291	PLATE, MOUNTING: (7792974)	1	1	(0.5)	(0.2)	5	4–1	22B
P	O	.....	1005–872–4445	PLUG ASSEMBLY, BOLT: (7791523)	2	1	(6.2)	(2.1)	100	AI–9	2
P1	O	.....	1005–987–9907	PLUG, GAS CYLINDER: (7792093)	3	1	(0.4)	(0.1)	70	AI–7	9
P1	F	.....	1005–608–5221	PLUNGER, CARRYING HANDLE: (7269250)	4	1	(0.4)	(0.1)	4	AI–8	5

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Section IV. DIRECT AND GENERAL SUPPORT AND DEPOT REPAIR PARTS AND SPECIAL TOOLS—Continued

(1) Source, Maintenance and Recoverability Code (a) Source	(b) Maintenance Level	(c) Recoverability	(2) Federal Stock Number	(3) Description	(4) Unit of Issue	(5) Quantity Incorporated In Unit	(6) 15-Day Maintenance Allowance Per 100 Equipments (a) Direct Support	(b) Heavy Support	(7) Depot Maintenance Guide Per 100 Equipments	(8) Illustration (a) Figure Number	(b) Item Number
				REPAIR PARTS FOR—Continued:							
				MACHINE GUN, 7.62-MILLIMETER: XM60D, flexible (49929)—continued:							
P1	O	.....	1005-608-5057	PLUNGER, EXTRACTOR: (7269083)	2	1	(0.8)	(0.2)	20	AI-9	11
P1	F	.....	1005-608-5096	PLUNGER, RETAINER: (7269123)	2	1	(0.1)	(0.1)	10	AI-11	1B
P1	O	.....	1005-909-3009	PLUNGER, SAFETY: (49811)	2	2	(0.8)	(0.2)	8	3-8	8
P1	O	.....	1005-608-5180	PLUNGER, SEAR: (7269207)	2	2	(0.8)	(0.2)	10	3-8	4
P1	F	.....	1005-608-5024	PLUNGER, SPRING: (7269050)	2	2	(0.2)	(0.1)	6	4-1	8
										AI-8	5
X1	.....	.....	.....	RECEIVER ASSEMBLY (7269251)	.....	1	.....	.....	.....	4-1	22
P1	O	.....	1005-903-1037	RETAINER ASSEMBLY, SCREW: (50258)	1	1	(0.4)	(0.1)	5	3-7	2
P1	F	.....	1005-608-5208	RETAINER, COCKING HANDLE: (7269237)	4	1	(0.2)	(0.1)	8	AI-13	1
P1	F	.....	1005-608-5097	RETAINER, FEED CAM: (7269124)	2	1	(0.1)	(0.1)	6	AI-11	1A
P1	O	.....	1005-909-4179	RETAINER, REAR SIGHT: (49829)	1	2	1.0	0.3	6	3-9	3
P1	F	.....	1005-608-5027	RETAINER, SPRING: (7269053)	2	2	(0.2)	(0.1)	6	AI-8	3
P1	F	.....	1005-918-2609	RING (11010377)	2	1	(0.1)	(0.1)	2	4-1	2
P1	F	.....	1005-608-5235	RING, HANDLE, RETAINING: (7269267)	5	1	(0.6)	(0.2)	5	4-1	6
P1	H	.....	1005-690-3507	RIVET, MAGAZINE BRACKET: (7790556)	2	2	.....	(0.2)	8	4-1	13
P	H	.....	1005-075-7225	RIVET, MAGAZINE BRACKET ASSEMBLY: (7792086).	100	4	.....	(0.4)	60	4-1	20
P1	F	.....	1005-083-0290	RIVET, RECEIVER ASSEMBLY: (7792972)	100	1	(0.1)	(0.1)	20	4-1	22A
P1	D	.....	5320-608-5032	RIVET, SOLID: (7269058)	100	4	.....	.....	400	AI-8	7A
										AI-8	8A
P1	D	.....	5320-608-5112	RIVET, SOLID: (7269139)	100	2	.....	.....	200	AI-11	8E
P1	D	.....	5320-608-5085	RIVET, SOLID: (7269112)	100	9	.....	.....	100	AI-11	8G
P	O	R	1005-069-9359	ROD ASSEMBLY, OPERATING: (7791597)	1	1	(4.3)	(1.5)	50	3-5	26C
P1	F	.....	1005-608-5300	ROLLER, CARTRIDGE FEED: (7269333)	2	1	(0.1)	(0.1)	8	AI-12	2
P1	F	.....	1005-788-6109	ROLLER, YOKE: (7790942)	1	1	(0.8)	(0.2)	10	AI-10	2
P1	O	.....	1005-909-3008	SAFETY, SMALL ARMS: (49810)	2	2	(0.8)	(0.2)	8	3-8	7
P1	F	.....	1005-608-5025	SCREW: (7269051)	2	1	2.0	0.6	200	AI-8	1
P	F	.....	5305-753-4113	SCREW, ASSEMBLED WASHER: (7790559)	2	1	(1.0)	(0.2)	10	4-1	0.3
P1	O	.....	1005-608-5182	SEAR: (7269209)	1	1	(0.8)	(0.2)	9	3-8	3
X1	.....	.....	.....	SEAR AND SAFETY HOUSING ASSEMBLY (49925)	.....	1	.....	.....	.....	3-5	10
P1	F	.....	1005-013-7030	SHAFT, CARTRIDGE GUIDE: (11010152)	2	1	(0.1)	(0.1)	6	AI-11	4
P1	F	.....	1005-768-7084	SHAFT, CARTRIDGE PAWL: (7790724)	2	1	(0.1)	(0.1)	6	AI-12	1
P1	F	.....	1005-608-5124	SHAFT, FEED PAWL: (7269151)	2	1	(0.1)	(0.1)	6	AI-11	7A
P1	D	.....	1005-608-5113	SHIELD, COVER: (7269140)	2	1	.....	.....	10	AI-11	8J
P1	O	.....	1005-909-3018	SIGHT, REAR: (49832)	1	2	(0.8)	(0.2)	5	3-9	4
P1	F	.....	1005-909-3028	SLEEVE, SWAGING: (50596)	2	4	0.8	0.2	15	3-5	1
P1	F	.....	1005-608-5210	SLIDE ASSEMBLY, COCKING HANDLE: (7269239)	1	1	(0.8)	(0.2)	8	AI-13	3
X1	.....	.....	.....	SIGHT ASSEMBLY, REAR (49817)	.....	1	.....	.....	.....	3-5	4
P1	O	.....	5340-952-4705	SPRING (96906-24585-75)	1	2	0.8	0.2	6	3-9	6
P1	F	.....	1005-913-0928	SPRING (11010197)	2	1	(0.2)	(0.1)	5	4-1	3
P	O	.....	1005-909-3025	SPRING, HELICAL, COMPRESSION: (50255)	2	2	(1.0)	(0.3)	14	3-7	5
P1	D	.....	1005-608-5114	SPRING, HELICAL, COMPRESSION: (7269141)	100	2	.....	.....	180	AI-11	8L
P	O	.....	1005-909-3017	SPRING, HELICAL, COMPRESSION: (49828)	2	2	(1.0)	(0.3)	14	3-8	9
P1	F	.....	1005-066-6061	SPRING, HELICAL, COMPRESSION: (7791522)	2	1	(0.4)	(0.1)	5	AI-13	2
P1	F	.....	1005-909-3012	SPRING, HELICAL, COMPRESSION: (49820)	2	4	(0.8)	(0.2)	8	3-7	8
P1	F	.....	1005-608-5026	SPRING, HELICAL, COMPRESSION: (7269052)	4	2	(0.2)	(0.1)	5	AI-8	4
P1	F	.....	1005-608-5098	SPRING, HELICAL, COMPRESSION: (7269125)	2	1	(0.1)	(0.1)	5	AI-11	1C
P1	O	.....	1005-608-5060	SPRING, HELICAL, COMPRESSION: (7269086)	4	1	(0.8)	(0.2)	100	AI-9	12
P	O	.....	1005-608-5059	SPRING, HELICAL, COMPRESSION: (7269085)	4	1	(6.2)	(2.1)	100	AI-9	9
P1	O	.....	1005-608-5184	SPRING, HELICAL, COMPRESSION: (7269211)	1	2	(0.8)	(0.2)	8	3-8	5
P1	F	.....	1005-690-3502	SPRING, HELICAL, COMPRESSION: (7790551)	2	2	(0.8)	(0.2)	8	4-1	19
P1	O	.....	1005-608-5061	SPRING, HELICAL, COMPRESSION: (7269087)	4	1	(0.8)	(0.2)	100	AI-9	4
P1	F	.....	1005-608-5270	SPRING, HELICAL, COMPRESSION: (7269302)	2	1	(0.6)	(0.2)	6	4-1	7
P	O	.....	1005-608-5271	SPRING, HELICAL, COMPRESSION: (7269303)	4	1	(6.2)	(2.1)	100	3-5	26B
P1	F	.....	1005-870-2118	SPRING, HELICAL, TORSION: (7791271)	2	1	(0.4)	(0.1)	8	AI-11	8D
P1	F	.....	1005-608-5302	SPRING, HELICAL, TORSION: (7269335)	2	1	(0.4)	(0.1)	6	AI-12	4
P1	F	.....	1005-608-5125	SPRING, HELICAL, TORSION: (7269152)	2	1	(0.1)	(0.1)	8	AI-11	7C
P1	F	.....	1005-608-5269	SPRING, HELICAL, TORSION: (7269301)	2	1	(0.2)	(0.1)	6	3-5	13
P1	O	.....	1005-909-3021	SPRING, LOCK, RETAINING PIN: (49860)	2	2	(0.8)	(0.2)	10	3-5	6
P1	H	.....	1005-690-3500	SPRING, MAGAZINE SUPPORT: (7790549)	10	1	.....	0.3	6	4-1	14
P1	F	.....	1005-608-5008	SUPPRESSOR, FLASH: (7269034)	2	1	(0.8)	(0.2)	5	AI-7	2
P1	O	.....	1005-987-9682	TRAY ASSEMBLY, CARTRIDGE: (7792096)	2	1	(0.8)	(0.2)	50	3-5	15
P1	D	.....	1005-981-8623	WASHER, CARTRIDGE GUIDE: (7269144)	100	2	.....	.....	10	AI-11	8M
P	O	.....	1005-608-5009	WASHER, KEY: (7269035)	4	2	(1.0)	(0.3)	50	AI-7	6
P1	O	.....	9505-603-4116	WIRE, STEEL, CORROSION RESISTING: (96906-20995-C20).	lb	‡	*	*	*	3-5	17
P1	O	.....	9505-293-4208	WIRE, STEEL, CORROSION RESISTING: (96906-20995-C32).	lb	‡	*	*	1	3-12	1
										AI-7	4
P1	O	.....	1005-909-3020	YOKE, BUFFER RETAINING: (49859)	1	2	(0.4)	(0.1)	6	3-5	22

Section IV. DIRECT AND GENERAL SUPPORT AND DEPOT REPAIR PARTS AND SPECIAL TOOLS—Continued

(1) Source, Maintenance and Recoverability Code			(2)	(3)	(4)	(5)	(6) 15-Day Maintenance Allowance Per 100 Equipments		(7)	(8) Illustration	
(a) Source	(b) Maintenance Level	(c) Recoverability	Federal Stock Number	Description	Unit of Issue	Quantity Incorporated In Unit	(a) Direct Support	(b) Heavy Support	Depot Maintenance Guide Per 100 Equipments	(a) Figure Number	(b) Item Number
				REPAIR PARTS FOR—Continued:							
				MOUNT ASSEMBLY, LEFT HAND (49937) AND RIGHT HAND (49936) (Armament subsystem XM23.)							
P	O	.....	3110-990-4372	BALL, STEEL (96906-19059-86)	10	24	(6.2)	(2.1)	50	3-12	9
P1	O	.....	1005-903-1036	BEAM, MOUNTING: (50149)	1	2	(0.8)	(0.2)	10	3-12	4
P1	O	.....	1005-903-1034	BEAM, MOUNTING: (49869)	1	2	(0.8)	(0.2)	10	3-12	5
P	O	.....	5306-151-0528	BOLT: (88044-24-26)	100	4	4.3	1.5	50	3-12	22
P1	O	.....	1005-903-1042	LOCK, TRAVERSING: (50615)	1	2	(0.8)	(0.2)	7	3-12	16
P1	O	.....	5310-208-4026	NUT: (96906-20500-1032)	1	2	0.4	0.1	5	3-12	11
P1	O	.....	5310-877-5796	NUT: (96906-21044-N4)	1	2	0.4	0.1	5	3-12	14
P1	O	.....	1005-903-1035	NUT, PLAIN, ROUND: (49942)	1	2	(0.8)	(0.2)	10	3-12	7
P1	O	.....	5310-167-1280	NUT: (88044-310-C4)	1	8	3.8	1.2	50	3-12	20
P	O	.....	5315-234-1864	PIN, COTTER: (96906-24665-302)	1	8	3.8	1.2	50	3-12	6
P	O	.....	5315-234-1854	PIN, COTTER: (96906-24665-153)	1	8	3.8	1.2	50	3-12	19
P1	O	.....	1005-903-1041	PINTLE, POST: (50613)	1	2	(0.8)	(0.2)	10	3-12	18
P1	O	.....	1005-903-1228	PIVOT, PINTLE (51165)	1	2	(0.4)	(0.1)	6	3-12	10
P1	O	.....	1005-909-3010	RETAINER, BALL BEARING: (49815)	1	2	(0.8)	(0.2)	5	3-12	8
P1	O	.....	5305-050-9217	SCREW (96906-24678-48)	1	12	1.7	0.6	50	3-12	2
P1	O	.....	1005-903-1043	SPACER, SLEEVE: (50616)	2	2	(0.8)	(0.2)	7	3-12	13
P1	O	.....	1005-912-3698	TUBE ASSEMBLY, BASE: (50628)	1	2	(0.4)	(0.1)	5	3-12	23
P	O	.....	5310-080-6004	WASHER, FLAT: (96906-27183-14)	1	12	1.0	0.3	50	3-12	3
P	O	.....	5310-141-1795	WASHER, FLAT: (88044-960-416)	1	8	3.8	1.2	50	3-12	21
P1	O	.....	9505-293-4208	WIRE, STEEL, CORROSION RESISTING: (96906-20995-C32).	lb	‡	*	*	1	3-12	1
				MOUNT ASSEMBLY, LEFT SIDE (50599) AND RIGHT SIDE (50600) (Armament subsystem XM24.)							
P	O	.....	3110-990-4372	BALL, STEEL (96906-19059-86)	10	24	(6.2)	(2.1)	50	3-17	2
P1	F	.....	1005-909-3029	CABLE, PIN, SAFETY: (50597-1)	1	2	0.8	0.2	15	3-17	6
P	O	.....	1005-909-3031	CORD ASSEMBLY, SHOCK: (50598-1)	2	2	(2.0)	(0.7)	200	3-17	4
P1	O	.....	5340-909-3034	PIN, QUICK RELEASE: (50601)	1	2	(0.8)	(0.2)	50	3-17	7
P1	O	.....	1005-909-3019	PIVOT, PINTLE: (49843)	1	2	(0.4)	(0.1)	6	3-17	3
P1	O	.....	1005-909-3010	RETAINER, BALL BEARING: (49815)	1	2	(0.8)	(0.2)	5	3-17	1
P1	F	.....	1005-909-3028	SLEEVE, SWAGING: (50596)	2	4	0.8	0.2	15	3-17	5
X1	.....	.....	.....	WELDING ASSEMBLY, LEFT HAND (49872)	.....	1	.....	.....	.....	3-17	8
X1	.....	.....	.....	WELDING ASSEMBLY, RIGHT HAND (49871)	.....	1	.....	.....	.....	3-17	8
				CAN ASSEMBLY, AMMUNITION: (50617) (Armament subsystem XM24.)							
P1	O	.....	5315-815-1405	PIN, COTTER (96906-24665-151)	2	2	(0.8)	(0.2)	10	3-18	1
P1	O	.....	5315-087-8226	PIN, STRAIGHT HEADLESS (96906-20392-2C-21)	2	1	0.4	0.1	20	3-18	2
P1	O	.....	1005-903-1091	PLUNGER, HOLDING: (50622)	2	2	0.4	0.1	5	3-18	5
P1	O	.....	1005-903-1092	SPRING, HELICAL, COMPRESSION: (50623)	2	2	0.4	0.1	5	3-18	3
				ROD, CLEANING, SMALL ARMS: M1 (6508237)							
P	O	.....	1005-601-7660	SWAB HOLDER SECTION, SMALL ARMS CLEANING ROD: (6017660).	20	1	1.5	0.5	.....	AI-1	1C
				WRENCH, SCREWDRIVER AND REAMER, COMBINATION: (7790680)							
P1	F	.....	1005-608-5314	PIN, SHOULDER, HEADED: (7269348)	1	1	0.8	0.2	4	4-2	1
P1	F	.....	1055-776-0037	REAMER ASSEMBLY: (7790805)	1	1	0.8	0.2	32	4-2	3
P1	F	.....	1005-608-5315	WASHER, SPRING TENSION: (7269349)	2	1	0.8	0.2	8	4-2	2
X1	.....	.....	.....	WRENCH (7790679)	.....	1	.....	.....	.....	4-2	4
				AMMUNITION BOX AND COVER ASSEMBLY: (51267) (Armament subsystem XM23.)							
X1	.....	.....	.....	BOX (50631)	.....	2	.....	.....	.....	3-13	2
P1	O	.....	1005-903-1093	COVER ASSEMBLY, AMMUNITION: (51170)	1	2	(0.5)	(0.2)	6	3-13	1
P	O	.....	1005-972-8127	FITTING, BOX END: (7792344)	1	2	(1.3)	(0.4)	15	3-14	3
P	O	.....	1005-972-8128	FITTING, GUN END: (7792345)	1	2	(1.3)	(0.4)	15	3-14	1
P	O	.....	1005-972-8126	LINK, AMMUNITION CHUTE: (7792343)	10	88	(3.8)	(1.2)	50	3-14	2

Section IV. DIRECT AND GENERAL SUPPORT AND DEPOT REPAIR PARTS AND SPECIAL TOOLS—Continued

(1) Source, Maintenance and Recoverability Code			(2)	(3)	(4)	(5)	(6) 15-Day Maintenance Allowance Per 100 Equipments		(7)	(8) Illustration	
(a) Source	(b) Maintenance Level	(c) Recoverability	Federal Stock Number	Description	Unit of Issue	Quantity Incorporated In Unit	(a) Direct Support	(b) Heavy Support	Depot Maintenance Guide Per 100 Equipments	(a) Figure Number	(b) Item Number
				REPAIR PARTS FOR—Continued:							
				BAG, EJECTION CONTROL: (49931)							
P1	O	.....	1005–903–1146	BAG, EMPTY CARTRIDGE: (51166)	1	2	(0.8)	(0.2)	9	3–16	1
X1	.....	.....	.....	FRAME (51174)	.....	1	.....	.....	.....	3–16	7
P1	O	.....	1005–903–1040	LATCH, SAFETY, REAR BRACKET: (50269)	2	2	(0.8)	(0.2)	10	3–16	5
P1	O	.....	5315–815–1405	PIN, COTTER: (96906–24665–151)	2	2	(0.8)	(0.2)	10	3–16	2
P1	O	.....	1005–903–1038	PIN, REAR BRACKET: (50264)	2	2	(0.8)	(0.2)	10	3–16	3
P1	O	.....	1005–903–1039	SPRING, HELICAL, TORSION: (50267)	2	1	(0.8)	(0.2)	10	3–16	4
				TOOLS AND EQUIPMENT FOR UNIT REPLACEMENT							
				ARMAMENT SUBSYSTEM, HELICOPTER, 7.62–MILLIMETER MACHINE GUN: XM23 and XM24, w/e							
				MACHINE GUN, 7.62–MILLIMETER: XM60D, flexible (49929)							
				The allowances shown below are for two machine guns.							
			1005–722–5087	BRUSH, CLEANING, SMALL ARMS: (7225087)	1	.....	2.0	.....	.....	AI–2	
			1005–556–4174	BRUSH, CLEANING, SMALL ARMS: (5564174)	10	.....	3.0	.....	.....	AI–1	2
			1005–690–3115	BRUSH, CLEANING, SMALL ARMS: (7790452)	10	.....	3.0	.....	.....	AI–1	3
			1005–650–4508	BRUSH, CLEANING, SMALL ARMS: (7790342)	10	.....	1.5	.....	.....	AI–1	4
			1005–791–5420	CASE, CARRYING, BARREL ASSEMBLY AND EQUIPMENT: (7791009).	1	.....	(0.2)	.....	.....	AI–3	
			4933–652–9950	EXTRACTOR, RUPTURED CARTRIDGE CASE: (7790352).	1	.....	1.0	.....	.....	AI–2	
			1680–516–8427	HARNESS ASSEMBLY: (AF51J3817)	1	.....	(0.4)				
			9150–889–3522	LUBRICATING OIL, SEMI-FLUID: (771359)	5	.....	1.5	.....	.....	AI–1	5
			1005–691–1639	MAGAZINE ASSEMBLY, AMMUNITION: (7790572)	1	.....	(0.5)	.....	.....	AI–6	
			8145–266–8843	MITTEN, CLOTH: (37–M–394)	2	.....	1.5	.....	.....	AI–5	
			1005–650–8237	ROD, CLEANING; SMALL ARMS: (6508237)	1	.....	0.5	.....	.....	AI–1	1
			1005–790–3600	STAFF, CLEANING, 20 MILLIMETER: (7790518)	1	.....	0.5	.....	.....	AI–2	
			1005–690–3766	WRENCH, SCREWDRIVER AND REAMER, COMBINATION: (7790680).	1	.....	1.0	.....	.....	AI–2	
				MOUNT ASSEMBLY, LEFT HAND (49937) AND RIGHT HAND (49936) (Armament subsystem XM23.)							
			1005–973–2474	ADAPTER, AMMUNITION CHUTE STRAIGHT: (7792472).	1	.....	(0.8)	.....	.....	3–14	1
			1005–903–1094	AMMUNITION BOX AND COVER ASSEMBLY: (51267).	1	.....	(0.4)	.....	.....	1–5	
			1005–903–1088	BAG, EJECTION CONTROL: (49931)	4	.....	(0.8)	.....	.....	1–5	
			7510–763–5996	ENVELOPE, TRANSPARENT: (81348–E–43183)	1	.....	1.0	.....	.....	AI–4	
			1005–994–9647	PLUG, END LINK: (7791595)	1	.....	(18.8)	(6.2)	.....	AI–4	
				MOUNT ASSEMBLY, LEFT SIDE (50599) AND RIGHT SIDE (50600) (Armament subsystem XM24.)							
			1005–903–1088	BAG, EJECTION CONTROL: (49931)	1	.....	(0.8)	.....	.....	1–7	
			1005–903–1090	CAN ASSEMBLY, AMMUNITION: (50617)	1	.....	(0.5)	.....	.....	1–7	
			7510–763–5996	ENVELOPE, TRANSPARENT: (81348–E–43183)	1	.....	1.0	.....	.....	AI–4	
			1005–994–9647	PLUG, END LINK: (7791595)	1	.....	(18.8)	(6.2)	.....	AI–4	
				SPECIAL TOOLS FOR DIRECT SUPPORT AND DEPOT MAINTENANCE							
				The 15–day level does not apply to tools and equipment for direct support and depot maintenance. The following tools are authorized one (1) each to the direct support company supporting subsystems XM23 and XM24.							
				MACHINE GUN, 7.62–MILLIMETER: XM60D, flexible (49929)							
			1005–722–5087	BRUSH, CLEANING, SMALL ARMS: (7225087)	.....	.....	.....	.....	.....	AI–2	
			4933–652–9950	EXTRACTOR, RUPTURED CARTRIDGE CASE: 7790352).	.....	.....	.....	.....	.....	AI–2	
			1005–790–3600	STAFF, CLEANING, 20–MILLIMETER: (7790518)	.....	.....	.....	.....	.....	AI–2	
			1005–690–3766	WRENCH, SCREWDRIVER AND REAMER, COMBINATION: (7790680).	.....	.....	.....	.....	.....	AI–2	

Section IV. DIRECT AND GENERAL SUPPORT AND DEPOT REPAIR PARTS AND SPECIAL TOOLS—Continued

(1) Source, Maintenance and Recoverability Code			(2)	(3)	(4)	(5)	(6) 15-Day Maintenance Allowance Per 100 Equipments		(7)	(8) Illustration	
(a) Source	(b) Maintenance Level	(c) Recoverability	Federal Stock Number	Description	Unit of Issue	Quantity Incorporated In Unit	(a) Direct Support	(b) Heavy Support	Depot Maintenance Guide Per 100 Equipments	(a) Figure Number	(b) Item Number
				TOOLS AND EQUIPMENT FOR UNIT REPLACEMENT—Continued:							
				MOUNT ASSEMBLY, LEFT HAND (49937) AND RIGHT HAND (49936) (Armament subsystem XM23.)							
				None authorized.							
				MOUNT ASSEMBLY, LEFT SIDE (50599) AND RIGHT SIDE (50600) (Armament subsystem XM24.)							
				None authorized.							
				SPECIAL MAINTENANCE TOOLS							
				The sets listed below will be issued as required.							
				TOOL KIT, FIELD MAINTENANCE, BASIC, SMALL ARMS: (FSN 4933–775–0366) (Listed in SM 9–4–4933–E04.)							
				TOOL SET, FIELD MAINTENANCE: cal. .30 and 7.62 mm machine guns and mounts (FSN 4933–856–3733) (Listed in SM 9–4–4933–EO6.)							
				TOOL SET, DEPOT MAINTENANCE: cal. .30 and 7.62 mm machine guns and mounts (FSN 4933–714–2807) (Listed in SM 9–4–4933–E05.)							
				COMMON MAINTENANCE TOOLS							
				The sets listed below are authorized in accordance with TOE.							
				TOOL SET, AIRCRAFT ARMAMENT REPAIRMAN: MOS 427, basic (FSN 4933–987–9816) (Listed in SM 9–4–4933–A15.)							
				TOOL SET, AIRCRAFT ARMAMENT REPAIRMAN: MOS 427, supplemental (FSN 4933–994–9242) (Listed in SM 9–4–4933- A16.)							
				SHOP SET, FIELD MAINTENANCE, SMALL ARMS (FSN 5180–754–0664) (Listed in SM 9–4–4933–A13.)							

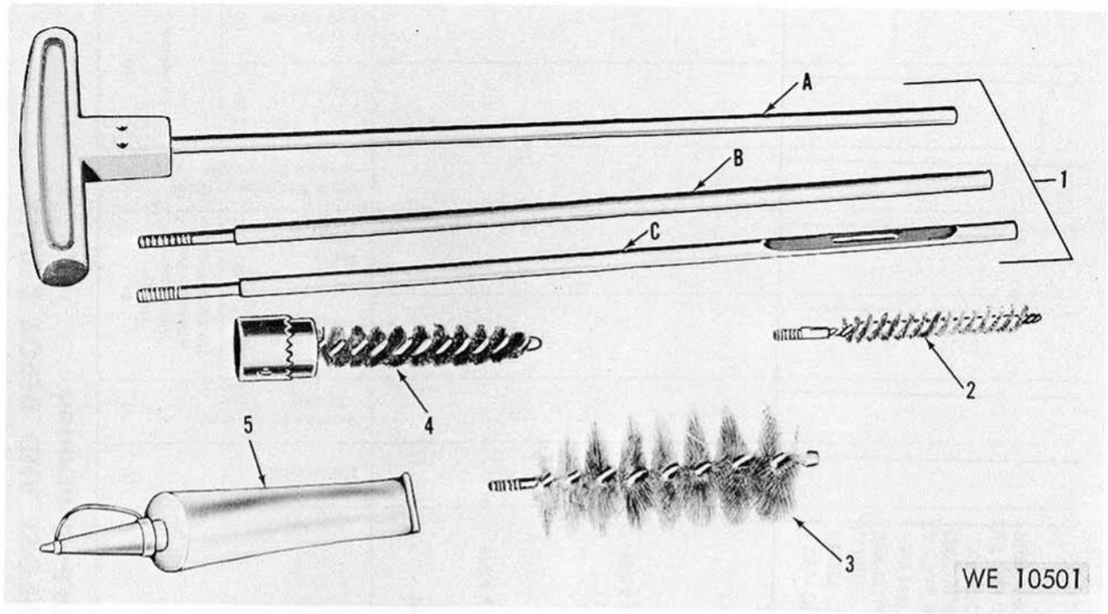


Figure AI-1. Cleaning equipment.

1—Rod
A—Section
B—Section
C—Swab holder section
2—Brush
3—Brush
4—Brush
5—Lubricating oil

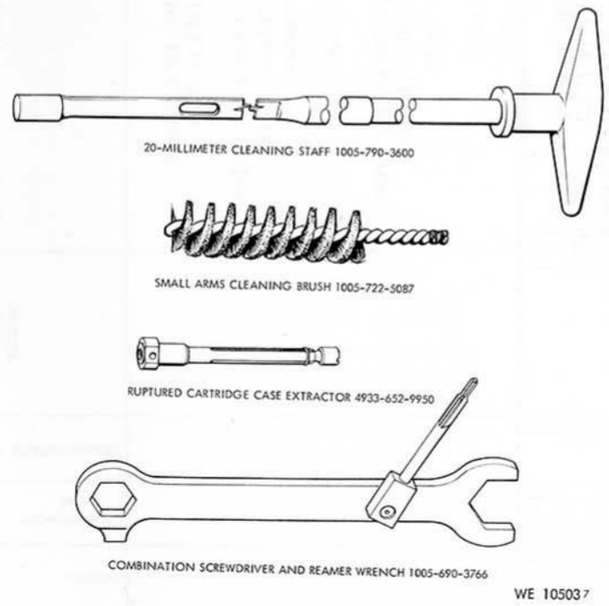


Figure AI-2. Tools and equipment.

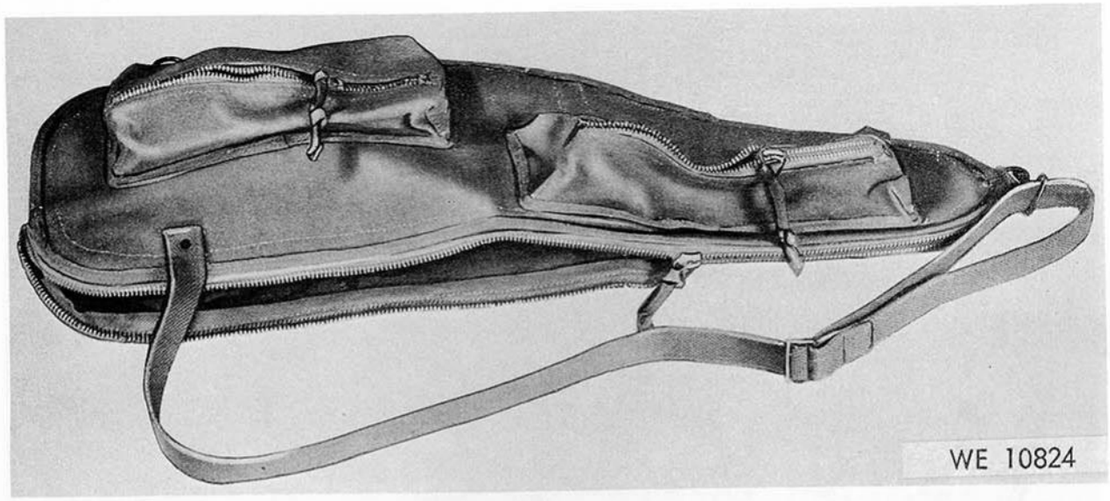


Figure AI-3. Carrying case.

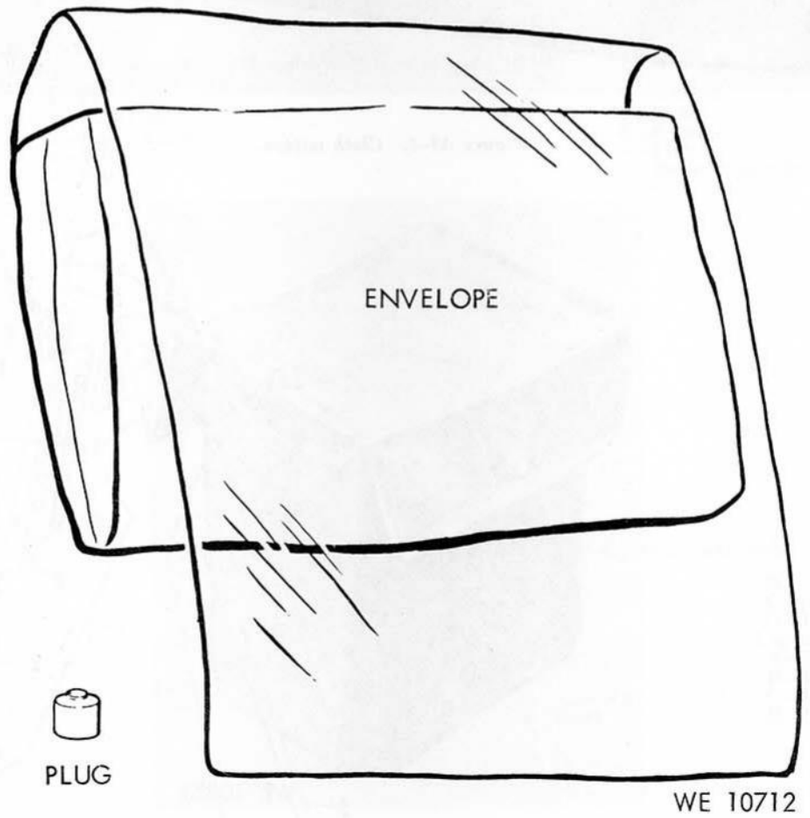


Figure AI-4. Tools and equipment.

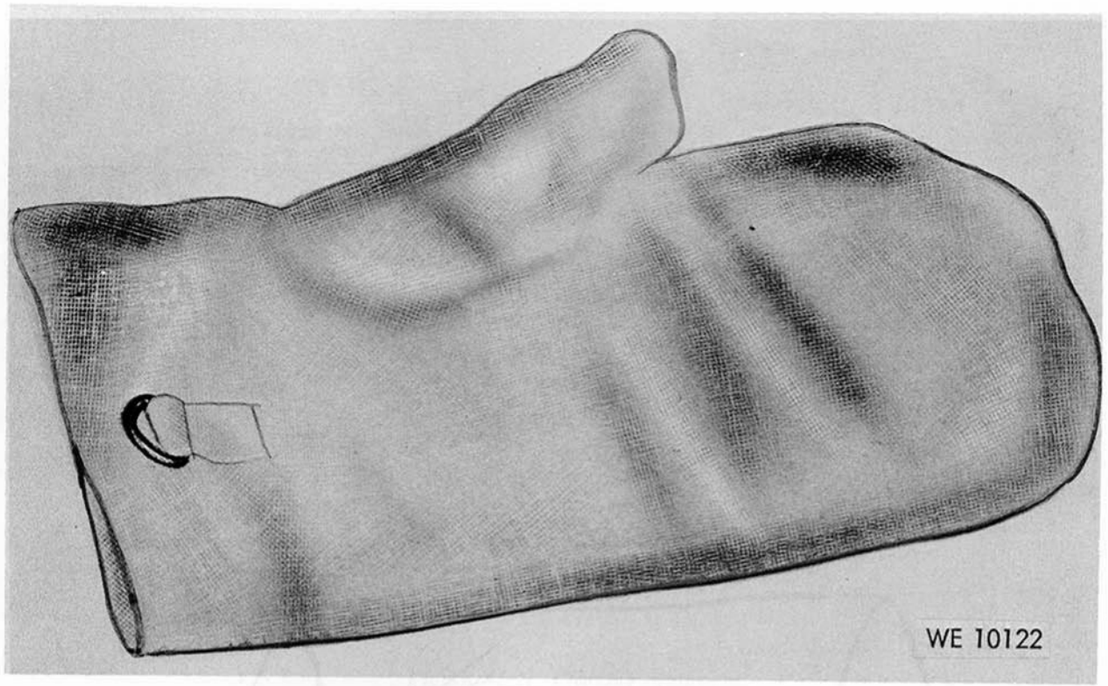


Figure AI–5. Cloth mitten.

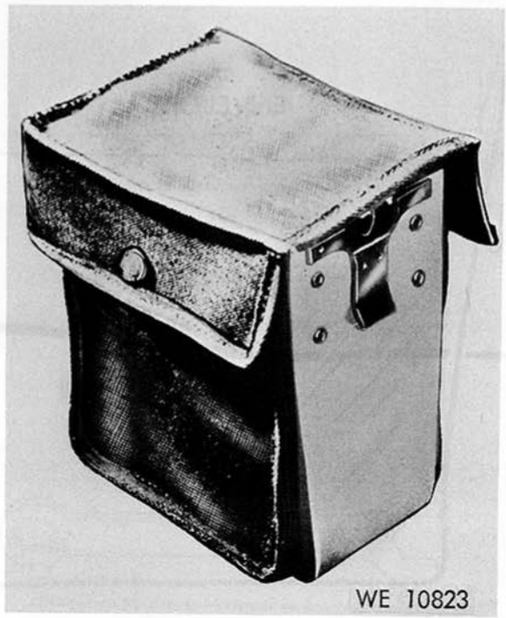


Figure AI–6. Magazine assembly.

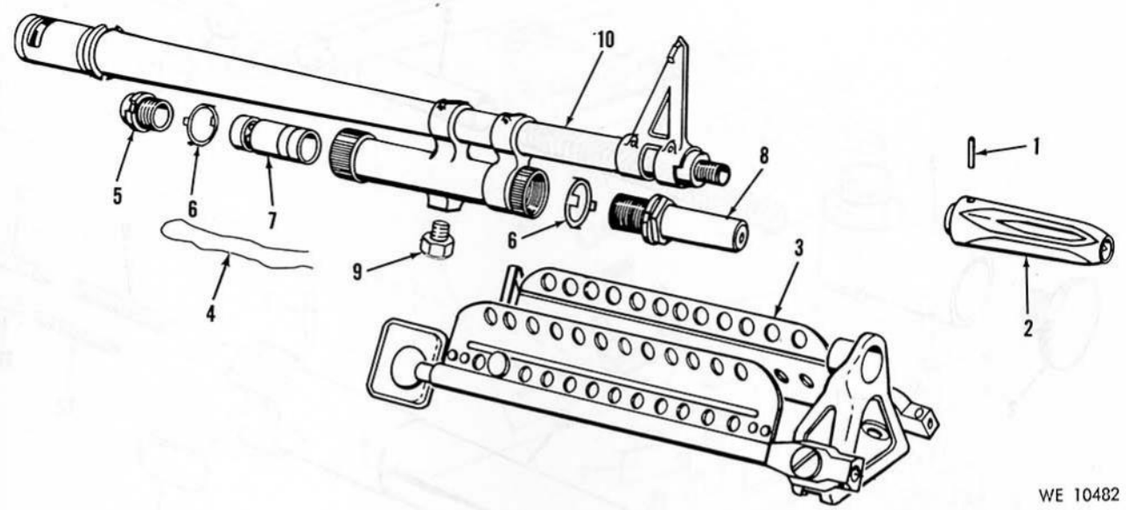


Figure AI–7. Barrel assembly with bipod assembly—exploded view.

1—Pin
2—Suppressor
3—Bipod assembly
4—Wire
5—Nut
6—Washer
7—Piston
8—Extension
9—Plug
10—Barrel assembly

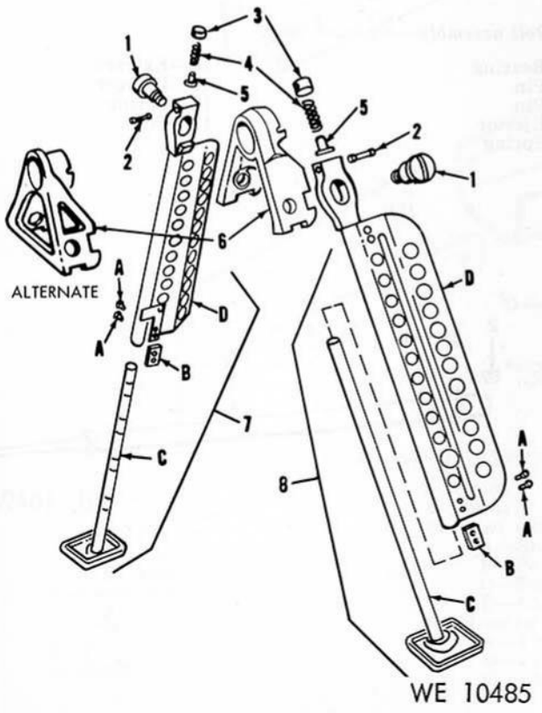


Figure AI–8. Bipod assembly—exploded view.

1—Screw
2—Pin
3—Retainer
4—Spring
5—Plunger
6—Rivet
7—Leg assembly
A—Rivet
B—Key
C—Foot assembly
D—Housing assembly
8—Leg assembly
A—Rivet
B—Key
C—Foot assembly
D—Housing assembly

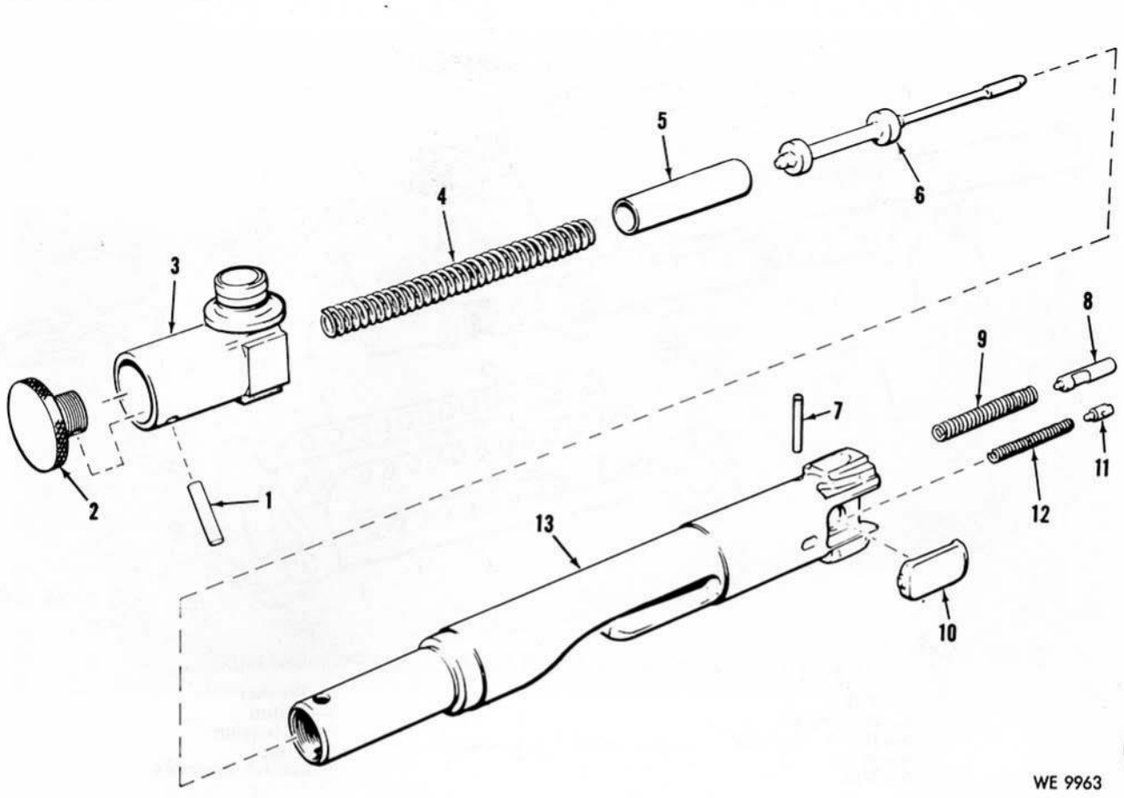


Figure AI-9. Bolt assembly—exploded view.

1—Pin
2—Plug assembly
3—Actuator assembly
4—Spring
5—Bearing
6—Pin
7—Pin
8—Ejector
9—Spring
10—Extractor
11—Plunger
12—Spring
13—Bolt

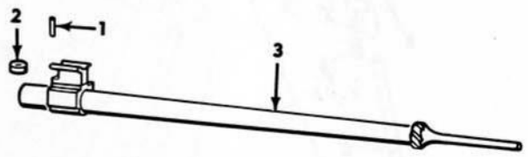


Figure AI-10. Rod assembly—exploded view.

1—Pin
2—Roller
3—Yoke and tube group

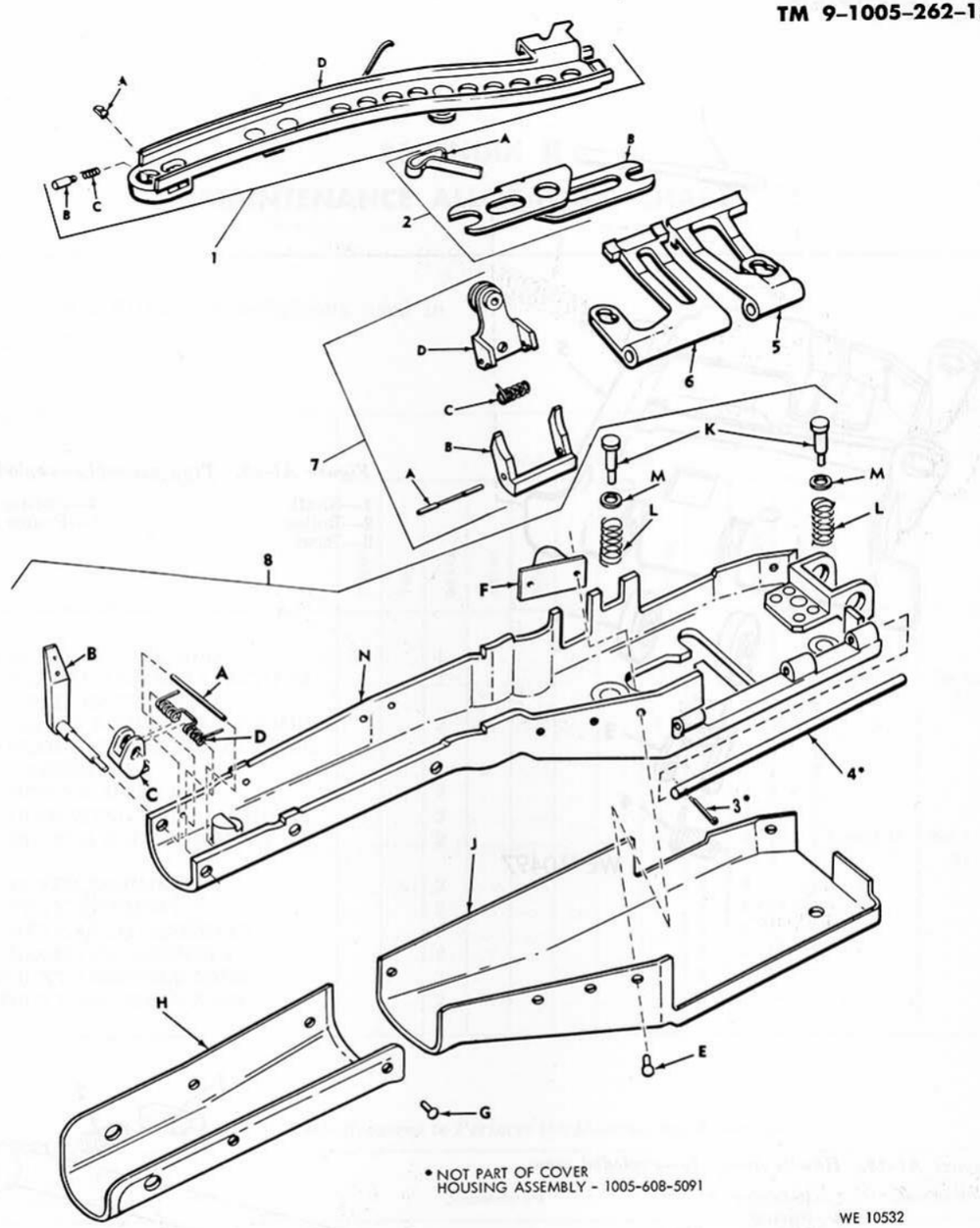


Figure AI-11. Cover assembly—exploded view.

1—Cam assembly
A—Retainer
B—Plunger
C—Spring
D—Channel assembly
2—Lever assembly
A—Clip
B—Lever
3—Pin
4—Shaft
5—Guide
6—Guide
7—Pawl assembly
A—Shaft
B—Pawl
C—Spring
D—Chassis assembly
8—Housing assembly
A—Pin
B—Lever assembly
C—Latch
D—Spring
E—Rivet
F—Bumper assembly
G—Rivet
H—Pad assembly
J—Shield
K—Pin
L—Spring
M—Washer
N—Frame assembly

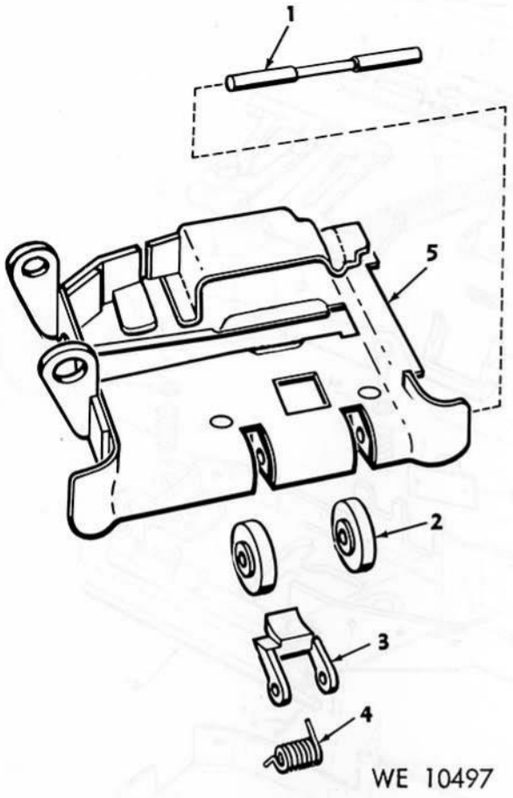


Figure AI–12. Tray assembly—exploded view.

1—Shaft
2—Roller
3—Pawl
4—Spring
5—Frame assembly

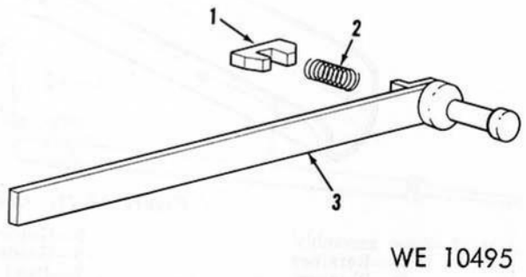


Figure AI–13. Handle assembly—exploded view.

1—Retainer
2—Spring
3—Slide assembly

APPENDIX II
MAINTENANCE ALLOCATION CHART

Refer to AR 310–3 for definitions used in this appendix.

(1) Group no.	(2) Functional group	(3) Maintenance function: Inspect	Test	Service	Adjust	Align	Calibrate	Install	Replace	Repair	Overhaul	Rebuild	(4) Tools and equipment	(5) Remarks
1	MACHINE GUN XM60D	1		1				1						
2	BARREL ASSEMBLY WITH BI-POD ASSEMBLY.			2					2	3	4		A and B	See table AII–1.
3	GRIP AND TRIGGER ASSEMBLY			2					2	3	4			
4	SEAR AND SAFETY HOUSING ASSEMBLY			2	2					2	4			
5	BUFFER ASSEMBLY			2					2	2	4			
6	OPERATING ROD ASSEMBLY			2					2	3	4			
7	BREECH BOLT ASSEMBLY			2					2	2	4		C and D	See table AII–1.
8	COVER ASSEMBLY			2						3	4			
9	TRAY ASSEMBLY			2					2	3	4			
10	REAR SIGHT ASSEMBLY									2	4			
11	RECEIVER ASSEMBLY			2						3	4			
12	MOUNT ASSEMBLY XM23			2						2	4			
13	MOUNT ASSEMBLY XM24			2						2	4			

TABLE AII–1. *Tools Required to Perform the Maintenance Functions*

Tool code	Level of maintenance	Nomenclature	Federal stock number
A	2	WRENCH, SCREWDRIVER AND REAMER, COMBINATION:	1005–690–3766
B	3	KIT, BARREL EROSION GAGE: M8	4933–313–9485
C	3	GAGE, FIRING PIN PROTRUSION:	4933–653–3373
D	3	GAGE, PLUG, PLAIN CYLINDRICAL:	5220–745–8598

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Cleaning, inspection, and repair	3–22*b*	29
Disassembly and/or assembly	3–22*a*	29
Ammunition box chute assembly (direct and general support):		
Cleaning, inspection, and repair	4–15*b*	34
Disassembly and/or assembly	4–15*a*	34
Ammunition can assembly (organizational):		
Cleaning, inspection, and repair	3–25*b*	31
Disassembly and/or assembly	3–25*a*	31
Ammunition can assembly (direct and general support):		
Cleaning, inspection, and repair	4–18*b*	34
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Cleaning, inspection, and repair	3–10*b*	24
Disassembly and/or assembly	3–10*a*	24
Barrel assembly w/bipod assembly (direct and general support):		
Cleaning, inspection, and repair	4–3*b*	33
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Breech bolt assembly (direct and general support):		
Cleaning, inspection, and repair	4–8*b*	34
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