

**WARNING - Any unusual occurrence during firing (i.e., excessive smoke, flash, loud or muffled report, malfunction or stoppage) warrants immediate inspection of weapon. Clear weapon, check barrel, feeder, bolt face, and receiver for damage and/or unusual debris. In any case mentioned above, check the bore of the weapon. If a stuck ogive (round) is evident, refer to TM 9-1010-230-10, round removal tool procedures, for proper round removal procedures. All personnel within 310 meters of impact area must wear a helmet and body armor. All personnel within 20 meters shall also wear eye protection and single hearing protection. Sleeves shall be rolled down and gloves worn.**

8. If during firing, any unusual noise or cartridge case damage is noted, the bore of the weapon must be checked for obstruction before firing is continued.

9. In all cases possible prior to deployment/firing, the MK19 should be checked for proper feed slide adjustment. Refer to TM 9-1010-230-23&P. If unit operational check proves unsuccessful, the weapon should be evacuated to direct support for feed slide adjustment.

#### **M9/M11 PISTOLS**

1. Do not store magazine(s) loaded with ammunition.
2. When in use, magazine(s) shall be downloaded, disassembled, inspected, cleaned, and reassembled daily.

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#### **SMALL CALIBER (5.56MM TO CAL .50) COLD WEATHER OPERATIONS**

*This abbreviated checklist is not to be used as a replacement for the -10 Technical Manuals or any other PMCS guide.*

#### **M249 SQUAD AUTOMATIC WEAPON (SAW)**

1. Do not remove linked ammunition from the 200-round container. Operation with free-hanging linked ammunition will allow sand, grit, ice, and snow to enter the weapon, causing feed problems.
2. Be sure weapon covers, such as the link ejection port cover, are closed when the weapon is not in operation.
3. The muzzle cap authorized in the M16 Series Rifle TM can be used on the M249 SAW to protect against water/snow from entering the bore. The cap is expendable and can be ordered using the following information: Nomenclature: Cap, Protective, Dust; NSN 5340-00-880-7666; PN 8445067.

#### **Multi-hole Anti-Armor/Anti-Personnel Weapon System (MAAWS) (84MM M3 Recoilless Rifle) and Ranger Anti-Armor/Anti-Personnel Weapon System (RAAWS) (84MM M3 Recoilless Rifle).**

1. Store MAAWS/RAAWS M3 in protective jump pack as much as possible to minimize exposure of firing mechanisms to ice and snow.

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**Multi-hole Anti-Armor/Anti-Personnel Weapon System (MAAWS) (84MM M3 Recoilless Rifle) and Ranger Anti-Armor/Anti-Personnel Weapon System (RAAWS) (84MM M3 Recoilless Rifle) (continued).**

2. Clean MAAWS/RAAWS M3 if exposed to ice and snow.
3. Do not remove dust caps from either end until ready for use.

**M16 SERIES RIFLE AND M4 SERIES CARBINE**

1. To operate the rifle/carbine in extremely cold climates, depress the trigger guard plunger and open the trigger guard. This makes it easier to operate the trigger when you are wearing Arctic mittens.

**NOTE - Protective cap is for field use only. DO NOT store weapon with the protective cap on the barrel. Storing the weapon with the protective cap in place may cause moisture to collect in the barrel.**

2. Using AAL equipment, i.e., protective cap (NSN 5340-00-880-7666) and magazine protective bag (NSN 1005-00-193-8306) and protective cover (NSN 1005-00-809-2190) will help protect your rifle/carbine. Use them whenever the tactical condition is suitable. Always keep snow out of the barrel bore. Clean barrel bore with swab (NSN 1005-00-912-4248) and cleaning rod, if necessary, before firing.
3. The protective cap is approved for use on all M16 series rifles and M4 series carbines. It fits over the compensator to keep dust, dirt, snow, water, ice, etc. from getting into the barrel. These types of obstruction can cause catastrophic failures and total destruction of the weapon.

**M16 SERIES RIFLE AND M4 SERIES CARBINE (continued)**

3. The protective cap is approved for use on all M16 series rifles and M4 series carbines. It fits over the compensator to keep dust, dirt, snow, water, ice, etc. from getting into the barrel. These types of obstruction can cause catastrophic failures and total destruction of the weapon.
4. When installed on the rifle/carbine the weapon can be fired without removing the protective cap. The protective cap will be blown off the weapon without interfering with functioning or accuracy of the weapon in any way. The protective cap is expendable and is not recovered if it is blown off when the weapon is fired. Therefore, it is recommended that the operator carry additional protective caps to utilize as he/she continues the mission.

**M2 CALIBER .50 MACHINE GUN**

1. If the machine gun has been fired, the bore must be immediately swabbed out with several patches saturated with RBC (MIL-PRF-372). Use dry patches to remove all solvent film.
2. The M2 machine gun requires M2/M9 links.

**M107 .50 CALIBER SNIPER RIFLE**

**CAUTION - When operating in extremely cold climates, clean and lubricate the rifle inside at room temperature, if possible, using LAW.**

**M24 SNIPER WEAPON SYSTEM (SWS)**

**CAUTION - When operating in climates where the temperature is below -25 \*F, the firing pin assembly should be stripped of all lubrication.**

**M24 SNIPER WEAPON SYSTEM (SWS) (continued)**

1. When not being used, keep the M24 SWS in either the system case or in the soft rifle carrying case to protect it against exposure to dust, sand, snow, and ice.

**NOTE - Do not remove the trigger assembly from the receiver and barrel assembly.**

2. Remove the receiver and barrel assembly from the stock assembly to remove dust, dirt, sand, snow, and ice from the trigger assembly. Trigger assembly may be cleaned with either CLP or alcohol. If alcohol is used, lubricate the trigger assembly afterward as needed.
3. Clean the optics carefully with the system's cleaning kit.

**MK19 GRENADE MACHINE GUN**

1. Ensure the weapon is properly lubricated for cold weather environment. Check the feed slide for proper adjustment as noted in the current -10 manual.
2. Cover weapon if left outside.
3. If possible, thoroughly clean, dry, and lube the weapon in a warm place.
4. If the weapon is brought indoors, keep away from direct heat.
5. Perform functional checks and lube daily to help prevent corrosion.
6. Prior to using cold weather lubricant, be sure to clean off all existing lubricant.
7. **FOR 0 DEGREES F TO -20 DEGREES F, USE EITHER LASAT, GMD, OR LAW. IN EXTRA COLD WEATHER, -25 F AND BELOW, USE LAW ONLY.**