

This should be printed on card stock. Cut down to crop marks & fold along center. The original also had the corners trimmed off so they were rounded. There's a photo of it available on www.hardscrabblefarm.com/vn/

NOTE: Use semi-fluid lubricating oil (LSA) for temperature ranges of -35°F and above. Weapons Oil Lubricating (LAW) for temperature ranges below zero degrees. Either lubricant can be used at temperatures ranging from zero to -35°F.

c. AMMUNITION. Do not attempt to fire damaged or badly corroded ammunition. Cartridges with light corrosion, mud dust or dirty water and/or rain should be wiped clean with a dry cloth. Do not use oil or greases on cartridges. Do not load more than 20 rounds in a magazine. Do not fire a weapon that has water trapped in the bore. To remove water from the bore: **M16A1** Depress muzzle, pull charging handle slightly rearward until seal formed by bolt and cartridge is broken, then shake water from bore via muzzle. Press forward assist assembly to make certain the round is seated in the chamber and the bolt is locked. **M16** Pull charging handle rearward ejecting cartridge, depress the lower portion of the bolt catch, then shake water from bore via muzzle. Depress the upper portion of the bolt catch allowing the bolt to close, chambering a round and locking the bolt in forward position.

e. CAUTION. Do not use magazines which are dented or have spread or damaged lips. If failure to extract cannot be corrected by normal cleaning, the rifle should be turned in at the first opportunity.

f. For detailed instructions on care and cleaning, refer to TM 9-1005-249-12.

(2) BOLT CARRIER GROUP. Clean the bolt carrier key with a 5.6mm bore brush (a worn one works best) and dry with a pipe cleaner. The bolt locking lugs, the bolt carrier key extractor and the extractor well must be free of carbon and dirt.

(3) MAGAZINE. Disassemble and wipe dirt from magazine tube, spring and follower.

(4) BARREL. Clean with a bore brush and swabs (from chamber to muzzle).

(5) RECEIVER. Use a swab or brush to clean interior surfaces.

b. LUBRICATION. Apply a generous coat of lubricating oil to the carrier bolt, external surface of the bolt assembly and interiors of the upper and lower receivers including all operational components. Insure oil is not placed on the locking lugs of the bolt. A light coat of oil should be applied to the barrel chamber and bore, firing pin, the firing pin recess in the bolt, and all external metal surfaces of the rifle. Place one drop of oil in the bolt carrier key, and insure that hidden screws and springs are not overlooked. A light coat of lubricating oil should be put on the magazine spring. Do not lubricate other parts of magazine.

GTA 21-1-3 **June 1970**
(SUPERSEDES GTA 21-1-3, JULY 1968)
M16/M16A1 RIFLE MAINTENANCE
CARD

Minimum Essential User Maintenance During
Combat Operations

A clean properly lubricated and maintained rifle loaded with clean ammunition will fire when needed. In order to keep the rifle and ammunition in good condition, daily care and cleaning is essential. During adverse weather or operational conditions, certain key parts of the rifle and the ammunition may actually need care and cleaning several times daily. Since your LIFE and the success of the unit's MISSION depends upon the proper functioning of the rifle, it is imperative that these simple but vital procedures be followed:

a. CLEANING. Thoroughly clean all metal surfaces of the rifle with bore cleaning compound (CR). Special attention must be given to the following areas:

(1) CHAMBER. Clean with a chamber brush (if the regular brush is not available use a Cal. .30, .45, .50, or 7.62mm bore brush as a substitute).