



THE
PREVENTIVE
MAINTENANCE
MONTHLY

SERGEANT'S TIME TRAINING SUPPORT

Avoid CCMCK Dangers An Easy Outline for Sergeant's Time Training

(Note to Sergeants: Here's an easy training outline you can follow any time your unit has a free minute. A problem & solution format is provided below, with visuals if you scroll down. Use this outline or add more info as you see fit. Make it yours & make it matter! *–PS Magazine*)

Problem: Weapons, particularly M16 rifles and M4 carbines, are blowing up because obstructions are left in the bore after training with close combat mission capability kit (CCMCK) projectiles. The blown barrel ruins the weapon and can seriously injure the Soldier.

Solution: Just a few steps can prevent CCMCK explosions:

1. Before going to the field, clean and lube your weapon with CLP. Your weapon should be as clean as possible to fire CCMCK rounds.
2. After firing, do the same cleaning, but pay special attention the bore and barrel. When you think you have all obstructions cleared out of the barrel, run your cleaning rod from muzzle to chamber. Look for the end of the cleaning rod. If you can't see the rod's end, you may have a stuck projectile. Tell your armorer.
3. Any time before firing at the range, rod ever weapon to confirm there are no barrel obstructions.

Faithfully following these three rules will ensure no CCMCK explosions.



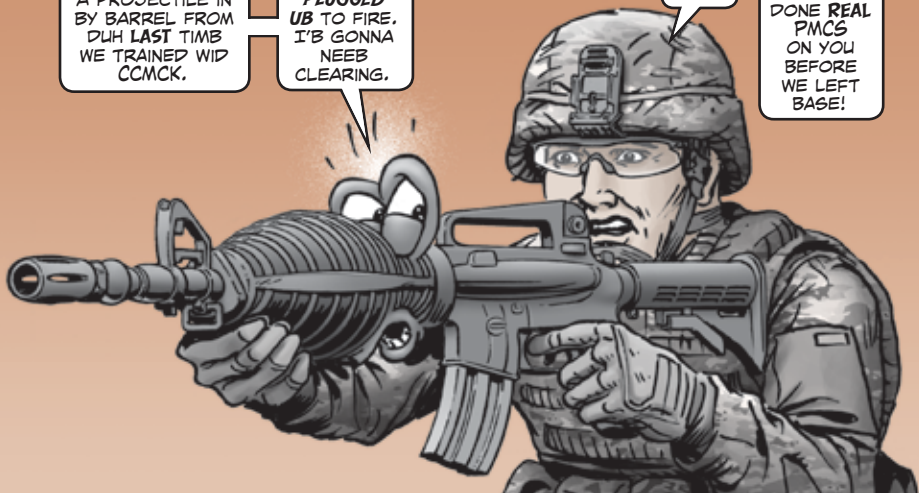
Avoid CCMCK Dangers

I'B STILL GOT A PROJECTILE IN BY BARREL FROM DUH LAST TIMB WE TRAINED WID CCMCK.

I'B TOO **PLUGGED** UB TO FIRE. I'B GONNA NEEB CLEARING.

OH, MAN!

IF I'D ONLY DONE REAL PMCS ON YOU BEFORE WE LEFT BASE!

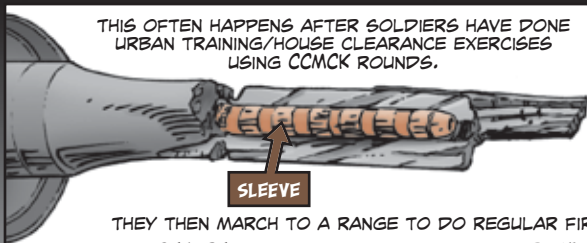


EACH YEAR, WEAPONS **BLOW APART** BECAUSE OF **STUCK** CLOSE COMBAT MISSION CAPABILITY KIT (CCMCK) PROJECTILES.

SO FAR NO ONE HAS SUFFERED **SERIOUS** INJURY, **BUT** THERE HAVE BEEN SEVERAL MINOR INJURIES, NOT TO MENTION THE **DAMAGE** TO THE WEAPONS.



THIS OFTEN HAPPENS AFTER SOLDIERS HAVE DONE URBAN TRAINING/HOUSE CLEARANCE EXERCISES USING CCMCK ROUNDS.



THEY THEN MARCH TO A RANGE TO DO REGULAR FIRING. **BUT BEFORE** THEY FIRE REAL ROUNDS, THEY **DON'T** DO THE NECESSARY PMCS TO ENSURE THE WEAPONS' BARRELS ARE **CLEAR OF OBSTRUCTIONS**. AND THAT'S WHEN THE TROUBLE STARTS.

THE PROBLEM WITH CCMCK IS THE ROUNDS CAN LEAVE AN ALUMINUM SLEEVE **STUCK** IN THE BARREL.

IF YOU **DON'T** PUSH OUT THE **SLEEVE**, THE BARREL ENDS UP **PLUGGED**.

SO HERE'S HOW TO PREVENT THAT...



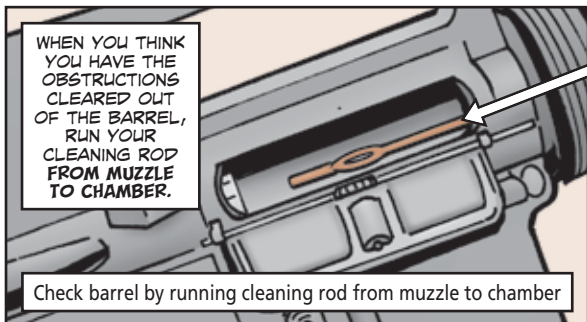
BEFORE

CLEAN AND LUBE YOUR WEAPON WITH CLP LIKE IT SAYS IN THE WEAPON'S -10 TM. YOUR WEAPON SHOULD BE AS CLEAN AS POSSIBLE BEFORE FIRING CCMCK ROUNDS.

AFTER

DO THE SAME CLEANING AND LUBING PROCEDURE, BUT PAY SPECIAL ATTENTION TO THE **BARREL AND BORE**, MAKING SURE THERE ARE **NO OBSTRUCTIONS**.

WHEN YOU THINK YOU HAVE THE OBSTRUCTIONS CLEARED OUT OF THE BARREL, RUN YOUR CLEANING ROD FROM MUZZLE TO CHAMBER.



Check barrel by running cleaning rod from muzzle to chamber

LOOK FOR THE END OF THE CLEANING ROD IN THE CHAMBER.

IF YOU **CAN'T** SEE THE END OF THE ROD, YOU MAY HAVE A STUCK PROJECTILE. IF YOU CAN'T PUSH IT OUT, TELL YOUR ARMORER.

MAKE SURE THE BARREL IS CLEAR **BEFORE** YOU FIRE OR TURN IN THE WEAPON TO THE ARMS ROOM.

ARMORERS, **DON'T** USE A NEW M16/M4 BARREL THAT HAS FIRED FEWER THAN 200 STANDARD ROUNDS FOR CCMCK.

OLDER BARRELS HAVE **SMOOTHER BORES** AND ARE **LESS LIKELY** TO HAVE PROBLEMS WITH A STUCK CCMCK PROJECTILE.

M249 BARRELS COME FROM THE MANUFACTURER READY FOR CCMCK FIRING, BUT YOU NEED TO FIRST FIRE 200 REGULAR ROUNDS **BEFORE** FIRING CCMCK. THE **M9 PISTOL CONVERSION KIT**, NSN 1005-20-003-2362, HAS A BLUE BARREL FOR FIRING CCMCK ROUNDS.

FOR THE COMPLETE WORD ON CCMCK, SEE TM 9-6920-3700-10.

IT'S ON THE LOGSA ETM WEBSITE:

<https://iiv.logsa.army.mil/etmapp/#/etm/home>

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QUESTIONS?

JUST REMEMBER CCMCK TRAINING ROUNDS REQUIRE **REAL PMCS!**

