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.
Small Arms...

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 need 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 aluminium 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…

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.

Do the same cleaning and lubricing procedure, but pay special attention to the barrel and bore, making sure there are no obstructions.

Armoryers, 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.

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.

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For the complete word on CCMCK, see TM 9-6920-3700-10. It’s on the LOGSA ETM website: https://liw.logsa.army.mil/etmapp/#/etm/home

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Just remember CCMCK training rounds require real PMCS!