
CHAPTER 3

Prepare to Fire

Prefire checks of the HMMWV weapon systems are important crew tasks. A prefire check must be made on the HMMWV weapon systems to eliminate all deficiencies associated with cleaning, maintenance, and functioning and to ensure that the weapon is safe to operate. A postfire check must be made after firing the weapon systems to detect any maintenance problems.

The following checklists are used along with the appropriate operator's manuals: M249 (TM 9-1005-201-10), M60 (TM 9-1005-224-10), M2 HB caliber .50 (TM 9-1005-213-10), MK 19 40-mm grenade launcher (TM 9-1010-230-10), and TOW (FM 23-34).

Ammunition Checks

- Check all ammunition against TB 9-1300-385.
- Check link alignment.
- Check for long or short rounds.
- Check for cleanliness. (Report and turn in any rounds that have corrosion or damage.)

M249 Checks

- Ensure the M249 is cleaned and lubricated in accordance with TM 9-1005-201-10.
- Visually check for missing or damaged equipment.
- Ensure the bore is wiped dry.
- Inspect the M249 as outlined in the individual drill.
- Ensure that the M249 is properly lubricated.

M60 Checks

- Ensure the M60 is cleaned and lubricated in accordance with TM 9-1005-224-10.
- Ensure the M60 is installed and secured to the mount.
- Ensure the M60 is clear.
- Ensure the bore is wiped dry.
- Conduct a function check of the M60.

M2 HB Caliber .50 Checks

- Ensure the M2 is cleaned and lubricated in accordance with TM 9-1005-213-10.
- Ensure the M2 is secured to the mount.
- Ensure the headspace and timing are set.
- Ensure the bore is wiped dry.
- Conduct a function check of the M2.

MK 19 Checks

- Ensure the MK 19 is cleaned in accordance with TM 9-1010-23010.
- Ensure the MK 19 is secured to the mount.
- Ensure the bore is wiped dry.
- Conduct a function check of the MK 19.

TOW Checks

MISSILE

- Check the outside for soil, dirt, and grease.
- Check the outside for dents, gouges, punctures, and cracks.
- Check the humidity indicator (it should be blue).
- Ensure that the electrical connector dust cover is present.
- Ensure that the forward handling ring and quick-release clamp are present and secured.
- Ensure that the indexing lugs are not damaged.

LAUNCHER

- Inspect the assembled TOW launcher for obvious damage.
- Conduct a system self-test (to include collimation) to determine if the launcher will function properly; correct or report any malfunctions. (Refer to FM 23-34 for boresighting and collimation procedures.)
- Check DA Form 2408-4 (Weapon Record Data) to ensure the number of rounds fired is recorded.