

GTA 43-01-001

HEMTT M977 Series

HOT WEATHER/DESERT OPERATIONS

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

1. PMCS Considerations:

- a. AOA requires more frequent checks. Vehicle Checks should be conducted at each stop during mission.
- b. Check Air Conditioner System, if not blowing cold air have Maintenance check system for leaks prior to mission.
- c. Check AOA for missing or loose bolts weekly.
- d. Inspect Cab Mount bushings for over compression.
- e. Inspect escape hatch position, latches and hatch hardware for proper placement and wear.
- f. Allow Engine to idle prior to shut down to allow cool down time with extreme heat.
- g. Drain Fuel Water Separator Daily.

2. Add On Armor Considerations:

- a. Vehicle handling is impacted by AOA
 - 1) Allow for greater stopping distances due to additional weight of vehicle
 - 2) Additional weight will impact engine exhaust break operation
 - 3) Reduce Speed prior to negotiating turns.

Approved for public release; distribution is unlimited.

Distribution: U.S. Army Training Support Center.

May 2005

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4. Recommended Fluids and Lubricants:
 - a. Engine: OE/HDO 40.
 - b. Use a mixture of 50% water and 50% Antifreeze in Radiator.
 - c. Transmission: 15W/40.
 - d. Lubricate Vehicle as required or sooner as conditions demand (wipe off fitting first).
5. For questions contact:
HEMTT@TACOM.ARMY.MIL