

GTA 43-01-001

HEMTT 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 and LTAS requires more frequent checks. Vehicle Checks should be conducted at each stop during mission.
- b. Check Air Conditioner System. If system is not blowing cold air, have Maintenance check system for leaks prior to mission.
- c. Check AOA and LTAS 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 and Long Term Armor Solution (LTAS) 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.

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2. Add On Armor and LTAS Considerations continued:

- b. AOA and LTAS causes increased wear on Engine, Drive Line, Brakes, Suspension and Steering components.
- c. AOA and LTAS Reduces visibility, Stay Alert and ensure your Assistant Driver is Alert.
- d. Do not park on slopes if possible; the extreme weight of door can cause injury to personnel or equipment.

3. Extreme Temperature Operation:

- a. Check Fluids Daily (includes batteries).
- b. Check Tire Pressure Daily.
- c. Check Batteries for Cracks.
- d. Replace Engine belts that show any sign of wear.
- e. Clean Air Filters and Radiator fins daily.
- f. Keep Air Conditioner fins free from Dirt and Sand.
- g. Wipe Dirt away from Hyd, Fuel Tank lid, engine oil dipstick & oil fill tube before opening.
- h. Keep Vehicle exterior free from Dirt and Sand (can cause excess heat).
- i. Watch all gauges and indicator lights for proper readings.
- j. Cover windows when not in use.

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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:

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