

GTA 43-01-013

**SUSV M973A1 SERIES
HOT WEATHER/ DESERT OPERATIONS - MARCH 05**

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. If equipped, check Air Conditioner System, if not blowing cold air have Maintenance check system for leaks prior to mission.
- b. Extreme heat requires more frequent checks. Vehicle Checks should be conducted at each stop during mission.
- c. Run Engine at 1400 RPM for 30 seconds and allow Engine to idle (900 RPM) for 3-5 minutes prior to shut down to allow cool down time with extreme heat.

2. Extreme Temperature Operation:

- a. Check Fluids Daily (includes batteries).
- b. Check Track for Excessive Rips, Cuts and Wear 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. If equipped, keep Air Conditioner fins free from Dirt and Sand.
- g. Wipe Dirt away from Fuel Tank lid 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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3. Recommended Fluids and Lubricants:

- a. Engine: When temperatures reach above +15 °F use 15W/40.
- b. Use a mixture of 50% water and 50% Antifreeze in Radiator.
- c. Transmission: Dexron II.
- d. Lubricate Vehicle / Trailer Daily (wipe off fitting first).
- e. Transfer/Differentials: 80W-90

4. For questions contact: SUSV@TACOM.ARMY.MIL.