

**GTA 43-01-021**

**5-TON TRUCK M939 FOV's**  
**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. Check AOA for Missing or Loose Bolts Daily.
- b. Check Air Conditioner System, if not blowing cold air have Maintenance check system for leaks prior to mission.
- c. AOA requires more frequent checks. Vehicle Checks should be conducted at each stop during mission.
- d. Allow Engine to idle prior to shut down to allow cool down time with extreme heat.
- e. Drain Fuel Water Separator Daily.

**2. Add On Armor Considerations:**

- a. Vehicle handling is impacted by AOA
  - \* Allow for greater stopping distances due to additional weight of vehicle
  - \* Reduce Speed prior to negotiating turns.
- b. AOA causes excess wear on Engine, Drive Line, Brakes, Suspension and Steering components.
- c. AOA Reduces visibility, Stay Alert and ensure your Assistant Driver is Alert.

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Distribution: U.S. Army Training Support Center.

May 2005

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### **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 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.

### **4. Recommended Fluids and Lubricants:**

- a. Engine: Use OE/HDO 40.
- b. Use a mixture of 50% water and 50% Antifreeze in Radiator.
- c. Transmission: For temperatures up to 110°F use OE/HDO 15W/40.
- d. Lubricate Vehicle / Trailer Daily (wipe off fitting first).

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