

**HETS M1070/M1000 ARMOR
COLD WEATHER OPERATIONS– AUGUST 2010**

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) Inspect AOA for Missing or Loose Bolts Weekly.
- b) Inspect Cab Mount bushings for over compression.
- c) Inspect escape hatch position, latches and latch hardware for proper placement and wear.
- d) Check Air Conditioner System, if not blowing cold air have Maintenance check system for leaks prior to mission.
- e) AOA requires frequent checks. Vehicle Checks should be conducted at each stop during mission.
- f) Ensure spare tire davit lifting arm is properly stowed away from escape hatch.
- g) Drain Fuel Water Separator Daily.

2) Add On Armor Considerations:

- a) Vehicle handling is impacted by AOA
 - i) Allow for greater stopping distances due to additional weight of vehicle
 - ii) Additional weight will impact engine exhaust break operation
 - iii) Reduce Speed prior to negotiating turns.
- b) Do not park on slopes if possible; the extreme weight of the door can cause injury to personnel or Equipment.

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- 2) **Add On Armor Considerations (continued):**
- c) AOA causes excess wear on Engine, Drive Line, Brakes, Suspension and Steering components.
 - d) AOA Reduces visibility, Stay Alert and ensure your Assistant Driver is Alert.
- 3) Extreme Cold Temperature Operation -50F to -26F (-46c to -32c)
- A. Operate arctic heater kit approximately 25 minutes to heat engine prior to start up.
 - B. Idle engine rather than shutting down during short stops.
- 4) **For questions contact: DAMI_HET@conus.army.mil.**