

AVLB

HOT WEATHER/DESERT OPERATION

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

FM 90-3, DESERT OPERATIONS contains detailed instructions for living and working in the desert. **TM 9-2350-202-10 (AVLB, M60A1)** and **TM 9-2350-226-10 (AVLB, M48A5)** contain detailed PMCS instructions for proper maintenance and operation.

NOTE: A very high standard of maintenance is essential to long term operation under conditions of extreme heat. High temperature can cause early failure of systems. Constant checking is necessary to prevent failures.

1. Perform regular PMCS to ensure maximum operating performance
2. Check for any fluid leakage
3. Check all fluid/lubricant levels to prevent excessive heating
4. Ensure track tension is correct to reduce operating resistance
5. Ensure engine air filters are clean and no air restrictions are present, and check gauge indicator is within operating limits
6. Ensure all air intake grilles/ vents are free from any air restrictions
7. Check batteries for proper electrolyte/ water level
8. Ensure radiator core is clean and unobstructed
9. If possible, use a nylon stocking over any air intake vents to reduce sand ingestion
10. Ensure APU louvers are free of any blockage
11. Use of high temp grease to reduce melt off
12. Lubricate suspension items daily, and clean grease fittings