

**GTA 43-01-014**

**FAASV M992A2  
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 9-2350-293-10 contains 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. Check for any fluid leakage.
2. Check all fluid levels to prevent excessive heating.
3. Ensure track tension is correct to reduce operating resistance.
4. Ensure engine air filters are clean and no air restrictions are present and check air cleaner indicator is within operating limits.
5. Ensure all air intake grilles/Vents are free from any air restrictions.
6. Check batteries for proper electrolyte/water level.
7. Ensure air cleaner doors are in summer position.
8. Ensure air cleaner blower motors are operational and attaching hoses are not missing.

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9. Ensure engine cooling fans do not have excessive back lash and that no stator blades are missing or have excessive nicks.
10. Ensure radiator core is clean and unobstructed. Clean as required using TM 9-2350-293-20-1 procedures.
11. Perform regular PMCS to ensure maximum operating performance
12. If possible use a nylon stocking over any air intake vents to reduce sand ingestion.
13. Wrap a nylon stocking around fuel nozzle during refueling operations to prevent sand and dust entering fuel tank.
14. Ensure APU louvers are free of any blockage.
15. Open APU door and ensure fan and air intake filter is free of dirt, debris or damage.