

M3A4 SMOKE GENERATOR
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

General. It is important that smoke generators be inspected and maintained more frequently than normal. Problems can occur with these systems as a result of sand and dust clogging lines, filters and heads.

WARNING

Keep portable fire extinguishers properly charged and readily available during smoke generator use.

1. Clean mud and sand from smoke generator before, during and after use.
2. Check for contamination of fuel and fog oil supplies.
3. Keep gas and kerosene caps securely tightened on cans when not in use.
4. Keep fuel tank cap securely tightened on fuel tank except when fueling.
5. Fill fuel tank as often as possible.
6. Keep bungs securely tightened on fog oil drums when not in use.
7. Take tools out of tool box when operating and leave tool box lid open when operating.
8. Keep engine heads extra clean. Inspect them often for clogging due to sand.
9. When opening access covers on fog oil pump, take precaution to prevent sand and dust from entering.
10. Close access covers on fog oil pump during operation.
11. Clean filters after use and as needed.
12. Keep magneto rack clean and greased with correct grease.

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13. Maintain magneto and air pumps.
14. Inspect sediment strainer.
15. Drain condensation from gas tank each morning.
16. Keep float adjuster tubes free of sand.
17. Do not let hoses lie on the ground.

Reference: TM 3-1040-276-10