

TM 1-1520-237-23&P and TM 1-1520-246-23&P - EVERY 48 MONTHS

The following TMs Work Package (WP XXXX) **EVERY 48 MONTHS (Fuel Cell Corrosion Inspection)** has the following changes. These changes are to be posted in **iads** IAW GEN-20-AMAM-04 (Posting Electronic Changes) and will be published in an upcoming manual release.

There is no longer a requirement to use a borescope with the ability to apply Corrosion Preventive Compound (CPC) during the 48-month fuel cell corrosion inspection.

Old

6. Inspect fuel cell compartment as follows:

- a. If corrosion or mold covers less than 10 percent of compartment, push CPC tube out of probe tip approximately 1 inch and spray CPC on corroded area or mold using CPC tube kit. Record location of corrosion and re-inspect at every PMI. The Maintenance Officer (MO) may inspect more frequently at his discretion.
- b. If corrosion damage exceeds the limits detailed in WP 0168 [Structural Repair General Information] or the surface corrosion covers over 10 percent of fuel compartment surface area, fuel cells must be removed, and airframe repaired within 30 days.
- c. If crack indications are found on inspected components, fuel cells must be removed, and airframe repaired within 30 days.

Tools

Fuel Cell Corrosion Inspection Kit, P/N: 1011688-10, NSN: 6230-01-554-1780
Guide Tube, NSN: 1650-01-537-7795, P/N: WM920118

New**NOTE**

Deteriorating foam can clog drain holes and lead to corrosion.

6. Inspect fuel cell compartment as follows:

- a. Inspect stringers, gussets, and vertical surfaces of skin and foam blocks, if corrosion, mold, or evidence of deteriorating foam in the fuel cell cavities is found, remove fuel cells, and make repairs (TM 1-1500-344-23-2).
- b. If crack indications are found on inspected components, fuel cells must be removed, and airframe repaired within 30 days.

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