



SERVICE BULLETIN

TO : All S-76A+/A++/C/C+ Operators
FROM : FDC/aerofilter Engineering
SB NUMBER : SB.FDC.S76.0010 Rev. A
CATEGORY : Optional
EFFECTIVITY : All S-76 Helicopters modified IAW STC SR01616SE
DATE : April 26, 2011

FILTER HEALTH MONITOR (FHM) OVERLAY REPLACEMENT

1.0 BACKGROUND

Due to operator reports of failures of the FHM200-1076 Series Filter Health Monitor overlay, replacement overlays are now available for field installation. This Service Bulletin delineates the installation procedure.

2.0 COMPLIANCE

As required

3.0 COMPLIANCE TIME

As required

4.0 SPARE KIT AVAILABILITY

To procure overlays, contact FDC/aerofilter Product Support @ 415-884-0555
Or support@fdcaerofilter.com

Order: 1x P/N: FHM200-9004 per aircraft
Indicate aircraft S/N(s) and quantity(s)

5.0 INSTALLATION TIME

Est. 0.5 man-hours

6.0 WEIGHT & BALANCE

Not Affected

7.0 FLIGHT MANUAL REVISION

Not Applicable

8.0 DOCUMENTS

1076-SERIES-ICA-1 Instructions for Continued Airworthiness (latest revision) |

9.0 INSTALLATION INSTRUCTIONS

- (1) Disconnect aircraft battery.
- (2) Remove mounting panel containing the FHM from instrument cluster. Unplug wiring harness from FHM at the rear of the unit.
- (3) Remove FHM from mounting panel by removing 4x panel attachment screws. Retain screws for reinstallation.
- (4) Remove 2x #6-32 screws from face of FHM. Retain screws for reinstallation. Take appropriate precautions to ensure a dust and moisture-free environment before proceeding to the next step.
- (5) Carefully peel back overlay from front bezel, ensuring no pieces of broken overlay fall into the FHM's case. Remove excess adhesive from the bezel face, ensuring no adhesive or solvent falls into the FHM's case.
- (6) Peel backing paper from replacement overlay (P/N: FHM200-9004) and apply to the bezel with firm pressure (adhesive is pressure sensitive). Take care not to apply pressure to the unsupported areas of the overlay. Do not apply overlay below 60°F (16°C). Reinstall 2x #6-32 screws from step 4, torque is finger-tight plus an eighth turn.
- (7) Reinstall FHM into mounting panel with 4x screws from step 3 (torque is finger-tight plus an eighth turn), plug in wiring harness and reinstall into instrument cluster. Reconnect aircraft battery.
- (8) Verify FHM200-1076 unit functionality per 1076-SERIES-ICA-1, Section 4.8.
- (9) Upon completion of this repair, make an appropriate maintenance entry in the aircraft log book.