



SERVICE BULLETIN

TO : All S-76 A+, A++, C, C+ & C++ Operators
FROM : FDC/aerofilter Engineering
SB NUMBER : SB.FDC.S76.0010
CATEGORY : Optional Service Bulletin
EFFECTIVITY : All S-76 C+ Helicopters modified IAW STC SR01616SE,
All S-76 C++ Helicopters
DATE : Friday, June 27, 2008

FILTER HEALTH MONITOR OVERLAY REPLACEMENT

1.0 BACKGROUND

Due to operator reports of failures of the FHM200-1076 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 Customer Support @ 415-884-0555 or support@fdcaerofilter.com.

Order: 1x Kit SB.FDC.S76.0010 per aircraft
Indicate aircraft S/N(s) and kit 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

Refer FDC STC SR01616SE data package.
FDC/aerofilter S-76 C+ ICA Rev A, Dated 15 September 2007

9.0 INSTALLATION INSTRUCTIONS

- (1) Disconnect aircraft battery.
- (2) Remove mounting panel containing the FHM200 unit from instrument cluster. Unplug wiring harness from FHM200 unit at the rear of the unit.
- (3) Remove FHM200 unit from mounting panel by removing 4x panel attachment screws. Retain screws for reinstallation.
- (4) Remove 2x 6-32 screws from face of FHM200 unit. Retain screws for reinstallation. Take appropriate precautions to ensure a dust- and moisture-free environment when opening the FHM200 unit's case in the next step.
- (5) Carefully peel back overlay from front bezel, ensuring no pieces of broken overlay fall into the FHM200 unit's case. Remove excess adhesive from the bezel face, ensuring no adhesive or solvent falls into the FHM200 unit'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). 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 FHM200 unit 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 or equivalent.

FDC Engineering



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