

TO : All AS350B3 / VEMD Equipped Operators
FROM : FDC/aerofilter Engineering
SB NUMBER : SB.FDC.AS350.0019
CATEGORY : Recommended Service Bulletin
EFFECTIVITY : All VEMD-Equipped AS350 Helicopters modified
IAW STC SR00811SE

REMOVAL OF VEMD “SAND FILTER PRESENT” JUMPER WIRE

1.0 BACKGROUND

The original installation instructions for STC SR00811SE for helicopters equipped with VEMD required a ground wire be installed at the VEMD connector to activate the logic for “sand filter present”. This resulted in the VEMD displaying data based on conservative performance with the sand filter. However, updates to the RFMS (Document Number 1350-1200, Revision K or later) allow the VEMD-equipped helicopters to be operated using performance data from the basic Rotorcraft Flight Manual, as long as power checks are performed and show that basic RFM power check criteria are met. To use RFMS 1350-1200, Revision K or later performance data, the ground wire at the VEMD simulating installation of the sand filter must be removed.

2.0 COMPLIANCE

Recommended

3.0 COMPLIANCE TIME

Must be accomplished prior to using RFMS 1350-1200, Revision K or later performance data.

4.0 SPARE KIT AVAILABILITY

N/A

5.0 INSTALLATION TIME

Estimated 0.3 man-hours.

6.0 WEIGHT & BALANCE

N/A

7.0 FLIGHT MANUAL REVISION

RFMS Document Number 1350-1200, Revision K or later

8.0 DOCUMENTS

N/A

9.0 REPAIR INSTRUCTIONS

NOTE: Ensure that you comply with standard practices per FAA AC43.13-1B.

- Disconnect aircraft battery.
- Remove the 22 GA grounding wire that activated the logic for “sand filter present”.
Verify that VEMD Connector A, Pin u’ is not grounded (Reference Wiring Diagram Manual Chapter 71).
- Reconnect aircraft battery.
- Verify that VEMD is set for “SAND FILTER NOT PRESENT.”