

Hicks Ralph

From: Jeffrey Bartholomew [REDACTED]
Sent: Monday, July 13, 2015 10:43 AM
To: Hicks Ralph
Subject: Dushore engine findings

Ralph,

Here are the findings from the engine inspection. The last annual was on 10/01/2014 Engine TT 2069.2 Tach 136.7 67.4 SMOH. With the owners mechanic there the following was observed.

1. The carb venture operates normally with throttle movement.
2. The carb inlet screen was free of containments.
3. The mixture was working and connected.
4. The carb had the MF and V stamp indicating the AD's have been complied with. PN# 102971 SN 3931139
5. The intakes were cracked and look to be impact related.
6. The gascolator was good and not blocked.
7. Both left and right magnetos work working properly. Snapped and produced a spark. Both Mag impulses were good and no broken springs were noted. Item of note: The left mag gear teeth did show some wear but not unserviceable.
8. The leads looked fine with no visual damage, fraying or detonation.
9. The cam shaft and lifters were good. The rods did not appear to be bent.
10. There was plenty of oil in the engine at the time of the inspection.
11. Cylinder walls from what could be seen look good with no obvious scoring.
12. All the plugs were fairly new. No signs of fouling or damage.
13. Using the finger method suction and compression was noted on all cylinders.
14. Fuel and the fuel tanks appear to be fine with no contamination noted.
15. Fuel was noted in the filter bowl.

The pilot is writing out a statement and I should have it sometime today.

If there is anything else you need let me know.

Jeff Bartholomew
Principal Avionics Inspector
Harrisburg FSDO
[REDACTED]