

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

N 164US Tach 1386.3 Work Order 25819

FAR 91.413 has been accomplished I.A.W. Part 43 Appendix F.

Transponder: Bendix/King KT-76A s/n 98462

Encoder: Narco AR-850

08/11/09

the radio shop, inc. airport worcester, ma 01602
FAA Repair Station TD5R219N

1/7/2010 Tach 1396.5 TT 5766.3

Performed an annual inspection using a checklist meeting requirements of FAR 43 appendix D.
The following additional maintenance was performed:

1. Entire aircraft lubed, brake reservoir, and hydolic reservoir serviced.
2. Fabricated and installed patch on wing center section at smoke oil pump.
3. Reinstalled smoke oil pump with new output hose.
4. Reglued fabric tapes on right aileron and right elevator panels.
5. Installed missing zcus fastener on right engine cover.
6. Replaced vacuum filter P/N RAD9-18-1
7. Glued rubbers on right wing bolt cover.
8. Tightened bolts on Rt and Lt aileron booster push rods.
9. Replaced fuel hose at right aux fuel tank interconnect and sealed interconnect.
10. Freed up brake cylinder return arms on left main gear.
11. Tested ELT I/A/W FAR 91.207 (d).

C/W the following AD's

50-38-1, Intergranular corrosion, By inspection, 1/2011

All ADs checked for compliance through issue 2009-26.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Dennis L Lambert
A&P IA

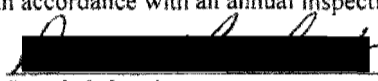
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)	DATE 19__
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1/7/2010 Tach 1396.5 TT 5557.3 TSMOH 183

Performed an annual inspection using a checklist meeting requirements of FAR 43 appendix D.
 The following additional maintenance was performed:
 1. Compression check 1) 77/80 2) 79/80 3) 70/80 4) 79/80 5) 80/80 6) 77/80 7) 79/80 8) 80/80 9) 78/80
 2. All oil and fuel screens inspected and cleaned
 3. Changed oil and filter (Napa 1792), serviced with 10 Gal. Phillips 25W60 And inspected filter. Clean
 4. Checked magneto timing to engine.
 5. Replaced air filter element with new BA-8305
 6. Serviced all spark plugs.
 7. Installed new wing baffle cyl 8-9.
 8. Replaced rivet in wing baffle cyl 3-4.
 9. Tightened all intercylinder hose clamps.
 10. Cowl mount insulator at #2 Cyl needed rivet replaced.
 11. Welded patch on #6 cyl exhaust pipe.
 12. Welded crack in top portion of cabin heat muff.
 13. Installed O/H oil pump by Covington engines.
 14. Installed new oil screen valve P/N 25978
 C/W the following AD's.

All ADs checked for compliance through issue 2009-26.
 Washed engine. Run up and leak check, OK.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.



 Dennis L Lambert
 A&P  IA