

THE  
**adlog**<sup>TM</sup>

AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

BEECH D95A N8831M  
LEFT ENGINE  
IO-360-B1B  
L-560-51

**ENGINE  
MAINTENANCE  
RECORDS**

D,

**LEFT ENGINE**

**Laytonsville Aircraft Services, LLC**  
 7200 Hawkins Creamery Road  
 Laytonsville, MD 20872  
 301-253-2897

**ENGINE MAKE:** AVCO Lycoming **MODEL:** IO-360-B1B **SERIAL NUMBER:** L-560-51  
**AIRCRAFT NUMBER:** N8831M **DATE:** 09/20/2022 **HOBBS:** 4911.4 **TOTAL TIME:** 4911.40 **SMOH:** 1802.2

1. Engine uncowed and serviced IAW a compliant checklist.
2. Initial compressions: #1-78/80; #2-78/80; #3- 70/80; #4- 76/80.
3. Oil drained and refilled with 7 quarts of Phillips X/C 20W50 oil.
4. AD listing reviewed using current Triton Aviation Data online software.
5. All spark plugs removed, cleaned, gapped, tested, rotated, and reinstalled using anti-seize lubricant.
6. Continued CW AD 2004-10-14 by no known strike as defined in Para (i), (j) since last engine overhaul. **ACTION DUE ONLY IN THE EVENT OF A DEFINED STRIKE OR AT ANY ENGINE TEARDOWN.**
7. AD 2015-19-07 CW by inspection IAW Para (h) using criteria IAW Para (i). **RECURRING: DUE EACH 100 HRS. TIS. NEXT DUE 5011.4 HOBBS/TTAF.**
8. AD Compliance Record updated.
9. Ground run-up performed and found to be satisfactory.
10. Leak check performed after run-up with none observed.

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

*John M Peters*  
 John M. Peters, 1546718 A&P, IA

**LEFT ENGINE OIL CHANGE**  
 03-02-2023 BEECH D95A N8831M HOBBS 4938.1  
 Drained oil. Removed, cut & inspected oil filter. Serviced with 7 QTS Phillips X/C 20W50 & new CH48110-1 oil filter. Test ran & leak checked OK.  
*Robert McMeekin*  
 Robert McMeekin Pilot 1727248

wo: WO\_4

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**N8831M LYCOMING IO-360-B1B, IO360 SER, S/N: ENGINE-L SN November 01, 2023**  
**L-560-51**  
 HOBBS: 4955.1 TTSN: 4955.1 SMOH: 1845.9

- COMPRESSSIONS #1:78/80 #2:70/80 #3:64/80 #4:64/80
1. Changed Oil. Cut and inspected oil filter, no contaminants found. Installed (7) P/N Phillips Victory - Oil. Installed P/N AA48110-2 - Oil Filter.
  2. Replaced Alternate air box hinge bearings. Installed (4) P/N 95-919117-53 - Weld Assembly, Installed (4) P/N 5L10-F - Flanged Nyliner.
  3. Replace all intake gaskets and hoses. Installed (4) P/N SL71973 - Gasket, Installed (4) P/N 69603 - Intake Boots.
  4. Replaced all LORD engine isolater mounts. Installed (4) P/N J7402-1 - Engine mounts.
  5. Isolated starter wires.
  6. Replaced all flammable fluid lines.
  7. Replaced oil quick drain.
  8. Shrink wrap #2 ignition lead frays at B-nut.
  9. Weld cracks in tail pipes and secure with new hardware.
  10. CW AD 15-19-07 by inspection of lines. Next due HOBBS:5126.9

I certify this engine has been inspected in accordance with an annual inspection and determined airworthy.

Dale Kraus IA 229048334

SUB-TOTALS this page

**TOTALS**-Carry forward to next page



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**N8831M LYCOMING IO-360-B1B, IO360 SER, S/N: ENGINE-L SN L-560-51 February 20, 2025**  
HOBS: 4976.0 TSMOH: 1866.8

1. Compressions #1:76/80, #2:72/80, #3:62/80, #4:62/80.
2. Drained oil inspected oil screen for contaminants. None found, Ran engine for ops and leak check. all checks good. Installed P/N AA48110-2 - Oil Filter, Installed (7) P/N Phillips Type M 20W50 - Oil.
3. Cleaned, gapped, tested, and rotated spark plugs.
4. Verified Magneto timing.
5. Replaced induction air filter element. Installed P/N BA-7805 - Air Filter.
6. Cleaned all fuel injectors. Reinstalled torque to spec.
7. Removed cylinder #1 and #3 for camshaft inspection.
8. Replace cylinder #1, #3, and #4 due to cracks. Install new Lycoming kit assemblies 05K21102. Cylinder #1 new SN:5123-077-0251, Cylinder #3 SN: 5123-077-0243, Cylinder #4 SN:5123-077-0247. Cylinder kits include new pistons, rings and seals. Installed (4) P/N SL-STD-1821 - Hose, Installed (6) P/N 200-28H - Breeze Clamp, Installed P/N 77611 - No Blow Gasket, Installed (3) P/N LW-14995 - Spring-Shroud Tube, Installed (6) P/N LW-11485 - Shroud Tube Assy- Push Rod, Installed P/N 05K21102 - Lycoming Cylinder S/N: 5123 077 0251, Installed P/N 05K21102 - Lycoming Cylinder S/N: 5123 077 0247, Installed P/N 05K21102 - Lycoming Cylinder S/N: 5123 077 0243, Installed P/N 70485 - Intake Pipe.
9. Repair baffling as required.
10. Moved JPI Fuel flow transducer to correct location between fuel control and flow divider. Installed (2) P/N 491-4 - Fitting, Installed (2) P/N AN816-4-4 - Adapter, Installed (2) P/N AE102-9 - Aeroquip Fire



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Sleeve.

11. Replaced crank case breather hose. Installed (1 ft) P/N 6000-6 - Hose.
12. Replaced airbox drain hose.

I certify this engine has been inspected in accordance with an annual inspection and determined airworthy.

Dale Kraus IA 229048334

