

Left

#1

# ENGINE LOG BOOK





Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins



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Date: 05/03/19

Model: IO-550-C52

Serial Number: 1037209

Registration #: N2852W

Hobbs: 5789.7

TSFRM: "0"

Installed this engine on left position of N2852W, Beechcraft 58 Baron. Performed 100hr/Annual Inspection in accordance with FAR 43, appendix "D". Serviced with Aeroshell 100 straight mineral oil. Installed new intake duct P/N 96-919111. Installed new pleated paper induction filter P/N 08-00019. Installed new rear cooling blast duct P/N BE-348-1. Installed new fuel control cooling duct P/N 115167CXZ2060845. All fluid carrying hoses were sent out for duplication by Precision Host Technology W/O 607165. Installed new engine isolator mounts P/N J10778-16. Installed overhauled propeller governor P/N A210800J1, S/N 11525605. Installed new Tempest vacuum pump P/N AA3216CW. All other accessories supplied from Teledyne Continental with engine. All ground operational and leak checks good. Checked Airworthiness Directives, see report this date for status.

I certify this Engine was inspected in accordance with a 100hr/annual inspection and was found to be in airworthy condition.

Signed

Vernon Hampton A&P4314179551A

06-05-2020 HOBBS 5831.2 SMOH 41.5

Remove cowling, visually inspect cylinders, engine case and accessories section for noticeable defects, none found. Inspect cooling baffles for condition and security of attachment. Inspect exhaust system. inspect air intake box, valve, filter element, pipes, hoses and clamps. inspect engine mount tubing and welds in accordance with AD# 91-15-20 "ENGINE MOUNT" dated 09/03/91 per AD text and S.B.2302R1, no defects noted this date, due again 100 hours. Rubber shock pads and bolts check good. Check engine control linkages for security of attachment and proper range of travel. Inspect alternator and wiring. oil not changed this date at owners request but oil filter removed and checked for contaminants, none found. Checked magneto to engine timing. clean, gap, test and rotate all spark plugs. Engine test ran to operating temperature, Perform D/P compression test on all cylinders, #1-78/80, #2-78/80, #3-78/80, #4-76/80, #5-74/80, #6-75/80. Engine performance in accordance with TCM specifications.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION ON THIS DATE...

Terry Stewart  
A&P3208126



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Carried forward →					Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
1-13-2021					Tach. 5855
AD# 20-16-11					"Cross Flow Cylinder" N/A By Engine Model No.
					JS A&P3208/26
<p>08-02-2021 HOBBS 5874.0 N2852W LEFT ENGINE SMOH 84.3</p> <p>Removed cowling, engine given visual inspection of each cylinder for any sign of seepage at cylinder barrel to head, none found, inspect crankcase for cracks, none found. compressions checked, (hot) #1-75/80, #2-75/80, #3-72/80, #4-74/80, #5-74/80, #6-72/80. Check and reset magneto to engine timing. Inspect cooling baffles and seals. Inspect engine mount and shock pads. Inspect air induction system and filters, new filters due at HOBBS 6289.7. Inspect exhaust system. Change oil, Aeroshell 100, open filter and check for contaminants, none found, install new 48109 filter and safty. Check engine accessories, lines and hoses. Inspect and check crankcase vent tube. Found AD#20-16-11 "CROSS FLOW CYLINDER ASSEMBLIES INTEGRITY" N/A this engine by model number. Engine test ran, all aspects of engine and propeller operation check normal per Beech manual and T.C.E3SO.</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION ON THIS DATE.</p> <p>Terry Stewart A&amp;P3208126</p> <p>JS</p>					
<p>09-01-2022 N2852W HOBBS 5907.7 LEFT ENGINE SMOH 118.00 TCM IO-550C52B S/N 1037209</p> <p>Removed cowl, washed engine and engine compartment, perform visual inspection of external surfaces of all cylinders, found no signs of barrel to head seepage. Visual inspection of engine crankcase found no cracks or deformities. Drained oil, removed and opened oil filter, no metal found. installed 11 quarts of Phillips X/C 20W50. Performed D/P compression test on all cylinders: (Hot) #1-76/80, #2-74/80, #3-75/80, #4-74/80, #5-66/80, #6-72/80. Checked and set magneto to engine timing. Clean, gap, test and rotate all spark plugs. Clean injector servo fuel inlet screen. Inspect all fluid transfer lines and hoses. Inspect air induction system components and operation. Check engine control linkages for security of attachment and proper range of travel. Inspect complete exhaust system components for condition and security of attachment. Inspect engine mount, check cooling baffles and seals. Engine test ran, all aspects of engine and propeller operation check normal this date, no leaks found.</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION ON THIS DATE...</p> <p>Terry Stewart A&amp;P3208126</p> <p>JS</p>					



CONWAY AIRCRAFT SERVICES

DECEMBER 05, 2023

HM: 5927.4

ENGT: 137.7

SMOH: 137.7

N2852W

CONTINENTAL

IO-550-C52B

S/N: 1037209

Ca INSPECTED ENGINE I/A/W AN ANNUAL INSPECTION AS PER BEECHCRAFT BARON SERVICE MANUAL. COMPRESSION TEST AS FOLLOWS: #1-70, #2-72, #3-64, #4-62, #5-66, #6-55. DRAINED ENGINE OIL AND INSPECTED FILTER FOR METAL - NONE FOUND. INSTALLED NEW AA48108-2 FILTER AND SERVICED ENGINE WITH 12QTS AEROSHELL W100. CLEANED, GAPPED AND TESTED ALL SPARK PLUGS. ULTRA SONIC CLEANED ALL FUEL NOZZLES. WASHED ENGINE AND RUN-UP TEST GOOD. ALL APPLICABLE AD'S COMPLIED WITH TO DATE, SEE AIRCRAFT RECORDS FOR CURRENT LISTINGS.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

  
WALTER ENGLISH A&P 413067753 IA