

# ENGINE LOG BOOK





Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>
	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					
Carried forward →					



600 Hayden Circle, Suite 114, Allentown, PA 18109 610-264-1609

- 12 August 2021**  
**N2840R**  
Engine
- 1.) Changed Oil and Filter serviced with 10 quarts Aeroshell 15W50 and CH48110-1 filter IAW Beechcraft Bonanza 35 AMM 12-10-00. Cut open filter no defects noted. AOA oil sample track# 42075333.
  - 2.) Tach drive – check cable, engine cable drive and tach accuracy. No defects noted at this time.
  - 3.) Ops Runs and leak checked.
  - 4.) Return to service.

IO-470N  
SN: 1009700

Tach: 6207.0

Authorized Signature:   
Scott Richard Aircraft Maintenance LLC Michael Viccaro A&P 3710023  
WO # 12368



600 Hayden Circle, Suite 114, Allentown, PA 18109 610-264-1609

- 9/20/2021**  
**N2840R**  
Engine
- 1.) Crew reported engine roughness in flight. Returned to the field. Ran engine at various power settings could not duplicate. All indications normal.
  - 2.) Fuel pressure checks completed IAW O&M per SID 97-3G. All readings within Table 3  
Unmetered: 11psi @ 600 26 psi @ 2575  
Metered: 16 psi @ 2575
  - 3.) SB03-3 Complied with for Cylinder inspections. See items below and results.
  - 4.) Compression Check: #1: 71/80, #2: 68/80, #3: 74/80, #4: 66/80, #5: 68/80, #6: 70/80. Master Orifice: 46
  - 5.) Pulled spark plugs noted Cylinder #3 lower plugs with carbon deposits. Plug faulted on testing. Cleaned and tested all plugs no further defects noted.
  - 6.) Inspected cylinders and valves using Borescope IAW SB03-3 and TCM Std. Practices. No defects noted.
  - 7.) Pulled Fuel nozzles clean and flow checked. No Defects noted.
  - 8.) Checked Magneto timing. Within specs IAW Data plate information
  - 9.) Ops Runs and leak checked.
  - 10.) Return to service.

IO-470N  
SN: 1009700

Tach: 6214.4

Authorized Signature:   
Scott Richard Aircraft Maintenance LLC Malcolm McClay  
WO# 12441 A&P 2848508



600 Hayden Circle, Suite 114, Allentown, PA 18109 610-264-1609

- 10 March 2022**  
**N2840R**  
Engine
- 1.) Changed Oil and Filter serviced with 10 quarts Aeroshell 15W50 and CH48110-1 filter IAW Beechcraft Bonanza 35 AMM 12-10-00. Cut open filter no defects noted. AOA oil sample track# 43048412.
  - 2.) Run up and leak check good.
  - 3.) Return to service.

IO-470N  
SN: 1009700

Tach: 6271.16

Authorized Signature:   
Scott Richard Aircraft Maintenance LLC Michael Viccaro A&P 3710023  
WO # 12725

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>
	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					
Carried forward →					



600 Hayden Circle, Suite 14, Allentown, PA 18109 Phone: 610-264-1609

- 9/23/2022**  
**N2840R**  
Engine  
Continental  
IO-470N  
SN: 1009700
- 1.) Annual Inspection Completed IAW FAR 43 Appendix D. (includes de-panel/open, cleaning, inspection, lubrication, operational checks as required and re-panel/close up).
  - 2.) Compression Check: 1) 75 2) 74 3) 76 4) 72) 5) 77 6) 75 / 80 Master orifice 42.
  - 3.) Changed Oil and Filter Serviced with Phillips 20W-50 X/C. Cut filter inspected. No defects noted
  - 4.) Replaced Engine induction filter with new BA7112. Next due ACTT: 6504.2 or 9/2023.
  - 5.) Cleaned Spark Plugs gapped and tested
  - 6.) AD 96-12-22 engine oil filter adapter, C/W by visual inspection section 2 paragraph "a". Next due ACTT: 6404.2 or 9/2023.
  - 7.) Return to service.
- Tach: 6304.2  
ACTT: 6304.2  
ETT: 888.44  
PTT: 502.0
- I certify this Engine has been inspected IAW Annual Inspection and was determined to be in an airworthy condition.

Authorized Signature:   
Scott Richard Aircraft Maintenance LLC Eugene McIntosh  
WO # 6423 AP#2205081A



600 Hayden Circle, Suite 114, Allentown, PA 18109  
24/7 Phone: 610-264-1609

- 4/20/2023**  
**N2840R**  
Engine  
SN 096627-R
- 1.) Removed and cleaned all injectors, reinstalled IAW TCM O&M 10-2.2
  - 2.) Checked EGT CHT electrical connections. Repaired loose bundle and secured IAW Insight CMM.
  - 3.) Inspected Cylinders. No issues noted.
  - 4.) Aircraft returned to service.

Tach: 6374.14

Authorized Signature:   
WO# 6597 Eugene McIntosh  
C.R.S. S6DR164H



600 Hayden Circle, Suite 14, Allentown, PA 18109 Phone: 610-264-1609

- 10/13/2023**  
**N2840R**  
Engine  
Continental  
IO-470N  
SN: 1009700
- 1.) Annual Inspection Completed IAW FAR 43 Appendix D. (includes de-panel/open, cleaning, inspection, lubrication, operational checks as required and re-panel/close up).
  - 2.) Compression Check: 1) 76 2) 75 3) 78 4) 70) 5) 70 6) 74 / 80 Master orifice 42.
  - 3.) Changed Oil and Filter Serviced with Phillips 20W-50 X/C. Cut filter inspected. No defects noted
  - 4.) Replaced Engine induction filter with new BA7112. Next due ACTT: 6541.24 or 10/2024.
  - 5.) Cleaned Spark Plugs gapped and tested
  - 6.) AD 96-12-22 engine oil filter adapter, C/W by visual inspection section 2 paragraph "a". Next due ACTT: 6404.2 or 9/2023.
  - 7.) AD 2023-17-04 Oil Filter Adapter brand could not be identified. Inspected found copper gasket installed. This AD prohibits installation of fiber gasket and using and F&M gasket.
  - 8.) AD 2023-02-12 SAP Cylinders. DNA by cylinder installation dates IAW Pt. (C)(1-3)Checked. No further action required.
  - 9.) AD 2022-16-03 Magneto S1200. DNA by S/N IAW Pt. (C)(1-2). No further action required.
  - 10.) FAR 91.207(d) ELT check completed. Replaced battery P/N BP-1005 IAW Largo Electronics CMM Batter next Due 10/2025 inspection due 10/2024.
  - 11.) AD 2023-09-09 "V" Band clamps DNA by installation. No further action required.
  - 12.) Return to service.
- Tach: 6441.24  
ACTT: ~~6304.25~~  
ETSOH: 1025.33  
PTT: 638.99
- 6441.24  
EJ

I certify this Engine has been inspected IAW Annual Inspection and was determined to be in an airworthy condition.

Authorized Signature:   
Scott Richard Aircraft Maintenance LLC Eugene McIntosh  
WO # 6677 C.R.S. S6DR164H

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

Carried forward →



600 Hayden Circle, Suite 114, Allentown, PA 18109 610-264-1609

**05 June 2020**  
**N2840R**  
S/N D-7221  
Tach: 6052.1

- 1.) Changed Oil and Filter serviced with 10 quarts Aeroshell 15W50 and CH48110-1 filter IAW Beechcraft Bonanza 35 AMM 12-10-00. Cut open filter no defects noted. AOA oil sample track# 26414987.
- 2.) R/H strut – serviced strut IAW Beech Bonanza 35 AMM 2-20.
- 3.) Compass swing performed IAW AC43-13-13 Par 12-38. Panel placarded with corrections card.
- 4.) Ops Runs and leak checked.
- 5.) Return to service.

Authorized Signature:   
Scott Richard Aircraft Maintenance LLC Malcolm McClay A&P 2848308  
WO # 11767



600 Hayden Circle, Suite 114, Allentown, PA 18109 610-264-1609

**12 Nov 2020**  
**N2840R**  
Engine  
IO-470N  
SN: 1009700  
Tach: 6099.5

- 1.) Changed Oil and Filter serviced with 10 quarts Aeroshell 15W50 and CH48110-1 filter IAW Beechcraft Bonanza 35 AMM 12-10-00. Cut open filter no defects noted. AOA oil sample track# 42066598.
- 2.) Ops Runs and leak checked.
- 3.) Return to service.

Authorized Signature:   
Scott Richard Aircraft Maintenance LLC Malcolm McClay A&P 2848308  
WO # 11942



600 Hayden Circle, Suite 114, Allentown, PA 18109 610-264-1609

**22 April 2021**  
**N2840R**  
Engine  
IO-470N  
SN: 1009700  
Tach: 6152.68

- 1.) Changed Oil and Filter serviced with 10 quarts Phillips 20W50XC and CH48110-1 filter IAW Beechcraft Bonanza 35 AMM 12-10-00. Cut open filter no defects noted. AOA oil sample track# 42075188.
- 2.) Ops Runs and leak checked.
- 3.) Return to service.

Authorized Signature:   
Scott Richard Aircraft Maintenance LLC Aaron Jennings A&P 4201227  
WO # 12163

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

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600 Hayden Circle, Suite 14, Allentown, PA 18109 Phone: 610-264-1609

**6/11/2021**  
**N2840R**  
Engine  
Continental  
IO-470N  
SN: 1009700  
Tach: 6170.25  
ACTT: 6170.25  
ETT: 754.47  
PTT: 368.03

- 1.) Annual Inspection Completed IAW FAR 43 Appendix D (includes de-panel/open. cleaning, inspection, lubrication, operational checks as required and re-panel/close up).
- 2.) Compression Check: 1) 68 2) 70 3) 74 4) 64 5) 72 6) 72 / 80 Master orifice 42.
- 3.) Changed Oil and Filter Serviced with Phillips 20W-50 X/C. Cut filter inspected. No defects noted
- 4.) Replaced Gasket Oil temp sending unit with new P/N AN900-10.
- 5.) Alternator mount bracket bushings replaced with new P/N 08-00322 IAW TCM kit EQ5841.
- 6.) **AD 96-12-22** engine oil filter adapter, C/W by visual inspection section 2 paragraph "a". Next due 6270.25 or 6/2022.
- 7.) Return to service.

I certify this Engine has been inspected IAW Annual Inspection and was determined to be in an airworthy condition.

Authorized Signature:   
Scott Richard Aircraft Maintenance LLC Eugene McIntosh  
WO # 12194 AP32203081A



600 Hayden Circle, Suite 114, Allentown, PA 18109 610-264-1609

**02 July 2021**  
**N2840R**  
Engine  
IO-470N  
SN: 1009700  
Tach: 6182.47

- 1.) R/R engine driven vacuum pump – w/overhauled P/N G455 S/N 53288 off – S/N 4731 IAW Beech 35 shop manual. See 8130 dated April 26, 2021 Accessories Inc track# 82182.
- 2.) L/H magneto timed IAW Continental Engine IO470 overhaul manual 74-30-01.
- 3.) Ops Runs and leak checked good.
- 4.) Return to service.

Authorized Signature:   
Scott Richard Aircraft Maintenance LLC Michael Viccaro A&P 3710023  
WO # 12274

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>
	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					



600 Hayden Circle, Hangar 7, Allentown, PA 18109  
24/7 Phone: 570-386-3543

**4/18/2018**  
**N2840R**  
Engine  
Continental  
IO-470N  
SN: 1009700

Tach: 5775.65  
ACTT: 5775.65  
ETT: 359.87  
PTT: 0.0

- Annual Inspection (includes de-panel/open, cleaning, inspection, lubrication, operational checks as required and re-panel/close up)
- Engine Inspected and repaired after sudden stoppage see 8130-3 from Columbia Aircraft Services dated 10/18/2017 ref# 26673-1. See their sign off dated 10/24/2017 under WO# 026673 for parts replaced.
- Engine installed in aircraft S/N D-7221 IAW model 35 series Shop manual chapter 4 and std. practices
- SID97-3G Fuel injection Adjustment Completed.
- Oil serviced with Aeroshell 100 straight mineral oil for break-in. New Filter installed.
- AD96-12-22 C/W inspection of oil filter adapter, no defects noted next inspection due ACTT 5875.65
- Engine run-up leak and operational check satisfactory
- Check flight and break in to be accomplished by Owner/Operator.

I certify this engine has been inspected IAW Annual Inspection and was determined to be in an airworthy condition.

Authorized Signature: Eugene McIntosh  
Scott Richard Aircraft Maintenance LLC Eugene McIntosh AP32203081A  
WO # 10292



600 Hayden Circle, Hangar 7, Allentown, PA 18109  
24/7 Phone: 570-386-3543

**10/12/2018**  
**N2840R**  
Engine  
Continental  
IO-470N  
SN: 1009700

Tach: 5802.22  
ACTT: 5802.22  
ETT: 386.44

- Changed Oil and Filter serviced with 10 quarts Aeroshell 15W50. Cut open filter no defects noted.
- Replaced all fluid lines and hoses using kit BE35 from PHT Inc. See C of C dated 4/5/2018 ref # 603279.
- Ops Runs and leak checked.
- Return to service.

Authorized Signature: Eugene McIntosh  
Scott Richard Aircraft Maintenance LLC Eugene McIntosh A&P 3220308  
WO # 10515



600 Hayden Circle, Suite 14, Allentown, PA 18109 Phone: 610-264-1609

**01 May 2019**  
**N2840R**  
Engine  
Continental  
IO-470N  
SN: 1009700

Tach: 5876.40  
ACTT: 5876.40  
ETT: 460.62  
PTT: 74.18

- Annual Inspection (includes de-panel/open, cleaning, inspection, lubrication, operational checks as required and re-panel/close up)
- Compressions - Engine: #1=79/80, #2=79/80, #3=79/80, #4=78/80, #5=79/80, #6=79/80
- Oil serviced with Aeroshell 15W50. New Filter installed. Leak check good.
- AD 96-12-22 C/W by visual inspection of oil filter adapter by section 2 paragraph "a". No defects noted next inspection due ACTT 5976.40 or May 2020.
- Engine run-up leak and operational check satisfactory

I certify this engine has been inspected IAW Annual Inspection and was determined to be in an airworthy condition.

Authorized Signature: Jason Carvino  
Scott Richard Aircraft Maintenance LLC Jason Carvino AP37089141A  
WO # 11071

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b>
	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					



600 Hayden Circle, Suite 114, Allentown, PA 18109 610-264-1609

**28 August 2019**  
**N2840R**  
S/N D-7221  
Engine  
Continental  
IO-470N  
SN: 1009700

Tach: 5942.19  
ACTT: 5942.19  
ETT: 526.41

- Changed Oil and Filter serviced with 10 quarts Aeroshell 15W50 and CH48110-1 filter IAW Beechcraft Bonanza 35 AMM 12-10-00. Cut open filter no defects noted. AOA oil sample track# 25364919.
- Ops Runs and leak checked.
- Return to service.

Authorized Signature: Jason Carvino  
Scott Richard Aircraft Maintenance LLC Jason Carvino A&P 3708914  
WO # 11355



600 Hayden Circle, Suite 114, Allentown, PA 18109 610-264-1609

**13 March 2020**  
**N2840R**  
S/N D-7221  
Engine  
Continental  
IO-470N  
SN: 1009700

Tach: 5997.98  
ACTT: 5997.98  
ETT: 582.20

- Changed Oil and Filter serviced with 10 quarts Aeroshell 15W50 and CH48110-1 filter IAW Beechcraft Bonanza 35 AMM 12-10-00. Cut open filter no defects noted. AOA oil sample track# 26414999
- Oil cooler to adapter gasket - replaced gasket P/N 654117 IAW Continental IO 470N section 12-19 & Section 4. See COC dated 02 January 2019 Aviall order# 8006766688.
- Ops Runs and leak checked.
- Return to service.

Authorized Signature: Michael Viccaro  
Scott Richard Aircraft Maintenance LLC Michael Viccaro A&P 3710023  
WO # 11703



600 Hayden Circle, Suite 14, Allentown, PA 18109 Phone: 610-264-1609

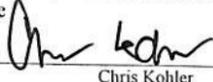
**12 May 2020**  
**N2840R**  
Engine  
Continental  
IO-470N  
SN: 1009700

Tach: 6012.63  
ACTT: 6012.63  
ETT: 596.85  
PTT: 210.41

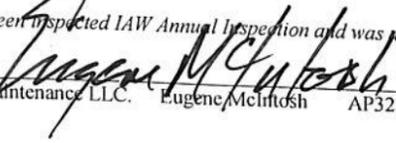
- Annual Inspection (includes de-panel/open, cleaning, inspection, lubrication, operational checks as required and re-panel/close up)
- Compressions - Engine: #1=78/80, #2=78/80, #3=78/80, #4=78/80, #5=78/80, #6=78/80.
- Oil sample taken - ALS track# 26415003.
- AD 96-12-22 C/W by visual inspection of oil filter adapter by section 2 paragraph "a". No defects noted next inspection due ACTT 6112.63 or May 2021.
- Engine run-up leak and operational check satisfactory

I certify this engine has been inspected IAW Annual Inspection and was determined to be in an airworthy condition.

Authorized Signature: Eugene McIntosh  
Scott Richard Aircraft Maintenance LLC Eugene McIntosh AP32203081A  
WO # 11726

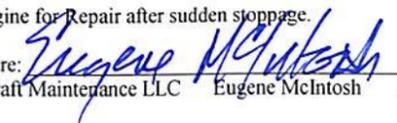
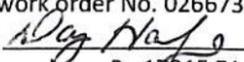
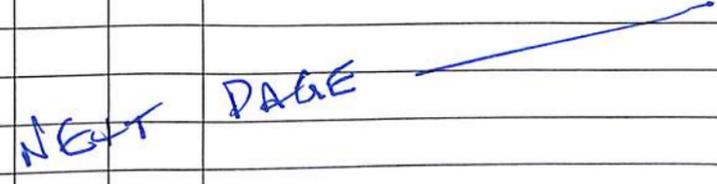
Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					
 <b>SCOTT RICHARD</b> Aircraft Maintenance LLC 600 Hayden Circle, Hangar 7, Allentown, PA 18109 24/7 Phone: 570-386-3543					
08 December 2016			WO# 4688		
<b>N2840R</b>					
Engine IO-470-N S/N 1009700					1.) Drained oil, replaced filter P/N CH48111-1, serviced with 10qt Aeroshell 15W50 2.) Took AOA sample and send to lab. 3.) Cut open and inspected filter, no defects noted 4.) Ran engine, leak and operational check satisfactory. 5.) Return to service
Tach: 5676.9			Authorized Signature:  Chris Kohler AP3862124		


**SCOTT RICHARD**  
Aircraft Maintenance LLC  
600 Hayden Circle, Allentown, PA 18109 570-386-3543

01 April 2017					
<b>N2840R</b>					
Engine Continental IO-470N SN: 1009700					1.) Annual Inspection (includes de-panel/open, cleaning, inspection, lubrication, operational checks as required and re-panel/close up) 2.) Drain oil and cut open filter no defects noted, installed new filter PN: CH48111-1 serviced with 10 QTS of Aeroshell 15w50 ran, operational and leak check ok. 3.) Compression check as follow Cyl # 1. 76/80 #2. 78/80 #3. 74/80 #4. 74/80 #5. 74/80 #6. 76/80, removed all spark plugs, cleaned, gapped, tested and reinstalled 4.) AD96-12-22 C/W inspection of oil filter adapter, no defects noted next inspection due ACTT 5802.1 5.) Engine run-up leak and operational check satisfactory
Tach: 5702.1 TTA: 5702.1 ETSN: 286.3 TTP: 564.5			I certify this engine has been inspected IAW Annual Inspection and was determined to be in an airworthy condition.		
			Authorized Signature:  Scott Richard Aircraft Maintenance LLC Eugene McIntosh AP32203081A WO # 4796		


**SCOTT RICHARD**  
Aircraft Maintenance LLC  
600 Hayden Circle, Allentown, PA 18109 570-386-1265

6/9/2017					
<b>N2840R</b>					
Tach: 5758.48 ETSN: 343.10					1.) Changed Oil and Filter serviced with Aeroshell 15W-50. 2.) Oil sample sent to AOA 3.) Ops run engine and leak checked, all indication normal. 4.) Return to service.
			Authorized Signature:  Scott Richard Aircraft Maintenance Eugene McIntosh A&P 3220308 Work Order # 4951		

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
 <b>SCOTT RICHARD</b> Aircraft Maintenance LLC 600 Hayden Circle, Hangar 7, Allentown, PA 18109 24/7 Phone: 570-386-3543					
8/24/2017					1.) Removed Engine for Repair after sudden stoppage.
<b>N2840R</b>					
Engine Continental IO-470N SN: 1009700					Authorized Signature:  Scott Richard Aircraft Maintenance LLC Eugene McIntosh A&P 3220308 WO # 10095
Tach: 5775.65 ACTT: 5775.65 ETT: 359.87					
 Columbia Aircraft Services, Inc. 101 Airport Road, Bloomsburg, PA 17815 570.784.3070   800.222.1522 www.ColumbiaAircraftServices.com   info@ColumbiaAircraftServices.com FAA Approved Repair Station #JM2R930K					
	24 Oct 2017	Tach 5775.67	TSFR 360.29	TTE 360.29	
Sudden Stoppage Inspection IO-470-N (14) Engine S/N 1009700. Crankshaft S/N N12KA204 C/W Ultrasonic Inspection IAW MSB96-10A, Rod Journals (STD) & Main Journals (STD) Installed New Lifters P/N SA628488 & SA646277 Installed Serviceable Cylinders 6ea. P/N 658184. Magneto's Insp C/W Bendix P/N BL-600606-1 S/N E13LA135R & Bendix P/N BL-600656-1 S/N E13LA140R. Engine Test Cell Run and found Satisfactory Itemized Parts List and Serviceable Tags are Included. Mdl IO-470-N (14) S/N 1009700 Engine has been repaired in Accordance with Factory Overhaul Manual X30097. All parts have been inspected & have been determined Airworthy for return to Service. Pertinent details of the repair are on file at this agency under work order No. 026673 Completed Date 24 Oct 2017. Signed  for Columbia Aircraft Services, Inc. Bloomsburg, Pa 17815 FAA R.S. JM2R930K					
					



## Service Information

Consult the Continental Motors web site at [continentalmotors.aero](http://continentalmotors.aero) for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service bulletins that may be pertinent to your engine model.

If internet access is not available, contact our Customer Service Department at:  
1-888-826-5465 Toll free in the United States or  
1-251-438-8299 International

## Engine Returns

Return engines for core credit with this log book to:

**Continental Motors, Inc.**  
2039 Broad Street  
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

**Mattituck Services**  
410 Airway Drive  
Mattituck, NY 11952 USA

**USE ONLY FUEL CONFORMING TO ASTM D910  
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



**Continental Motors, Inc.**

Production Certificate 508

Printed: 2/12/2014

Test Date: 2/11/2014

This engine model I0470N14B, serial number 1009700 was rebuilt by Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Continental Motors Service Bulletins.

*Thomas Howard*



600 Hayden Circle, Hangar 7, Allentown, PA 18109  
24/7 Phone: 570-386-3543

cord

28 March 2014

**N2840R**

Engine  
IO470N14  
SN 1009700

TACH: 5415.38  
TTE: 0

W/O# 3008

- 1.) Overhauled engine installed on N2840R - Beech P35 SN: D-7221, Engine PN: IO470N14 SN: 1009700, new spark plugs, serviced engine with 10 qts Aeroshell 80 mineral oil, reinstalled propeller after repairs by East Coast Propellers Inc. See maintenance release for sigh off, installed 4 new motor mounts and bolts PN: J7518-2, bolts PN: AN7-35A. Ran engine, operational and leak checks as required, rigged as required all checks ok, aircraft returned to service.
- 2.) Components SN with new Engine as follows.
- 3.) **Camshaft** SN: 189154      **Crankshaft** SN: N12KA204  
**Crankcase** SN: H170103R      **L Magneto** SN: E13LA135R  
**R Magneto** SN: E13LA140R      **Fuel Pump** SN: B14AA071R  
**Manifold Valve** SN: C14AA065R      **Metering Unit** SN: A14AA008R  
**Starter** SN: H-J-311315      **Cylinder - 1** SN: AC13KA360  
**Cylinder - 2** SN: AC13IB223      **Cylinder - 3** SN: AC13JB928  
**Cylinder - 4** SN: AC13LA327      **Cylinder - 5** SN: AC13JB604  
**Cylinder - 6** SN: AC13LA788      **Oil Cooler** SN: L13-10924-84
- 4.) Replace prop governor gasket with new PN: MS9144-01 leak check ok.
- 5.) Replaced a couple of rubber grommet as required in various spots of engine baffle PN: MS35489-14, 36, and 41
- 6.) Repaired baffle on upper mounting ear as required.
- 7.) Left lower engine baffle at rear is worn from cooling fins, fabricated new extension on baffle.
- 8.) Replaced scat tube PN: scat-08-528 to fuel pump.
- 9.) Riveted new ear on right side oil cooler baffle.
- 10.) Replaced throttle cable rod end, rigged and ops check ok.

All work listed above was accomplished IAW TCM IO-470 Operators Manual and Beech P35 AMM. This aircraft is considered airworthy in regards to the work accomplished on this item.

Authorized Signature:

*Jonathan D. Keebler*  
Jonathan D. Keebler AP3696032



600 Hayden Circle, Hangar 7, Allentown, PA 18109  
24/7 Phone: 570-386-3543

04 April 2014

**N2840R**

Engine  
S/N D-7221

Tach: 5417.0

W/O# 3089

- 1.) Spinner bulkhead support replaced with new PN: C-6619 ops check ok.
- 2.) Adjusted engine oil pressure one turn in ran check ok.
- 3.) Serviced and recorded current oil level use 80W mineral
- 4.) Adjusted and shimmed throttle cable clamp bolt set points.

All work listed above was accomplished Beech P35 AMM and FAR Part 43 Appendix D This aircraft is considered airworthy in regards to the work accomplished on this item.

Authorized Signature:

*Abel Ferreira*  
Abel Ferreira AP3205342



600 Hayden Circle, Hangar 7, Allentown, PA 18109  
24/7 Phone: 570-386-3543

20 May 2014

**N2840R**

Engine  
S/N 096627-R

Tach: 5453.30

W/O# 3137

- 1.) Drained oil, replaced filter P/N CH48111-1, serviced with 10qt Aeroshell 15W50
- 2.) Cut open and inspected filter, no defects noted
- 3.) Ran engine, leak and operational check satisfactory. Return to service

All work listed above was accomplished IAW TCM IO-470 Operators Manual and Beech P35 AMM This aircraft is considered airworthy in regards to the work accomplished on this item.

Authorized Signature:

*Jason Carvino*  
Jason Carvino AP3708914