

ENGINE LOG BOOK



Service Information

Consult the Continental Motors web site at 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 documents 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
1-251-436-8299 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:

Continental Motors, Inc.
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

**USE ONLY FUEL SPECIFIED IN OPERATOR'S
MANUAL OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



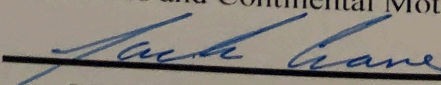
Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed: 02/22/2016

Test Date: 02/18/2016

This engine model I0550N68B, serial number 1032054 was manufactured by Continental Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.


CONTINENTAL MOTORS, INC.

Form 6012-03 (Rev Sept 2014)

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul	
	Hours	Min	Hours	Min
5/4/16	27	0		
8/18/16	78	0		
11/24/16	128	7		

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

CHANGED OIL, PHILLIPS XC 20-50, AND FILTER, TEMPEST 48108 ¹⁷⁰¹⁴⁰³ JCL

CHANGED OIL, PHILLIPS XC 20-50, AND FILTER TEMPEST 48108, CAMGUARD ¹⁷⁰¹⁴⁰³ JCL

CHANGED OIL, PHILLIPS XC 20-50, AND FILTER TEMPEST 48108 + CAMGUARD ¹⁷⁰¹⁴⁰³ JCL - 3678859

ENGINE MODEL: IO550N68B
 ENGINE S/N: 1032054
 REG. NO: 416PC
 WORK ORDER: 0798-02-2017

East Coast Aviation Service, Inc.
 Repair Station No. FAA CRS 9ESR403B
 2580 SE Aviation Way
 Ste 102
 Stuart, FL 34996
 Phone: 772 781 0610

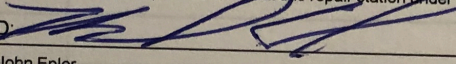
DATE: 4/1/2017
 A/C TSN: 164.2
 ENG TT: 164.2
 TSMOH:
 HOBBS: 199.8

Engine Entries

(2) Inspected this engine in accordance with FAR 43 Appendix D, Oil Drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 6 qts of Phillips X/C 20W-50, compression checked as follows 1:78 2:74 3:78 4:76 5:78 6:74/80 master orifice 43... (8) Replaced oil cooler P/N 654585 S/N L16-13837-218... (12) Replaced #6 top spark plug P/N URHB32E, engine cleaned and operational check performed, I certify this engine to have been inspected in accordance with a 100HR/Annual inspection and was determined to be in a airworthy condition.

The aircraft and/or component(s) on 416PC was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0798-02-2017

DATE: 4/1/2017

SIGNED: 
 Richard John Epler
 Certified Repair Station No. FAA CRS 9ESR403B

Work Order: 0798-02-2017
 Printed by EBis 3 (datcomedia.com)

Corporate Air Center N416PC SR-22 G5 S/N: 22-4329 FLT: 204.9



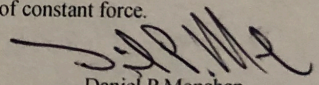
15452 - Airport Drive
 Burlington, WA 98233
 Phone (360) 757-7757
 Fax (360) 757-1557

Airframe TT: 204.9
 Engine TSN: 204.9
 Prop TSN: 204.9
 Hobbs: 249.4

IO-550-N S/N 1032054

All work performed in accordance with the Cirrus maintenance manual and FAR Part 43, Part 91 subpart E.

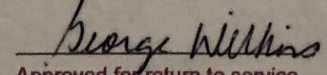
1. C/W 50 Hr. oil change inspection.
2. Drained oil and obtained a sample (Blackstone).
3. Removed filter and cut open. No metal found.
4. Installed new filter P/N CH48108-1.
5. Serviced engine with 6 qts. of Phillips 20W-50.
6. C/W SB2X-32-22R1 Nose Landing Gear Strut Assy. Inspection. No cracks noted. Next inspection due by FLT: 254.9.
7. C/W SB2X-32-23 Nose Wheel Shimmy Reduction. Set tire pressure to 45 psi, set NLG fork tension to 35 Lbs. of constant force.


 Daniel P Monahan
 AP3248408IA

7/31/2017

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 14369 Registration# N416PC Date: 3/3/17
 Aircraft S/N 4329 Meter: 171.3 Total Time: 171.3

Removed cowling, inspected engine, removed 6 nozzles, inspected nozzles, cleaned nozzles, flushed fuel lines, reinstalled nozzles ops and leak check ok, reinstalled cowling.



 Approved for return to service
 George Wilkins AP450828487

Entered out of sequence

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

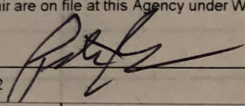
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ENGINE MODEL ENGINE S/N REG NO 416PC WORK ORDER 28615		Aircraft Solutions, LLC. 6095 E Rutter Ave. Suite 2 Spokane, WA 99212 Phone: (509) 838-8883	DATE 4/2/2018 A/C TSN 220 3 ENG TT TSMOH HOBBS 220 3
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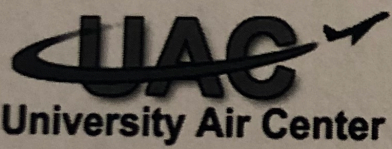
Engine Entries

Annual inspection completed this time and date in accordance with FAR 43, Appendix D and Continental Motors 100 Hr Inspection complied with Fuel pressure functional inspection. Checked aircraft records for any applicable AD notes that are due at this time. Compression test, over 80 psi: 1=72, 2=74, 3=76, 4=72, 5=74, 6=74, MO=44. Drained oil and changed filter. Inspected old filter for contamination. Serviced with Phillips 20W50 oil sent oil sample to Blackstone Labs. Ground run and leak check good. approved for return to service.

I certify that Aircraft 416PC has been inspected in accordance with an Annual inspection and determined to be in airworthy condition. Aircraft 416PC and/or component(s) identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this Agency under Work Order 28615 dated 4/2/2018.

DATE: 4/2/2018 SIGNED:  Work Order: 28615
Pete Reed, IA 3018502 Printed by EBis 3 (datcomedia.com)

9/15/18	241.7	241.7	CHANGED ENGINE OIL, PHILLIPS XC-20-50 FILTER 48108 #CAMGUARD 9 CLR 1701403
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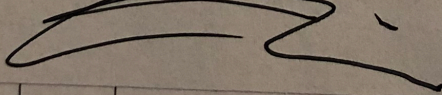
UAC
University Air Center

10/12/2018
4701 N.E. 40th TERRACE
GAINESVILLE, FL 32609

N:416PC
MAKE:CONTINENTAL
MODEL:IO550N68B
S/N:1032054
TACH:256.3
HOBBS:316.7

1. Cleaned Gapped tested and rotated all plugs, found one bad, installed new URHB32E in #2B
2. Removed and cleaned all injectors, reinstalled leak tested good.
3. Timed mags to 22deg
4. Replaced cylinder assys PN 658595A2 #3, #4, #6 with new, ran in, no leaks, took compression @80psi 3)76 4)78 6)78. Cylinder #3) AC18EB500 #4)AC18BE494 #6)AC18EB495
5. Changed oil and filter, cut old filter no defects noted, installed torqued and saftied new, serviced engine 8 qts Areoshell 100 mineral washed down ran up leak check good

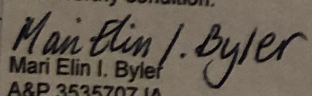
I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

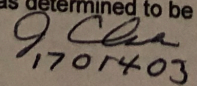
Ian A. Thiessen AP 3585304 IA 

Date: 07/01/2019	Tach: 359.0	ETT: 359.0
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Inspected engine in accordance with Service Manual 100 HR/Annual inspection checklist & per FAR 43, App. D. Drained oil, checked oil filter for metal - ok. Installed new CH48108-1 oil filter. Serviced with 7 qts Phillips 20W50. Checked exhaust muffler for leaks - ok. Cleaned, checked, gapped & rotated sparkplugs - ok. Checked compression: #1 78/80, #2 78/80, #3 78/80, #4 74/80, #5 78/80, #6 77/80. Checked magneto timing. Checked AD's through this date, for details see list in aircraft records.

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


Mari Elin I. Byler
A&P 3535707 IA

HOBBS 359.0
FLIGHT 293.4
 1701403