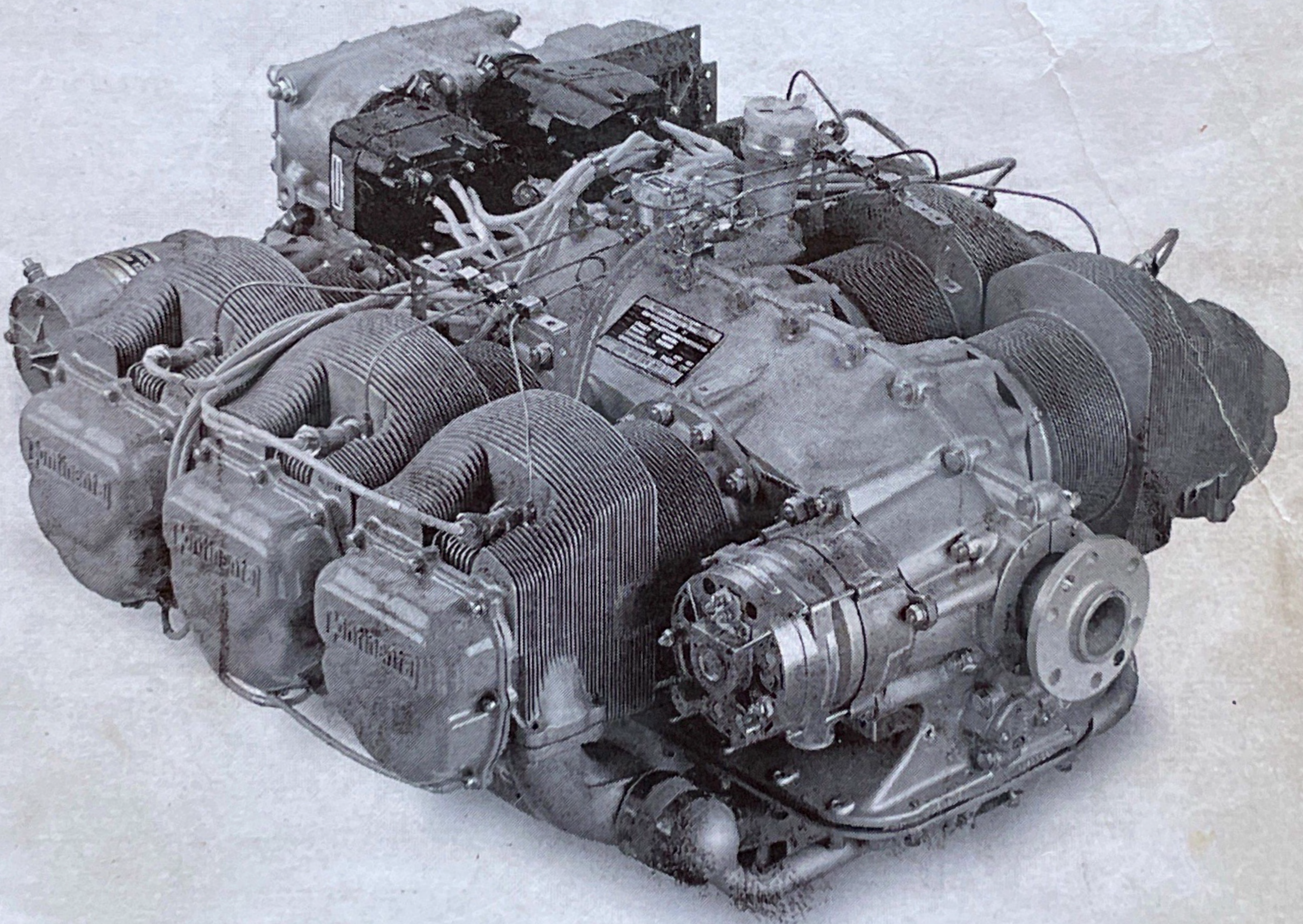


ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

Service Information


Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.


Engine Returns

All returned engines are to be shipped with this log book
Directly to:

Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**


This engine model **I0550N7** was manufactured by **Teledyne Continental Motors, Inc.** A Teledyne Technologies Company
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
Printed: 01/23/2003
This engine model **I0550N7**, Serial No. **686807** was manufactured on **01/20/2003**
by Teledyne 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 Teledyne Continental Motors Service Bulletins.


TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 508

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
2-3-03	0	0			Serviced Engine with 8 Qts of Phillips 20W ⁵⁰ LEAD Straight Mineral Oil on 2/3/03 by 2
MAY 13 2003	26	6	26	6	ON THIS DATE DRAINED OIL & INSP. FILTER. ADDED 8 QTS AEROSHELL 100 MINERAL OIL AND 1 CH48108 FILTER. GRO RAN ENGINE NO LEAKS NOTED. AIRCRAFT RETURNED TO SERVICE FOR WORK PERFORMED. Brian J. Ozark APO41640790
JUNE 04	49	3	49	3	ON THIS DATE DRAINED OIL AND INSP FILTER. ADDED 8 QTS AEROSHELL 15W50 OIL AND 1 CH48108 OIL FILTER. TOOK OIL ANALYSIS. GRO RAN ENGINE NO LEAKS NOTED. AIRCRAFT RETURNED TO SERVICE FOR WORK PERFORMED. Brian J. Ozark APO41640790
2003 AUGUST 05	97	9	97	9	ON THIS DATE DRAINED OIL AND INSP FILTER. TOOK OIL SAMPLE. INSTALLED 1 CH48108 FILTER AND 8 QTS 15W50 AEROSHELL OIL. CLEANED GAPPED TESTED SPARK PLUGS AND ROTATED. RAN ENGINE NO LEAKS NOTED. AIRCRAFT RETURNED TO SERVICE FOR WORK PERFORMED. Brian J. Ozark APO41640790
2003 OCTOBER 07	152	01	152	01	ON THIS DATE DRAINED OIL AND INSP. FILTER. ADDED 8 QTS AEROSHELL 15W50 OIL AND 1 CH48108 FILTER. GRO RAN ENGINE NO LEAKS NOTED. AIRCRAFT RETURNED TO SERVICE FOR WORK PERFORMED. Brian J. Ozark APO41640790
JAN. 9 2004	203	6	203	6	ON THIS DATE DRAINED OIL AND INSP FILTER. TOOK OIL SAMPLE. ADDED 8 QTS AEROSHELL 15W50 AND 1 CH48108 FILTER. REMOVED CLEANED, GAPPED TESTED AND REINSTALLED SPARK PLUGS. GRO RAN ENGINE NO LEAKS NOTED. AIRCRAFT RETURNED TO SERVICE FOR WORK PERFORMED. Brian J. Ozark APO41640790

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
1-15-04	205	9	205	9	INSTALLED NEW BATH BULKHEAD AIR FILTER ASSY
					Brian J. Deane APO41640790

Engine

N1039
S/N: 0470

Date: 03/12/2004

Hourmeter: 220.8

Aircraft TT: 220.8

Scheduled Maintenance

- 1) Completed an Annual Inspection using the Cirrus maintenance Manual P/N 13773-001 Rev 5 Dec-03.
- 2) Changed oil and filter. Installed new Champion oil filter p/n CH48108-1 and serviced with 7 quarts 15W50 oil.
- 3) Cleaned and inspected all fuel nozzles.
- 4) Cleaned, Inspected, gapped and reinstalled all spark plugs.
- 5) Completed engine compression test as follows:
1. 74/80 2. 73/80 3. 74/80 4. 75/80 5. 76/80 6. 74/80
- 6) Replaced the Engine Induction air filter p/n BA-24.

Unscheduled Maintenance

- 1) Replaced the engine oil cooler P/N 10281A, s/n B04-2147-882 with new.
- 2) Installed new left front engine cooling baffle p/n 13661-004.
- 3) Installed new right front engine baffle p/n 13669-005.

I certify that this Engine has been inspected in accordance with an Annual inspection and determined to be in airworthy condition. Details pertinent to this inspection are on file under W.O. # 539843.

Date 03/12/2004

Insp. Sig. *[Signature]*

Executive Beechcraft STL Inc.

Spirit of St Louis Airport 532 Beechcraft Dr.

Chesterfield, MO. 63005 (636) 532-4800

FAA Certificated Repair Station No. DEBR152D

Executive Beechcraft STL inc.
EB

6-22-04	255	3	255	3	ON THIS DATE ADJUSTED RIT & LIT TAIL PIPES (OW)
					CIRRUS MM CHARTER 78 2A REINSTALLED COUPLING
					Brian J. Deane APO41640790
AUGUST 9 2004	272	80	272	80	ON THIS DATE DRAINED OIL AND INSPECTED FILTER
					TOOK OIL SAMPLE. INSTALLED 164 ES48108 FILTER
					AND ADDED 8 QTS BAROSHELL 15W50 RAN ENGINE
					NO LEAKS NOTED.
					Brian J. Deane APO41640790

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins												
	Hrs.	Min.	Hrs.	Min.													
Brought Forward	→		272	80													
SEPT. 19, 2004	322	80	322	80	ON THIS DATE DRAINED OIL, INSPO FILTER. ADDED 8 QTS AEROSHELL 15W50 AND 1 ES48108 FILTER. GROUND RUN ENGINE NO LEAKS NOTED												
					<i>Brian J. Ozark</i> BRIAN J. OZARK APO41640790												
12/15/04	Installed new oil cap/dipstick.																
Hm = 363.5																	
ACTT = 363.5																	
<p>THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.</p> <p>SIGNED: <i>Jeremy S. Bantz</i> DATED: 12/15/04</p> <p>TRISTATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN</p>																	
FEB 4 2005	367	30	367	30	ON THIS DATE ENGINE REMOVED FOR PROP SERVICE INSPECTION												
					<i>Brian J. Ozark</i> APO41640790												
<p>Continental IO-550N7 SER# 686807</p> <p>2/24/2005</p> <p>This date according to Continental Certification bearings installation X30568</p>																	
<p>John Jewell AIRCRAFT, INC. SERVICEABLE PART TAG</p> <p>P.O. BOX 399 - HIGHWAY 78 WEST HOLLY SPRINGS, MISSISSIPPI 38635 (601) 252-6377</p> <table border="1"> <tr> <td>MFG. CONTINENTAL</td> <td>MODEL IO-550-N</td> </tr> <tr> <td>PART NUMBER</td> <td>SERIAL NUMBER J050481</td> </tr> <tr> <td>PART NAME CRANKSHAFT</td> <td>ULTRASONIC INSPECT-END-CUSTOMER P.O.#</td> </tr> <tr> <td>CUSTOMER JEWELL AVIATION</td> <td></td> </tr> <tr> <td>W/O # J4607</td> <td>DATE 2/17/05</td> </tr> <tr> <td colspan="2">SIGNATURE A&P2088862 <i>John Jewell</i></td> </tr> </table>						MFG. CONTINENTAL	MODEL IO-550-N	PART NUMBER	SERIAL NUMBER J050481	PART NAME CRANKSHAFT	ULTRASONIC INSPECT-END-CUSTOMER P.O.#	CUSTOMER JEWELL AVIATION		W/O # J4607	DATE 2/17/05	SIGNATURE A&P2088862 <i>John Jewell</i>	
MFG. CONTINENTAL	MODEL IO-550-N																
PART NUMBER	SERIAL NUMBER J050481																
PART NAME CRANKSHAFT	ULTRASONIC INSPECT-END-CUSTOMER P.O.#																
CUSTOMER JEWELL AVIATION																	
W/O # J4607	DATE 2/17/05																
SIGNATURE A&P2088862 <i>John Jewell</i>																	
<p>March 8, 2005 Continental IO-550-N 5/1688807 Tach 367.3 Total Time 367.3 On this date performed the following work; Reinstalled engine on N1039 after teardown inspection by Jewel Aviation. Added 8 qts Aeroshell 15W50 oil and new CH48109 filter. Ground ran engine no leaks or defects noted.</p> <p><i>Brian J. Ozark</i> Brian J Ozark A/P 041640790</p>																	

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
	N: 1039	Make: TCM	Model: IO550 N7	S/N: 686807	
	RM: 373.1	ACTT: 373.1	Eng TT: 0.0	ENG SOH: 0.0	
COMPLETED ANNUAL INSPECTION, COMPRESSION CHECK #1 70/80, #2 70/80, #3 70/80, #4 74/80, #5 70/80, #6 74/80. REMOVED OIL FILTER, INSPECTED THE CARTRIDGE, THEN INSTALLED A NEW FILTER.					
<small>THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.</small>					
	W/O: 5033	Signed: <i>[Signature]</i>	Date: 4/8/05		
	Tri-State Aero, Inc.	CRS AHTR102C	6101 Flightline Dr.	Evansville, IN 47725	



MIRACLE STRIP AVIATION

Destin Airport
 1001 Airport Road
 P.O. Box 159
 Destin Florida 32540
 Anti-Drug/Alcohol Plan # B-S0-00156S

N# 1039 Tach/Hobbs: 399.7 Except as stated below, no other work, inspection, corrective action or determination of airworthiness was made at this time.

Description of work performed: REPLACED #4 CYL. BOTTOM SPARK PLUG
INSTALLED NEW CHAMPION SPARK PLUG P/N
RHB 32E RAN ENGINE LK & OPS CK GOOD IAW
MANF. MAINT. MAN.

Signed: *[Signature]* Cert #: 3046166 Date: 28 MAY 05

August 29, 2005	446	9	446	9	On This date, drained oil and inspected filter, took oil sample. Installed new ES48109 filter and added 8qt. ArcoShell 15W50 oil. Cleaned spark plugs and replaced #4 cyl. plug with serviceable Champion P/N RHB 32E spark plug. Ground ran engine, no leaks were noted. John P Beardslee AWP 3060156 <i>[Signature]</i>
NOVEMBER 30 2005	477	3	477	3	ON THIS DATE CHECKED COMP #4 CYL. 75/80 CLEANED LAPPED SPARK PLUGS #4 CYLINDER. CLEANED INTAKE #4 CYLINDER. CRANKED CONVECTORS & 4 CHT TERMINALS. LK & RAN ENGINE CHT INDICATES NORMAL ENGINE RETURNED TO SERVICE FOR WORK PERFORMED ONLY. <i>[Signature]</i> AWP 3041640790

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
January 18, 2006	500	9	500	9	On this date, drained oil and inspected filter, took oil sample. Installed CH48109 oil filter and added 8 qts. of Aeroshell 15W50 oil. Ground ran engine, no leaks noted. Aircraft approved for return to service for work performed only. John P Beardslee AWP 3060156 J P Beardslee

OZARK AIRCRAFT MAINTENANCE LLC
 CAPE GIRARDEAU REGIONAL AIRPORT
 CAPE GIRARDEAU MO

May 5, 2006 Cirrus N1039 SR22 S/N 470

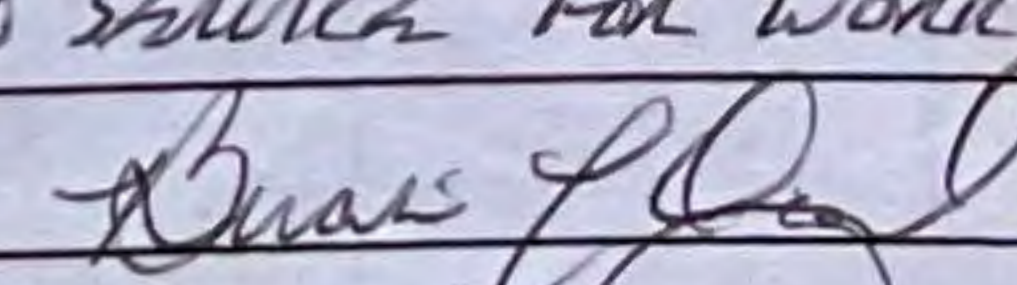
Continental IO-550-N7 S/N 686807

Hobbs 585.7 Total time 585.7

On this date drained oil and inspected filter. Added 8 qts Aeroshell 15W50 and 1 ~~CH48110~~ ^{AA48109} 6N filter. Performed compression check 1.70/80 2.65/80 3.65/80 4.66/80 5. 65/80 6. 66/80. Cleaned, gapped, tested spark plugs. Removed and cleaned injectors and installed using new orings and washers. Checked magneto timing. Installed new BA24 Bracket air filter. Cleaned all CHT and EAT terminals. Ground ran engine no leaks noted.

I certify that this engine has been inspected IAW
 With a 100 hour inspection and was determined
 to be in an airworthy condition.


 Brian J Ozark APO41640790IA

August 9, 2006	635	7	635	7	On this date, drained oil and inspected filter, took oil sample. Installed LH 48109 oil filter and added 8 qts. Aeroshell 15W50 oil. Cleaned #3 spark plugs. Ground ran engine, no leaks noted. Engine approved for return to service for work performed only. John P Beardslee AP 3060156 J P Beardslee
OCTOBER 23 2006	662	2	662	2	ON THIS DATE REMOVED TCM INJECTORS PIN 652312 AND INSTALLED GAM INJECTORS KIT NO T16550-12E SIN 15715 IAW SFC SE 99635L SEE FORM 337 THIS DATE ENGINE RETURNED TO SERVICE FOR WORK PERFORMED ONLY.  BRIAN J OZARK APO41640790

Maintenance Record

Modifications, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

1-20-2006	678	7	678	7	ON THIS DATE DRAINED OIL AND INSPECTED FILTER. DODDED 8 QTS 15W50 AEROSHELL AND 1 CH48109 FILTER. TOOK OIL SAMPLE. INSTALLED NEW ELT PROBE #6 CYLINDER. GROUND RUN ENGINE ELT OPERATION NORMAL NO LEAKS NOTED
February 13, 2007	680	7	680	7	On this date removed prop governor, sent to Quality Aircraft Accessories for repair CR# QYIR 3347. Reinstalled after repair. WO 50708 dated 2-9-07. Ground run & leak checked, operation normal, no leaks noted

OZARK AIRCRAFT MAINTENANCE LLC

CAPE GIRARDEAU REGIONAL AIRPORT
CAPE GIRARDEAU MO

June 12, 2007 Cirrus N1039 SR22 S/N 470
Continental IO-550-N7 S/N 686807
Hobbs 703.6 Total time 703.6

On this date drained oil and inspected filter. Added 8 qts Aeroshell 15W50 and 1 ~~CH48110~~ ^{CH48109} 1 qt filter. Performed compression check 1.68/80 2.69/80 3.68/80 4.67/80 5. 68/80 6. 68/80. Cleaned, gapped, tested spark plugs. Inspected exhaust, fuel, intake, cooling systems for leaks, cracks, corrosion. Checked magneto timing. Cleaned CHT connections. Repaired baffle #1 cylinder. Replaced 1 each adel clamp RH engine mount. Repaired spark plug lead #5 top cylinder. Installed new bracket air filter element. Ground ran engine no leaks noted.

I certify that this engine has been inspected IAW
With a 100 hour inspection and was determined
to be in an airworthy condition.

Brian J Ozark
Brian J Ozark AP041640790IA

July 2, 2007	752	6	752	6	On this date, drained oil and inspected filter, Took oil sample. Added 8 quarts of Aeroshell 15W50 and one AH48109 oil filter. Ground ran engine, no leaks noted. Aircraft returned to service for work performed only.
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1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: QAA# 38317	
4. Organization Name and Address:		Quality Aircraft Accessories Inc. (QYIR334Y) Phone: 1-877-833-6948 5746 E. Apache 918-835-6948 Tulsa, OK 74115 Fax: 918-835-2804				5. Work Order/Invoice Number INV # 50708	
6. Item	7. Description	8. Part Number	9. Eligibility*	10. QTY	11. Serial/Batch Number	12. Status/Work	
1	GOVERNOR	D210760	(VARIOUS)	1	00315	FLUSH & RESEAL	
13. Remarks: <p>The work identified in Block 12 and described in Block 13 except as otherwise specified was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA acceptance Certificate number EASA 145.5982</p> <p>See Attached Work Order Summary for details. (2) pages (MECH: JM)</p>							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:	
				 David Dutton		QYIR334Y	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
				David Dutton		02-09-07	

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



Miracle Strip Aviation

1001 Airport Road
Destin, Florida 32540
Anti-Drug/Alcohol Plan #B-SO-00156S
CRS#DZJR423D

N# 1039 Hobbs: 836.5

except as stated below, no other work, inspection, Corrective action or determination of Airworthiness was made at this time.

Description of work performed:

REMOVED AND REPLACED #1 ALTERNATOR WITH OVERHAULED UNIT P/N 646843 S/N 005JA242 SEE FORM 8130-3 DATED 09/07/07 WO# 57508 CRS# QXIR334Y. Engine Ground Run & OPS checked Good. F/A/W mfr m.m.

Maintenance Release: The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance was Repaired and Inspected In Accordance With Current Regulations of the FAA Administration and is approved for return to service.

Signed: [Signature] CRS#DZJR423D

WO# 50-07-0592 Date: 12-5-07

APRIL 24 2008	884	7	884	7	ON THIS DATE DRAINED OIL AND INSP FILTER. TOOK OIL SAMPLE. ADDED 17 QBS AERUSHELL 15W50 OIL AND 1 AA48109 FILTER. PLEN OUT PROP ANTI ICE LINE FROM FIREWALL TO SLINGER RING OPS CHECK OIL, GROUND RAN ENGINE NO LEAKS NOTED.
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[Signature]
BRIAN J DEAN APO41640790

5-22-09	977	7	977	7	ON THIS DATE DRAINED OIL INSP FILTER. ADDED 9 QBS AERUSHELL 15W50 AND 1 AA48109 FILTER CLEAN, GAPPED, TESTED SPARK PLUGS. CHECK COMPRESSION 1. 45/80 2. 75/80 3. 73/80 4. 70/80 5. 70/80 72/80 DRESSED PROP BLADES. GROUND RAN ENGINE NO LEAKS NOTED.
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[Signature] APO41640790

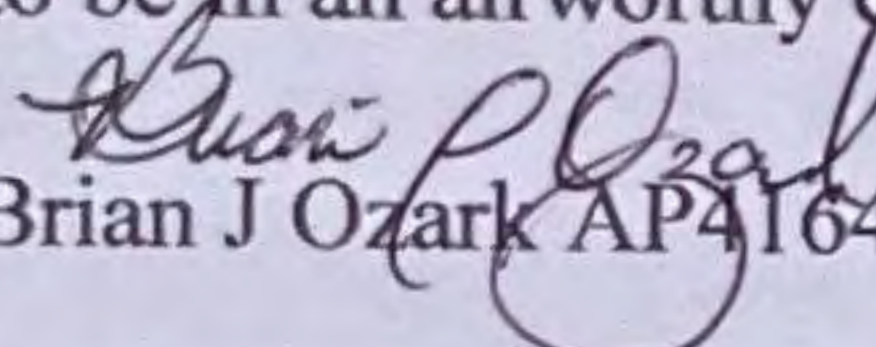
Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

OZARK AIRCRAFT MAINTENANCE LLC
 CAPE GIRARDEAU REGIONAL AIRPORT
 CAPE GIRARDEAU MO

October 5, 2011 Cirrus N1039 SR22 S/N 470
 Continental IO-550-N7 S/N 686807
 Hobbs 1201.6 Total time 1201.6

On this date drained oil and inspected filter. Added 8 qts Aeroshell 15W50 and 1 AA48109-1 filter. Performed compression check 1.74/80 2.70/80 3.70/80 4.71/80 5. 72/80 6. 78/80. Installed all new URHB32S spark plugs. Checked magneto timing and tested spark plug leads. Removed injectors and sent to GAMI for clean and flow check. Reinstalled and torqued. Cleaned gascolator screen. Leak checked fuel system. Installed new bracket air filter element. Ground ran engine no leaks noted.

I certify that this engine has been inspected IAW FAR 43 App (d) a 100 hour inspection and was determined to be in an airworthy condition.


 Brian J Ozark AP41640790

OZARK AIRWORKS, INC.

185 Taxiway Place
 Midway, AR. 72651
 (870 481-5456)

Date 12/12/12

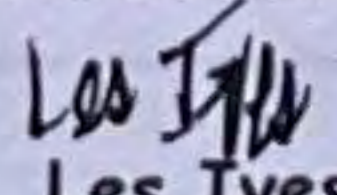
Engine: Continental IO-550 N7

Engine Serial No: 686807

SMOH: 1357.0, Tach: 1357.0

Annual inspection completed this date. This inspection procedure meets the criteria of FAR 43.13 appendix (d) and Continent engines, maintenance and service data.. Compression test 1. - 60/80, 2. - 66/80, 3. - 60/80, No.4. - 64/80, 5. - 72/80, 6. - 70/80. Changed oil and filter, serviced with 8 quarts of 20W/50 Phillips X/C engine oil and a 48109-1 oil filter, cut filter no contaminants found. Removed and replaced oil quick drain plug with new quick drain, P/N S6250. Repaired blast tube to fuel pump bracket by welding. Found left muffler inner baffle distorted and cracked, removed and replaced with new muffler, P/N 14836-001. Removed and replaced air filter, P/N BA-24. Ran engine, no discrepancies or leaks noted. All AD notes pertinent to this engine are listed in the compliance report and have been complied with. Details of work completed are on file at agency under work order No. OZA - 2886.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.


 Les Ives, A/P - 489486318 - I/A

Engine was OK @ 367.3
 After hitting tow bar

Date

Total Time

Time Since
Last Overhaul

Hrs.

Min.

Hrs.

Min.

Engine Service and Maintenance RecordInstallations, Inspections, Airworthiness Directives, Special Inspections,
Modifications and Service Bulletins

Hobbs time 1419.5

Engine Log

Total Time 1419.5

Changed oil engine serviced with 8 Qts shell 15W -50 , replaced oil filter
P/N AA48109 , Performed compression check 1-76/80 2-72/80 3-72/80
4-60/80 5-78/80 6-72/80, replaced air filter P/N BA24. Inspected all items
referenced in maintenance manual Chapter 05 Items, 5-20 by visual inspection
Engine, Engine test run and checked for oil leaks Engine was determined to be
airworthy after test run Engine returned to service.

I certify that this engine has been inspected in accordance with and annual
inspetion
and was detemined to be in airworthy condition

Date Nov.7,2013

[Signature]
Roland Bronson
2333210 IA

engine Log

Hobbs Time 1498.3

Total Time engine 1498.3

TSMO 1131.0

Changed oil engine serviced with 8Qts shell15w-50 replaced oil filter
P/N 48109,Cleaned and gaped plugs Checked Comp. 1/76/80,2/78/80, 3/62/80
4/60/80,5/72/80,672/80,inspected engine in accordance with 5/20,12/20
oil screen 5/20,oil sump plug oil filter 12/20,oil lines and fittings
5/20,oil cooler fins 5/20,battery 12/10,wiring 5/20,cylinders for cracks
engine baffling 5/20,air intake ducts,5/20 alternate air door,71/60
fuel pump/ fuel nozzles,5/20,fuel lines/throttle prop, mixture contol
5/20 exhust system, 78/20 items 30,31,32,33,34,35,36,38,40,repairred
wire to MP sensor test run engine checked for oil leaks engine retuned
to service after inspection.

-----last Item-----

I certify that this engine has been inspected in accordance with and
annual inspection and wsa found to be in airworthy condition

[Signature]
Roland Bronson

2333210IA

Date,Oct,7.2014



LACONIA MUNICIPAL AIRPORT

118 KIMBALL ROAD

GILFORD, NH 03249

603-293-0300

ENGINE ENTRY

N8385G HOBBS: 1537.8 APRIL 23, 2015

Hobbs
1537.8
4-23-2015

REPLACED #3 EGT PROBE; 500HR MAGNETO INSPECTION DUE; CLEAN CONTACT POINTS AND DISTRIBUTOR BLOCK ROTOR
CONTACTS; RE-INSTALL AND TIME MAGNETOS TO ENGINE; OIL DRAINED, SUCTION SCREEN CHECKED, FILTER REPLACED,
REFILLED WITH 9QTS AEROSHELL 15W50; RETURN THIS ENGINE TO SERVICE IN REGARDS TO THE WORK PERFORMED.

[Signature]
A&P3474976
CHRIS CLAYTON

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward

engine Log

Hobbs Time 1547.1 Total Time engine 1547.1 TSMO 1179.8
 Changed oil engine serviced with 8Qts shell15w-50 replaced oil filter
 P/N 48109, Cleaned and gaped plugs Checked Comp. 1/76/80, 2/78/80, 3/62/80
 4/60/80, 5/72/80, 6/72/80, inspected engine in accordance with 5/20, 12/20
 oil screen 5/20, oil sump plug oil filter 12/20, oil lines and fittings
 5/20, oil cooler fins 5/20, battery 12/10, wiring 5/20, cylinders for cracks
 engine baffling 5/20, air intake ducts, 5/20 alternate air door, 71/60
 fuel pump/ fuel nozzles, 5/20, fuel lines/throttle prop, mixture control
 5/20 exhaust system, 78/20 items 30, 31, 32, 33, 34, 35, 36, 38, 40.
 Test run engine, checked for oil leaks engine returned to service,

-----last Item-----

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

Roland Bronson
 Roland Bronson

2333210IA

Date, 9/24/2015

Engine Log

N 1039 SR22 S/N 470

Total time engine 1607.3

Time since top overhaul 00.0

Removed cylinders due to low compression cylinders replaced with like units,
 Cylinder kit P/N 658624A2, P/N 658624A2, P/N 658624A2, P/N 658624A2,
 P/N 658624A2, P/N 658624A2, Cylinders were complete with rings pistons, new
 valves springs and lock valve spring new rocker arm shaft new piston pins
 installed, P/N SA630046, Installed new Breather Gasket P/N 649965, New
 Gasket on prop governor P/N AA9144, new O, Rings P/N MS9970-116, P/N
 MS9970-117, New alternator Gasket P/N 646565A1, engine serviced with
 7QTS mineral oil, Engine was assembled using Continental overhaul
 Manual dated OCT, 2000, engine was test run and checked for oil leaks
 Engine was returned to service after test run.

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

-----Last Item-----

Roland Bronson
 Roland Bronson



**Continental
Motors**

IMPORTANT - SEE SB15-6

A proprietary nickel carbide electroplating process has been applied to the bore of this cylinder. SB15-6 contains important information regarding ring compatibility, ring gap adjustment, ring installation, especially oil scraper ring orientation, and cylinder airworthiness instructions. The latest revision of Service Bulletin SB15-6 can be found on the Continental Motors Internet web site at <http://continentalmotors.aero>.

10/3/2016	Hobbs	1607.3	
6/24/2016	1588.1		

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				Hobbs
3/8/2017					1637.5 Changed oil + Filter
					8 Qts. 100W - Cam Guard - Filter #48109
					Don Trembley - owner

ENGINE LOG

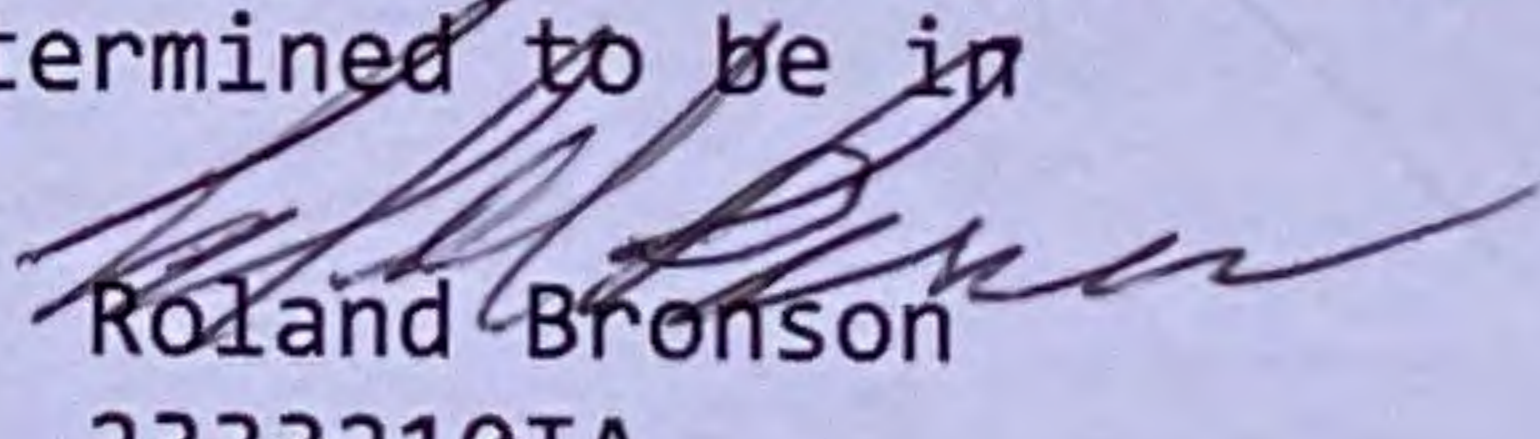
Hobbs Time 1678.0

Time MOH 1310.5

Time TSTOH 70.7

Changed oil Engine serviced with 8 qts Shell 100, Installed new oil fliter P/N AA48108, checked comp. 1/78/80 2/76/80 3/78/80 4/76/80 5/78/80 6/78/80 Cleaned plug, checked Engine controls Repaired crack in Engine baffling, checked muffler for cracks lubed slip joints on exhaust, check alternate air door 71-60 Fuel injection nozzles 5-20, Fuel lines checked 5-20, checked Engine mount for cracks 5-20, Engine mount isolators 5-20 Cabin heat ducts 5-20 Test run Engine checked for oil leaks installed Cowling. Did test flight with aircraft.

-----Last Item-----
 I, certify that this aircraft has been inspected in accordance with and annual inspection and was determined to be in airwothy condition


 Roland Bronson

2333210IA

Date, Sept, 27, 2017

ENGINE LOG

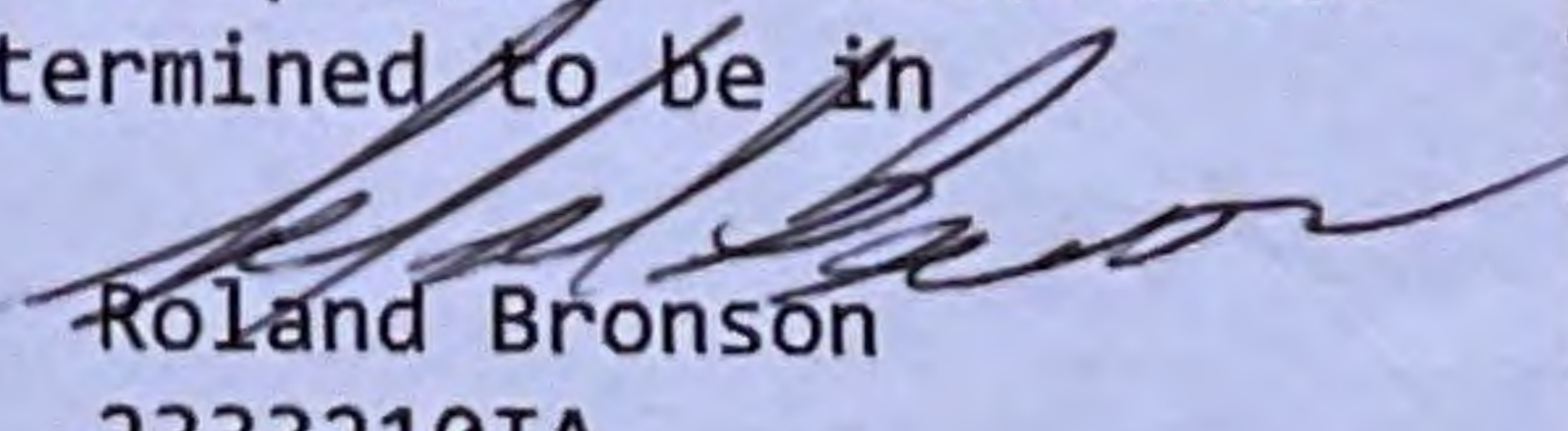
Hobbs Time 1738.5

Time MOH 1310.5

Time TSTOH 131.2

Changed oil Engine serviced with 8 qts Shell 100, Installed new oil fliter P/N AA48108, checked comp. 1/78/80 2/78/80 3/78/80 4/76/80 5/78/80 6/78/80 Cleaned plug, checked Engine controls lubed slip joints on exhaust, check alternate air door 71-60 Fuel injection nozzles 5-20, Fuel lines checked 5-20, checked Engine mount for cracks 5-20, Engine mount isolators 5-20 Cabin heat ducts 5-20 Test run Engine checked for oil leaks.

-----Last Item-----
 I, certify that this aircraft has been inspected in accordance with and annual inspection and was determined to be in airwothy condition


 Roland Bronson

2333210IA

Date, Sept, 20, 2018

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

ENGINE LOG

Hobbs Time 1820.0

Time MOH 1523.2

Time TSTOH 212.7

Changed oil Engine serviced with 7 qts Aero Shell 100, Installed new oil fliter P/N Tempest AA48109, checked comp. 1/78/80 2/78/80 3/78/80 4/76/80 5/78/80 6/78/80 Cleaned plug, checked Engine controls lubed slip joints on exhaust, check alternate air door 71-60 Fuel injection nozzles 5-20, Fuel lines checked 5-20, checked Engine mount for cracks 5-20, Engine mount isolators 5-20 Cabin heat ducts 5-20 Test run Engine checked for oil leaks.

-----Last Item-----
 I, certify that this aircraft has been inspected in accordance with and annual inspection and was determined to be in airwothy condition

Roland Bronson
 Roland Bronson

2333210IA

Date, Sept, 22, 2019



LACONIA MUNICIPAL AIRPORT
 118 KIMBALL ROAD
 GILFORD, NH 03249
 603-293-0800

ENGINE ENTRY

N8388G HOBBS: 1863 JANUARY 14, 2020

REMOVED EXISTING MAGNETOS AND INSTALLED SERVICEABLE MAGNETOS PART NUMBER 10-500556-1 SERIAL NUMBERS D01FA167 RIGHT D01FA171 LEFT; RETURN THIS ENGINE TO SERVICE IN REGARDS TO THE WORK PERFORMED.

Christian Clayton
 CHRISTIAN CLAYTON

A&P3474976

The Above Mags
 WERE NEW @ Time

01/14/2020	1862.4			changed oil, Filter Serviced w/8Qts XC 20/50 Filter #48109.
				Removed & Replaced VERNATHERM PN 657496 AS per Continental Motors SIL10-6A Due to Low oil Temperatures.
				Dan Trembly - OWNER P# 2245285
01/15/2020	1862.4			installed Engine Heater - E-Z Heat Inc. #540 - installed AS per instruction Supplied w/Heater.
9/21/2020				See page 18 for Annual paper work

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



LACONIA MUNICIPAL AIRPORT
118 KIMBALL ROAD
GILFORD, NH 03249
603-293-0800

ENGINE ENTRY

N8388G S/N: 686807 HOBBS: 1956.4 ETT: 1956.4 SMOH: 1956.4 SEPTEMBER 14, 2022
 COMPRESSIONS 1) 74/80 2) 74/80 3) 78/80 4) 72/80 5) 72/80 6) 77/80; OPERATIONAL RUN-UP AND LEAK CHECK GOOD.
 INSPECTED THIS ENGINE IAW **100HR** APPROVED INSPECTION CHECKLIST AND FAR 43 APPENDIX D. RETURN THIS
 ENGINE TO SERVICE IN REGARDS TO THE WORK PERFORMED.

PCGT
CHRISTIAN CLAYTON A&P3474976

ENGINE ENTRY

N8388G S/N: 686807 HOBBS: 1956.4 ETT: 1956.4 SMOH: 1956.4 SEPTEMBER 14, 2022

I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN **ANNUAL** INSPECTION AND HAS
 BEEN FOUND TO BE AIRWORTHY AND RETURN IT TO SERVICE.

PCGT
CHRISTIAN CLAYTON 34749761A

Preventive Maintenance

9/01/2023 Hobbs 1994.2 **N8388G**

Changed engine oil and filter, serviced with 8ts. Aeroshell 100W oil
 Filter #A48109. Cleaned and gapped 12 Spark plugs replaced air filter.
 Checked, cleaned and serviced battery and connections, filled brake master cyl
 Checked all engine Controls and lubricated. Checked all maintenance
 items as per Cirrus 5-20
 Test ran checked for leaks.

Don Trumbly owner 2245285



LACONIA MUNICIPAL AIRPORT
118 KIMBALL ROAD
GILFORD, NH 03249
603-293-0800

ENGINE ENTRY

N8388G S/N: 686807 HOBBS: 1994.3 ETT: 1994.3 SMOH: 1994.3 SEPTEMBER 1, 2023
 RETORQUED ALL INTAKE PIPE COUPLING HOSE CLAMPS; COMPRESSIONS 1) 75/80 2) 73/80 3) 77/80 4) 75/80 5) 74/80
 6) 77/80; OPERATIONAL RUN-UP AND LEAK CHECK GOOD. INSPECTED THIS ENGINE IAW **100HR** APPROVED
 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. RETURN THIS ENGINE TO SERVICE IN REGARDS TO THE WORK
 PERFORMED.

PCGT
CHRISTIAN CLAYTON A&P3474976

ENGINE ENTRY

N8388G S/N: 686807 HOBBS: 1994.3 ETT: 1994.3 SMOH: 1994.3 SEPTEMBER 1, 2023

I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN **ANNUAL** INSPECTION AND HAS
 BEEN FOUND TO BE AIRWORTHY AND RETURN IT TO SERVICE.

PCGT
CHRISTIAN CLAYTON 34749761A

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

ENGINE LOG

Hobbs Time 1874.6 Time MOH 1577.2 Time TSTOH 267.3

Changed oil Engine serviced with 7 qts Aero Shell 100, Installed new oil fliter P/N Tempest AA48109, checked comp. 1/74/80 2/78/80 3/74/80 4/70/80 5/66/80 6/80/80 Cleaned plug, checked Engine controls lubed slip joints on exhaust, check alternate air door 71-60 Fuel injection nozzles 5-20, Fuel lines checked 5-20, checked Engine mount for cracks 5-20, Engine mount isolators 5-20 Cabin heat ducts 5-20 Test run Engine checked for oil leaks.

-----Last Item-----
I, certify that this aircraft has been inspected in accordance with and annual inspection and was determined to be in airwothy condition

Roland Bronson
Roland Bronson

2333210IA

Date, Sept, 21, 2020



LACONIA MUNICIPAL AIRPORT
118 KIMBALL ROAD
GILFORD, NH 03249
603-293-0800

ENGINE ENTRY

N8388G S/N: 686807 HOBBS: 2030.5 ETT: 2030.5 SMOH: 2030.5 OCTOBER 2, 2024

REPLACED LEFT MUFFLER; COMPRESSIONS 1) 70/80 2) 65/80 3) 74/80 4) 72/80 5) 70/80 6) 65/80; OPERATIONAL RUN-UP AND LEAK CHECK GOOD. INSPECTED THIS ENGINE IAW 100HR APPROVED INSPECTION CHECKLIST AND FAR 43 APPENDIX D. RETURN THIS ENGINE TO SERVICE IN REGARDS TO THE WORK PERFORMED.

Christian Clayton
CHRISTIAN CLAYTON

A&P3474976

ENGINE ENTRY

N8388G S/N: 686807 HOBBS: 2030.5 ETT: 2030.5 SMOH: 2030.5 OCTOBER 2, 2024

I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE AIRWORTHY AND RETURN IT TO SERVICE.

Christian Clayton
CHRISTIAN CLAYTON

3474976IA

Preventive Maintenance

9/25/2024 Hobbs 2030.4

- Changed engine oil and filter, serviced with 8ts. Phillips 20/50 oil
 - Filter #A48109. Cleaned and gapped 12 Spark plugs replaced air filter BA-24
 - Checked, cleaned and serviced battery and connections, filled brake master cy
 - Checked all engine Controls and lubricated. Checked all maintenance items as per Cirrus 5-20 Test ran checked for leaks.
- Dan Trombly owner PPL #2245285

Dan Trombly

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Hobbs time 1419.5

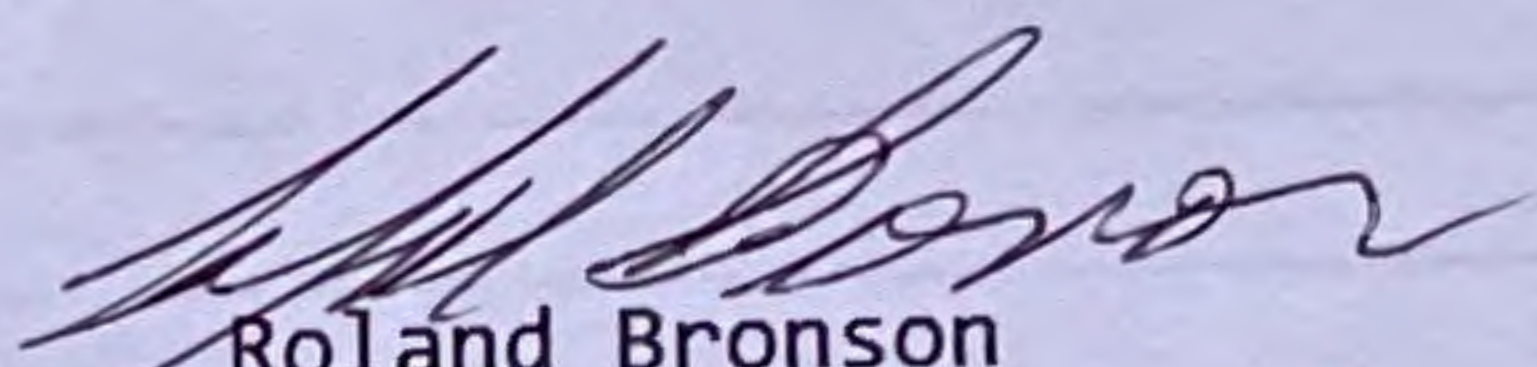
Engine Log

Total Time 1419.5

Changed oil engine serviced with 8 Qts shell 15W -50 , replaced oil filter P/N AA48109 , Performed compression check 1-76/80 2-72/80 3-72/80 4-60/80 5-78/80 6-72/80, replaced air filter P/N BA24. Inspected all items referenced in maintenance manual Chapter 05 Items, 5-20 by visual inspection Engine, Engine test run and checked for oil leaks Engine was determined to be airworthy after test run Engine returned to service.

I certify that this engine has been inspected in accordance with and annual inspetion and was detemined to be in airworthy condition

Date Nov.7,2013



Roland Bronson
 2333210 IA

engine Log

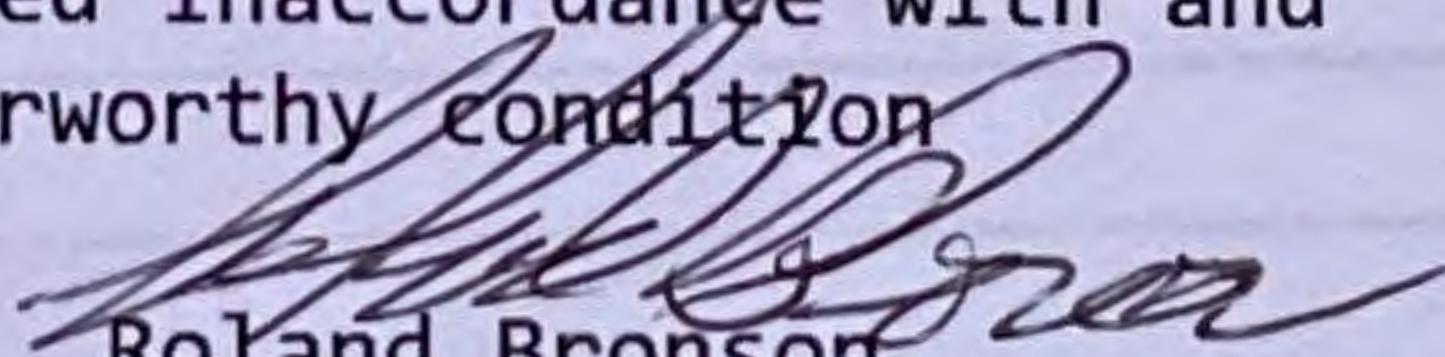
Hobbs Time 1498.3

Total Time engine 1498.3

TSMO 1131.0

Changed oil engine serviced with 8Qts shell15w-50 replaced oil filter P/N 48109,Cleaned and gaped plugs Checked Comp. 1/76/80,2/78/80, 3/62/80 4/60/80,5/72/80,672/80,inspected engine in accordance with 5/20,12/20 oil screen 5/20,oil sump plug oil filter 12/20,oil lines and fittings 5/20,oil cooler fins 5/20,battery 12/10,wiring 5/20,cylinders for cracks engine baffling 5/20,air intake ducts,5/20 alternate air door,71/60 fuel pump/ fuel nozzles,5/20,fuel lines/throttle prop, mixture contol 5/20 exhust system, 78/20 items 30,31,32,33,34,35,36,38,40,repaired wire to MP sensor test run engine checked for oil leaks engine retuned to service after inspection.

-----last Item-----
 I certify that this engine has been inspected inaccordance with and annual inspection and wsa found to be in airworthy condition



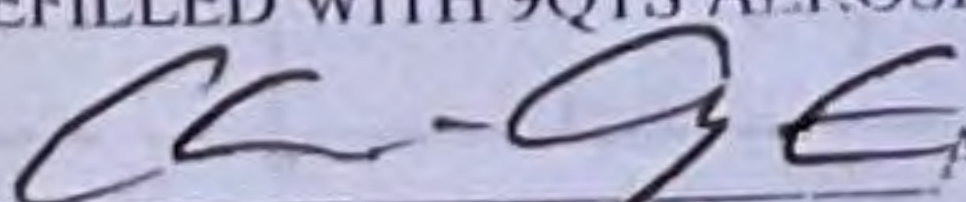
Roland Bronson
 2333210IA
 Date,Oct,7.2014



LACONIA MUNICIPAL AIRPORT
 118 KIMBALL ROAD
 GILFORD, NH 03249
 603-293-0300
 ENGINE ENTRY
 N8388G HOBBS: 1537.8 APRIL 23, 2015

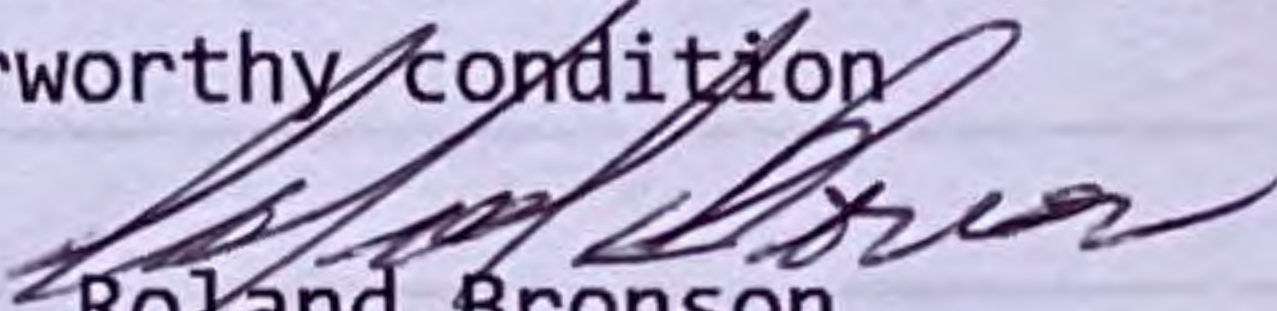
Hobbs
 1537.8
 4-23-2015

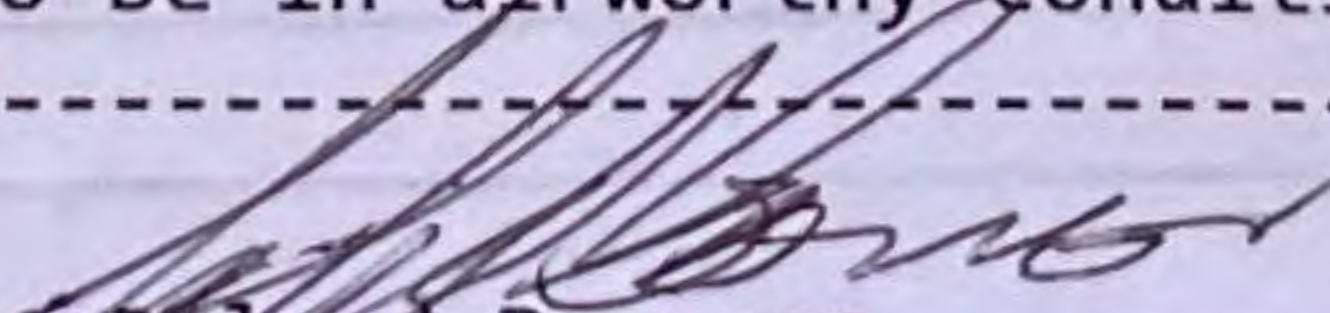
REPLACED #3 EGT PROBE; 500HR MAGNETO INSPECTION DUE; CLEAN CONTACT POINTS AND DISTRIBUTOR BLOCK ROTOR CONTACTS; RE-INSTALL AND TIME MAGNETOS TO ENGINE; OIL DRAINED, SUCTION SCREEN CHECKED, FILTER REPLACED, REFILLED WITH 9QTS AEROSHELL 15W50; RETURN THIS ENGINE TO SERVICE IN REGARDS TO THE WORK PERFORMED.



A&P3474976
 CHRIS CLAYTON

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

engine Log Hobbs Time 1547.1 Total Time engine 1547.1 TSMO 1179.8 Changed oil engine serviced with 8Qts shell15w-50 replaced oil filter P/N 48109,Cleaned and gaped plugs Checked Comp. 1/76/80,2/78/80, 3/62/80 4/60/80,5/72/80,6/72/80,inspected engine in accordance with 5/20,12/20 oil screen 5/20,oil sump plug oil filter 12/20,oil lines and fittings 5/20,oil cooler fins 5/20,battery 12/10,wiring 5/20,cylinders for cracks engine baffling 5/20,air intake ducts,5/20 alternate air door,71/60 fuel pump/ fuel nozzles,5/20,fuel lines/throttle prop, mixture contol 5/20 exhust system, 78/20 items 30,31,32,33,34,35,36,38,40. Tess run engine,checked for oil leaks engine returne to service, -----last Item----- I certify that this engine has been inspected in accordance with and annual inspection and wsa found to be in airworthy condition <div style="text-align: right;">  Roland Bronson 2333210IA Date,9/24/2015 </div>				
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Engine Log N 1039 SR22 S/N 470 Total time engine 1607.3 Time since top overhaul 00.0 Removed cylinders due to low compression cylinders replace with like units, Cylinder kit P/N 658624A2,P/N 658624A2,P/N 658624A2,P/N 658624A2, P/N658624A2,P/N 658624A2,Cylinders were complete with rings pistons, new valves springs and lock valve spring new rocker arm shaft new piston pins installed, P/N SA630046,Installed new Breather Gasket P/N 649965,New Gasket on prop covernor P/N AA9144,new O, Rings P/N MS9970-116,P/N MS9970-117,New alternator Gasket P/N 646565A1,engine sercviced with 7QTS mineral oil,Engine was assembeled useing Continental overhaul Manual dated OCT,2000,engine was test run and checked for oil leaks Engine was retuned to srvice after test run. I certify that this engine has been inspected in accordance with and annual inspection and was detrmned to be in airworthy condition -----Last Item----- <div style="text-align: right;">  Roland Bronson </div>				
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10/3/2016	Hobbs	1607.3	
6/24/2016	1588.1		



**Continental
Motors**

IMPORTANT - SEE SB15-6

A proprietary nickel carbide electroplating process has been applied to the bore of this cylinder. SB15-6 contains important information regarding ring compatibility, ring gap adjustment, ring installation, especially oil scraper ring orientation, and cylinder airworthiness instructions. The latest revision of Service Bulletin SB15-6 can be found on the Continental Motors Internet web site at [http:// continentalmotors.aero](http://continentalmotors.aero).

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				Hobbs
3/8/2017					1637.5 Changed oil + Filter
					8 Qts. 100W - CAM guard - Filter #48109
					Dan Trembley - owner

ENGINE LOG

Hobbs Time 1678.0

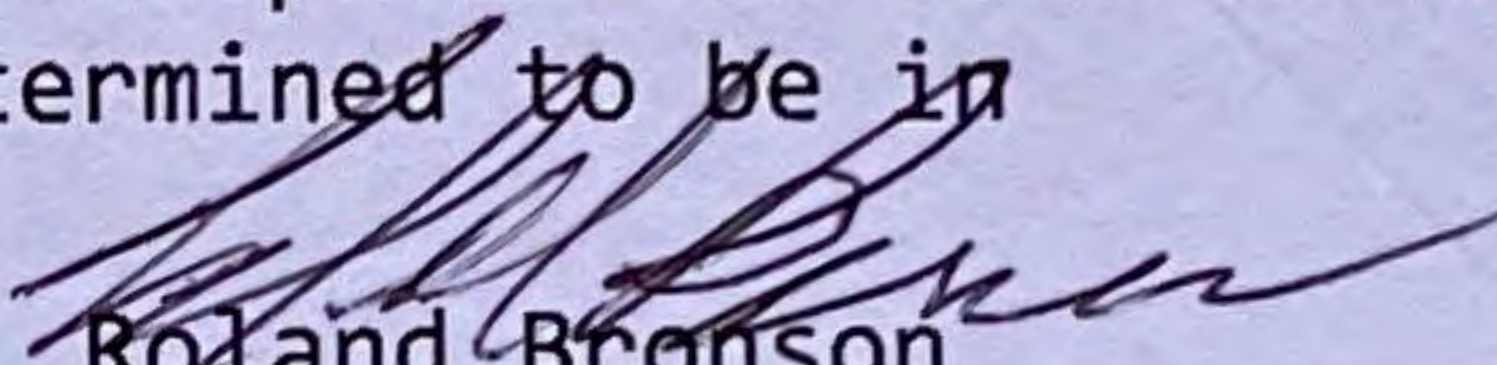
Time MOH 1310.5

Time TSTOH 70.7

Changed oil Engine serviced with 8 qts Shell 100, Installed new oil fliter P/N AA48108, checked comp. 1/78/80 2/76/80 3/78/80 4/76/80 5/78/80 6/78/80 Cleaned plug, checked Engine controls Repaired crack in Engine baffling, checked muffler for cracks lubed slip joints on exhaust, check alternate air door 71-60 Fuel injection nozzles 5-20, Fuel lines checked 5-20, checked Engine mount for cracks 5-20, Engine mount isolators 5-20 Cabin heat ducts 5-20 Test run Engine checked for oil leaks installed Cowling. Did test flight with aircraft.

-----Last Item-----

I, certify that this aircraft has been inspected in accordance with and annual inspection and was determined to be in airwothy condition



Roland Bronson
 2333210IA
 Date, Sept, 27, 2017

ENGINE LOG

Hobbs Time 1738.5

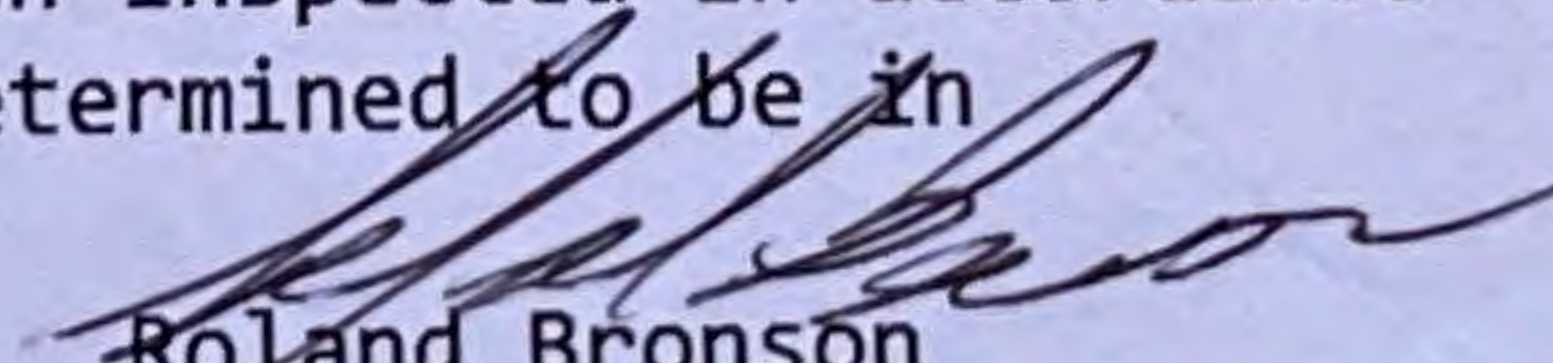
Time MOH 1310.5

Time TSTOH 131.2

Changed oil Engine serviced with 8 qts Shell 100, Installed new oil fliter P/N AA48108, checked comp. 1/78/80 2/78/80 3/78/80 4/76/80 5/78/80 6/78/80 Cleaned plug, checked Engine controls lubed slip joints on exhaust, check alternate air door 71-60 Fuel injection nozzles 5-20, Fuel lines checked 5-20, checked Engine mount for cracks 5-20, Engine mount isolators 5-20 Cabin heat ducts 5-20 Test run Engine checked for oil leaks.

-----Last Item-----

I, certify that this aircraft has been inspected in accordance with and annual inspection and was determined to be in airwothy condition



Roland Bronson
 2333210IA
 Date, Sept, 20, 2018

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

ENGINE LOG

Hobbs Time 1820.0

Time MOH 1523.2

Time TSTOH 212.7

Changed oil Engine serviced with 7 qts Aero Shell 100, Installed new oil fliter P/N Tempest AA48109, checked comp. 1/78/80 2/78/80 3/78/80 4/76/80 5/78/80 6/78/80 Cleaned plug, checked Engine controls lubed slip joints on exhaust, check alternate air door 71-60 Fuel injection nozzles 5-20, Fuel lines checked 5-20, checked Engine mount for cracks 5-20, Engine mount isolators 5-20 Cabin heat ducts 5-20 Test run Engine checked for oil leaks.

-----Last Item-----

I, certify that this aircraft has been inspected in accordance with and annual inspection and was determined to be in airwothy condition

Roland Bronson
Roland Bronson

2333210IA

Date, Sept, 22, 2019



LACONIA MUNICIPAL AIRPORT

118 KIMBALL ROAD

GILFORD, NH 03249

603-293-0800

ENGINE ENTRY

N8388G HOBBS: 1863 JANUARY 14, 2020

REMOVED EXISTING MAGNETOS AND INSTALLED SERVICEABLE MAGNETOS PART NUMBER 10-500556-1 SERIAL NUMBERS D01FA167 RIGHT D01FA171 LEFT; RETURN THIS ENGINE TO SERVICE IN REGARDS TO THE WORK PERFORMED.

Christian Clayton
CHRISTIAN CLAYTON

A&P3474976

The Above Mags
WERE NEW @ Time

01/14/2020	1862.4			changed oil, Filter Serviced w/8Qts XC 20/50 Filter #48109.
				Removed & Replaced Vernatherm PN 657496 AS per Continental Motors SIL10-6A Due to Low oil Temperatures.
				Dan Troumble - OWNER P# 2245285
01/15/2020	1862.4			installed Engine Heater - E-Z Heat Inc. #540 - installed AS per instruction Supplied w/Heater.
9/21/2020				See page 18 of Annual paper work

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



LACONIA MUNICIPAL AIRPORT
118 KIMBALL ROAD
GILFORD, NH 03249
603-293-0800

ENGINE ENTRY

N8388G S/N: 686807 HOBBS: 1956.4 ETT: 1956.4 SMOH: 1956.4 SEPTEMBER 14, 2022
 COMPRESSIONS 1) 74/80 2) 74/80 3) 78/80 4) 72/80 5) 72/80 6) 77/80; OPERATIONAL RUN-UP AND LEAK CHECK GOOD.
 INSPECTED THIS ENGINE IAW **100HR** APPROVED INSPECTION CHECKLIST AND FAR 43 APPENDIX D. RETURN THIS
 ENGINE TO SERVICE IN REGARDS TO THE WORK PERFORMED.

Christ
CHRISTIAN CLAYTON A&P3474976

ENGINE ENTRY

N8388G S/N: 686807 HOBBS: 1956.4 ETT: 1956.4 SMOH: 1956.4 SEPTEMBER 14, 2022

I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN **ANNUAL** INSPECTION AND HAS
 BEEN FOUND TO BE AIRWORTHY AND RETURN IT TO SERVICE.

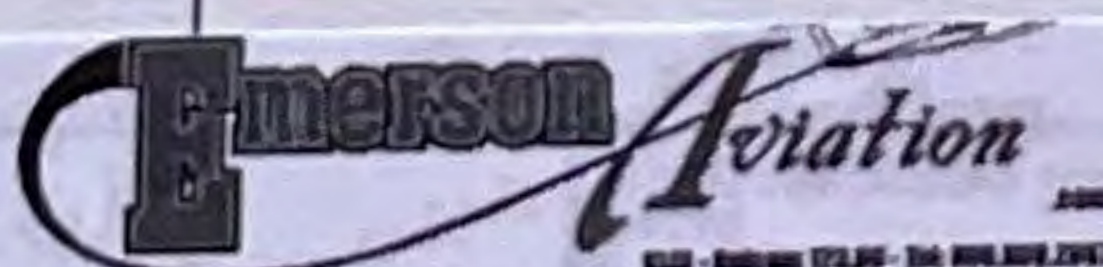
Christ
CHRISTIAN CLAYTON 3474976IA

Preventive Maintenance

9/01/2023 Hobbs 1994.2 **N8388G**

Changed engine oil and filter, serviced with 8ts. Aeroshell 100W oil
 Filter #A48109. Cleaned and gapped 12 Spark plugs replaced air filter.
 Checked, cleaned and serviced battery and connections, filled brake master cyl
 Checked all engine Controls and lubricated. Checked all maintenance
 items as per Cirrus 5-20
 Test ran checked for leaks.

Don Trombley owner 2245285



LACONIA MUNICIPAL AIRPORT
118 KIMBALL ROAD
GILFORD, NH 03249
603-293-0800

ENGINE ENTRY

N8388G S/N: 686807 HOBBS: 1994.3 ETT: 1994.3 SMOH: 1994.3 SEPTEMBER 1, 2023
 RETORQUED ALL INTAKE PIPE COUPLING HOSE CLAMPS; COMPRESSIONS 1) 75/80 2) 73/80 3) 77/80 4) 75/80 5) 74/80
 6) 77/80; OPERATIONAL RUN-UP AND LEAK CHECK GOOD. INSPECTED THIS ENGINE IAW **100HR** APPROVED
 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. RETURN THIS ENGINE TO SERVICE IN REGARDS TO THE WORK
 PERFORMED.

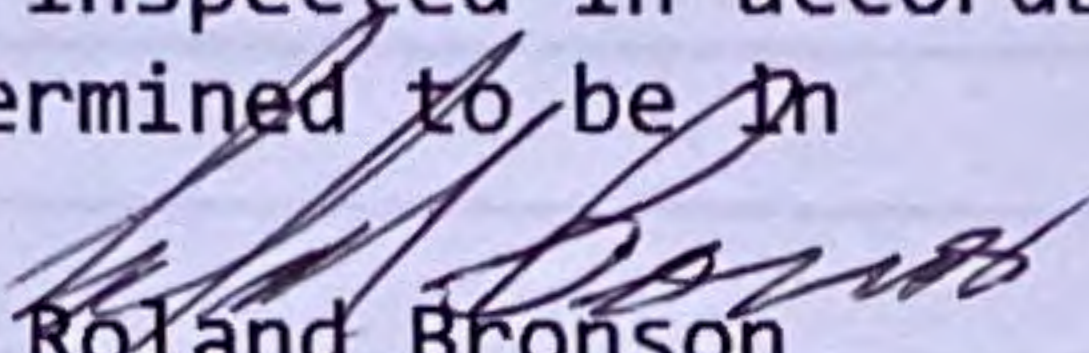
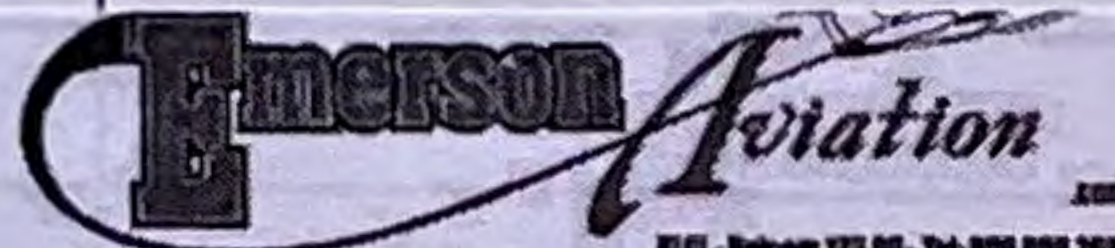
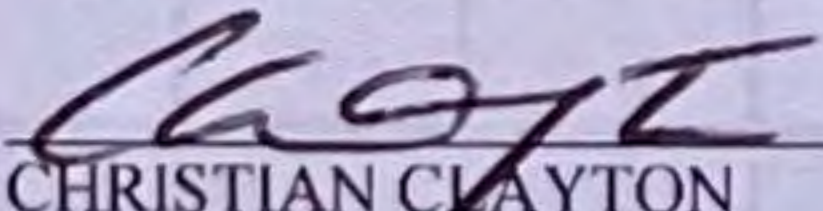
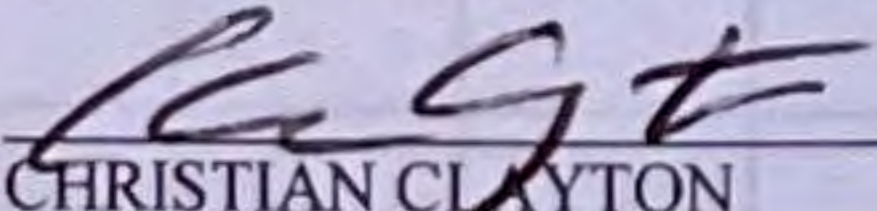
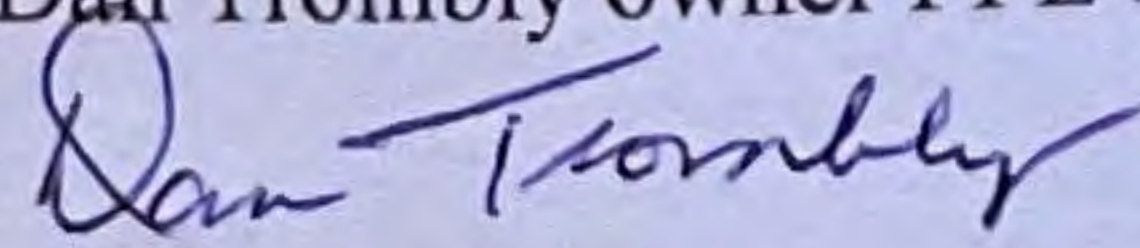
Christ
CHRISTIAN CLAYTON A&P3474976

ENGINE ENTRY

N8388G S/N: 686807 HOBBS: 1994.3 ETT: 1994.3 SMOH: 1994.3 SEPTEMBER 1, 2023

I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN **ANNUAL** INSPECTION AND HAS
 BEEN FOUND TO BE AIRWORTHY AND RETURN IT TO SERVICE.

Christ
CHRISTIAN CLAYTON 3474976IA

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
ENGINE LOG Hobbs Time 1874.6 Time MOH 1577.2 Time TSTOH 267.3 Changed oil Engine serviced with 7 qts Aero Shell 100, Installed new oil fliter P/N Tempest AA48109, checked comp. 1/74/80 2/78/80 3/74/80 4/70/80 5/66/80 6/80/80 Cleaned plug, checked Engine controls lubed slip joints on exhaust, check alternate air door 71-60 Fuel injection nozzles 5-20, Fuel lines checked 5-20, checked Engine mount for cracks 5-20, Engine mount isolators 5-20 Cabin heat ducts 5-20 Test run Engine checked for oil leaks. -----Last Item----- I, certify that this aircraft has been inspected in accordance with and annual inspection and was determined to be in airwothy condition <div style="text-align: right;">  Roland Bronson 2333210IA Date, Sept, 21, 2020 </div>					
 LACONIA MUNICIPAL AIRPORT 118 KIMBALL ROAD GILFORD, NH 03249 603-293-0800 ENGINE ENTRY N8388G S/N: 686807 HOBBS: 2030.5 ETT: 2030.5 SMOH: 2030.5 OCTOBER 2, 2024 REPLACED LEFT MUFFLER; COMPRESSIONS 1) 70/80 2) 65/80 3) 74/80 4) 72/80 5) 70/80 6) 65/80; OPERATIONAL RUN-UP AND LEAK CHECK GOOD. INSPECTED THIS ENGINE IAW <u>100HR</u> APPROVED INSPECTION CHECKLIST AND FAR 43 APPENDIX D. RETURN THIS ENGINE TO SERVICE IN REGARDS TO THE WORK PERFORMED. <div style="text-align: right;">  A&P3474976 CHRISTIAN CLAYTON </div>					
ENGINE ENTRY N8388G S/N: 686807 HOBBS: 2030.5 ETT: 2030.5 SMOH: 2030.5 OCTOBER 2, 2024 I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND HAS BEEN FOUND TO BE AIRWORTHY AND RETURN IT TO SERVICE. <div style="text-align: right;">  3474976IA CHRISTIAN CLAYTON </div>					
Preventive Maintenance 9/25/2024 Hobbs 2030.4 Changed engine oil and filter, serviced with 8ts. Phillips 20/50 oil • Filter #A48109. Cleaned and gapped 12 Spark plugs replaced air filter BA-24 Checked, cleaned and serviced battery and connections, filled brake master cy Checked all engine Controls and lubricated. Checked all maintenance items as per Cirrus 5-20 Test ran checked for leaks. Dan Trombly owner PPL #2245285 <div style="text-align: right;">  </div>					

BLACKSTONE
LABORATORIESOIL
REPORTLAB NUMBER: R56830
REPORT DATE: 9/15/2023
CODE: 47/88UNIT ID: N8388G
CLIENT ID: 188052
PAYMENT: CC: Visa

UNIT

MAKE/MODEL: Continental IO-550-N7
FUEL TYPE: Gasoline (Leaded)
ADDITIONAL INFO: Cirrus SR22, S/N: 6876807, Nickel CylOIL TYPE & GRADE: Aeroshell W100 (AD)
OIL USE INTERVAL: 40 Hours

CLIENT

DAN TROMBLY
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6 WEBSTER AVE
FRANKLIN, NH 03235PHONE: (802) 535-5003
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ALT PHONE:
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COMMENTS

DAN: Fuel cleared up in this report -- note the high flashpoint. No other notable contaminant such as dirt (silicon) or moisture made an appearance, either, and physically this Aeroshell W100 held up well after 40 hours of use. Most wear metals are in good shape, remaining in healthy ranges. There's a little more nickel than average, but considering the nickel cylinders on board, maybe this level will prove normal as trends develop for this Continental. Assuming good operation, nickel is just something to check back on next oil change.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	40	UNIT / LOCATION AVERAGES	51					UNIVERSAL AVERAGES
	MI/HR on Unit	1,994		1,913					
	Sample Date	8/24/2023		9/1/2021					
	Make Up Oil Added	1 qt		1 qt					
	ALUMINUM	10	12	14					6
	CHROMIUM	8	8	7					6
	IRON	51	51	51					39
	COPPER	5	6	6					4
	LEAD	6220	6364	6508					5084
	TIN	1	1	1					1
	MOLYBDENUM	6	7	7					2
	NICKEL	19	18	16					8
	MANGANESE	1	1	1					1
	SILVER	0	0	0					0
	TITANIUM	0	0	0					0
	POTASSIUM	0	0	0					1
	BORON	0	1	1					1
	SILICON	5	7	8					5
	SODIUM	1	1	1					1
	CALCIUM	2	2	1					42
	MAGNESIUM	1	1	1					1
	PHOSPHORUS	251	192	132					359
	ZINC	7	7	6					7
	BARIUM	0	0	0					0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	92.5	86-105	89.3				
	cSt Viscosity @ 100°C	18.59	17.0-21.8	17.82				
	Flashpoint in °F	470	>460	440				
	Fuel %	<0.5	<1.0	1.0				
	Antifreeze %	-		-				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.3	<0.6	0.3				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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