

ENGINE LOG BOOK



ation
at genuinecontinental.aero for engine related news or announcements. TCM Internet Services contains useful information
ing electronic versions of the most current engine Instructions for Continued Airworthiness and service bulletins that may be
el.

available, contact TCM Customer Service Department at:
in the United States or
onal

Returns

are credit with this log book to:

Continental Motors
Street
3615 USA

for overhaul with this log book to:

Mattituck Services
y Drive
K, NY 11952 USA

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



If a label indicating the engine model and serial number is not affixed in this location, this log book is not the original. Consult the original engine log book.
Teledyne Continental Motors, Inc.
www.GenuineContinental.aero

Production Certificate 508 - information recorded
Printed: 07/15/2011
Test Date: 07/14/2011

This engine model I0550B128B, serial number 1004914 was manufactured 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, Inc.

www.GenuineContinental.aero

Engine Component Information Sheet

Printed : 07/15/2011

Serial: 1004914
 Spec: I0550B128B
 New/Rebuilt: NEW

Assembled: 07/12/2011
 Shipped:
 Packed: 07/15/2011

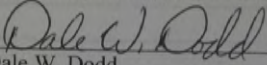
Customer Name:

Shipping Address:

Component	Serial Number	Component	Serial Number
CAMSHAFT	89534	L. TURBO	N/A
CRANKSHAFT	N11DA103	R. TURBO	N/A
CRANKCASE	R11FA335	OVERBOOST	N/A
CONNROD	AE11FA353	CONTROLLER	N/A
CONNROD	AE11EA660	WASTEGATE	N/A
CONNROD	AE11EA680	CYLINDER - 1	AC11FA615
CONNROD	AE11FA350	CYLINDER - 2	AC11FA668
CONNROD	AE11EA681	CYLINDER - 3	AC11FA728
CONNROD	AE11EA675	CYLINDER - 4	AC11FA734
L MAGNETO	11031025 ^{11/11/21001} 10110850	CYLINDER - 5	AC11FA685
R MAGNETO	11041340	CYLINDER - 6	AC11FA602
CARBURETOR	N/A	CYL FLOW CODE	N/A
FUEL PUMP	B11FA223	NOZZLE - 1	1253
MANIFOLD VALVE	C11FA155	NOZZLE - 2	2253
METERING UNIT	A11FA072	NOZZLE - 3	3248
STARTER	10 21 0113	NOZZLE - 4	4243
ALTERNATOR	011EA079	NOZZLE - 5	5239
ALTERNATOR 2	N/A	NOZZLE - 6	6239
DRIVE GEAR	N/A	OIL COOLER	A11-9375-25
DRIVEN GEAR	N/A	PISTON WEIGHT	N/A

ack Inspection Stamp

All of the information provided herein is subject to verification by the user. Teledyne Continental Motors, Inc. makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
11-7-11	0	00	0	0	Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
					This engine has been installed on aircraft serial number E-3967 and has been fully charged with Phillips 66 Type M SAE 20W-50.  Dale W. Dodd For Hawker Beechcraft Corporation PC#8
1-11-2012	17	0	17	0	Initial oil change



Midwest Corporate Aviation.


Engine Log

N563AP
Date: 11 January 2012

Beech G36 S/N: E-3967
HM: 17.0

- Complied with engine oil and filter change. Drained engine oil. Removed, cut open and inspected oil filter. No metallic particles noted. Installed and safetied, 1 each, new P/N CH48109-1 oil filter. Serviced engine with 11 quarts Phillips 20w50 x/c oil. Operational ground run and leak check satisfactory. Work performed IAW Beech 36 MM 12-00-00.

I certify that this aircraft was repaired / inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the maintenance are on file at this repair station under W/O # 25502.

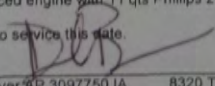
 for Midwest Corporate Aviation, CRS# BVYR657C.

Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW/SMOH 57 TT 57 Hr Meter 57

* Serviced engine with 11 qts Phillips 20W-50, CH48109

Returned to service this date.

Signature:  Date: 4/6/2012
David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379,
281-376-6664

Engine Service and Maintenance Record

Total Time

Time Since Last Overhaul

Date

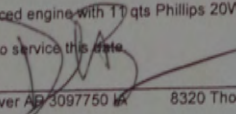
Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW/SMOH 104 TT 104 Hr Meter 104

Carried forward

* Serviced engine with 11 qts Phillips 20W-50, CH48109

Returned to service this date

Signature:  Date: 7/2/2012
David Beaver AIG 3097750 8320 Thora Lane, #F-1, Spring, TX 77379, 281-376-6664

part removal and
orthiness Directives,
letins

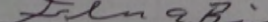
DATE JANUARY 10, 2013
BEECH G-36 N563AP S/N E3967
IO-550B SN-1004914
HOUR METER 153.0
AIRFRAME TOTAL TIME 153.0
ENGINE TOTAL TIME 153.0

ENGINE REMOVED FOR INSPECTION.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current FEDERAL AIR REGULATIONS and is approved for return to service.

Pertinent details of the repair are on file at the agency under work order # 3649 Date 7-25-13

Signed  Chief Inspector for
BIGGS AIRCRAFT, INC. FAA STATION #BA2R709K
336893 E 930 RD - WELLSTON, OKLAHOMA 74881 / PHONE (405) 258-2965

BIGGS AIRCRAFT

Private Airstrip - 8 Miles West of
Chandler, Oklahoma
Identifier 43 OK
Phone: 405-258-2965
Fax: 405-258-3016
biggsair@yahoo.com

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

5-10-2013

Powermaster Work Order 13-0510

Engine- IO-550B

SN-1004914

Total Time 153.0

Tach Time 153.0

Disassembled engine for prop strike inspection.

Cleaned and inspected.

Crankcase inspected by Divco on WO# 109045.

Internal Steel inspected and certified by Aircraft Specialties on WO# 214383.

Assembled engine using new main and rod bearings, new rod bolts and nuts. Replaced all counterweight bushings, rollers, plated and clips.

Connecting rods rebushed and honed by Aircraft Specialties on WO# 214383.

Installed Overhauled hydraulic lifters, 6 each PN-653877 and 6 each PN-653888, overhauled by Aircraft Specialties on WO# 214383.

Overhaul all original cylinders, installed new guides, valves, springs, valve retainers, and piston rings.

Installed TCM magnetos, Left- BL-349350-4R, SN-F13BA223R, Right-BL-349350-5R, SN-F13AA183R, installed new M1740 harness and 12 each Tempest RHB-32E spark plugs.

Installed Overhauled/Modified fuel pump, PN-35-6550001, SN-GP-2022B, per Tornado Alley Turbo Turbo normalizing STC.

Installed Overhauled Fuel Controller/Throttle Body, PN-FT-B8.8/1-442, SN-AE179908A, per Tornado Alley Turbo STC.

Installed Overhaul Starter Adapter, PN-642087A10, SN-CNE073, per Tornado Alley Turbo STC.

Prop Governor Overhauled by Quality Aircraft Accessories, PN-D21760, SN-00964.

Alternator Overhauled by Quality Aircraft Accessories, PN-649305, SN-011EA079.

Installed TurboGamijector Kit # GT16B, SN-22578, per STC-SE09289SC, and TAT STC.

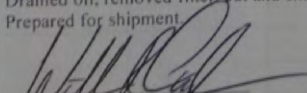
Engine assembled in accordance with TCM Overhaul Manual X30568A.

Mounted engine on test stand, service with 10 QTS Phillips 20W50, installed 48108 filter.

Test ran, adjusted oil pressure and fuel pressure per TCM SID 97-3.

Drained oil, removed filter, cut and examined for contaminates, none found, installed new oil filter and saftied.

Prepared for shipment.


 William R. Cunningham
 Powermaster Aircraft Engines
 FAA CRS P46R287Y
 9027 S. Airport Way
 Tulsa OK 74132

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul	
	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

DATE JULY 25, 2013
BEECH G-36 N563AP S/N E3967
IO-550B SN-1004914
HOUR METER 153.0
TIME SINCE NEW 153.0

REINSTALLED THIS ENGINE AFTER INSPECTION AND MODIFICATION FOR TURBO NORMALIZED SYSTEM BY POWERMASTER ENGINES CRS# P46R287Y SEE LOG ENTRY DATED 5-10-2013. INSTALLED NEW HARTZELL PROP PHC-C3YF-IRF/F 8068 SN QG545B IAW STC# SA5223NM SEE 337 DATED 7-25-13. WEIGHT AND BALANCE REVISED SEE WEIGHT AND BALANCE DATA SHEET DATED 7-24-2013. ENGINE INSTALLED WITH ALL NEW LORD MOUNTS, DUCTS, OIL HOSES, FUEL HOSES. SERVICED ENGINE WITH 12 OTS PHILLIPS XC 20W 50. GROUND RUN AND FLIGHT CHECK FOUND GOOD. ALL AD'S CHECKED THRU REV 2013-15 SEE AD LIST B PAGES DATED 7-25-13. ANNUAL INSPECTION COMPLIED WITH IN REFERENCE WITH BEECH INSPECTION FORM #9832227 AND FAR 43 APPENDIX D.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current FEDERAL AIR REGULATIONS and is approved for return to service.

Pertinent details of the repair are on file at the agency under work order # 3649 Date 7-25-13

Signed Dee Bi Chief Inspector for
BIGGS AIRCRAFT, INC. FAA STATION #BA2R709K
336893 E 930 RD - WELLSTON, OKLAHOMA 74881/PHONE (405) 258-2965

Biggs Aircraft

Private Airstrip - 8 Miles West of
Chandler, Oklahoma
Identifier 43 OK
Phone: 405-258-2965
Fax: 405-258-3016
biggsair@yahoo.com

Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW/SMOH 202 TT 202 Hr Meter 202

- " Serviced engine with 11 qts Aeroshell 15W50, CH48109
- " Replaced missing LH rear cowl latch spring

Returned to service this date.

Signature: Dee Bi Date: 10/23/2013
David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379,
281-376-6664

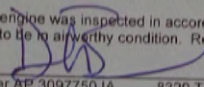
Date

Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW/SMOH 268 TT 268 Hr Meter 268

- " Researched AD's thru 2014-14 (summary provided) AD12-10-13 DNA, AD14-05-29 DNA
- " Cleaned gapped and tested spark plugs
- " Checked mag timing IAW data plate as needed
- " Serviced engine with 11 qts Aeroshell 15W50, CH48109
- " Replaced induction filter 35-380035-7 as needed
- " Inspected cylinders IAW SID97-2 (bore-scope and comp tests) satisfactory

I certify this engine was inspected in accordance with a 100 hour/Annual inspection and is determined to be in airworthy condition. Returned to service this date.

Signature:  Date: 7/24/2014
David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379,
281-376-6664

Service Record

part removal and
thickness Directives,
pins

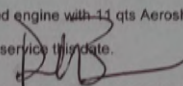
Carried forward

Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW/SMOH 314 TT 314 Hr Meter 314

- " Serviced engine with 11 qts Aeroshell 15W50, CH48109

Returned to service this date.

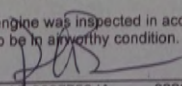
Signature:  Date: 11/11/2014
David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379,
281-376-6664

Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW/SMOH 345 TT 345 Hr Meter 345

- " Researched AD's thru 2015-12 (summary provided)
- " Cleaned gapped and tested spark plugs
- " Checked mag timing IAW data plate as needed
- " Serviced engine with 11 qts Aeroshell 15W50, CH48109
- " Replaced induction filter 35-380035-7 as needed
- " Inspected cylinders IAW SID97-2 (bore-scope and comp tests) satisfactory

I certify this engine was inspected in accordance with a 100 hour/Annual inspection and is determined to be in airworthy condition. Returned to service this date.

Signature:  Date: 8/4/2015
David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379, 281-376-6664

Engine Log Entry

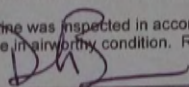
Date

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW/SMOH 441 TT 441 Hr Meter 441

Carried forward -

- " Researched AD's thru 2016-18 (summary provided) AD16-16-12 DNA
- " Cleaned gapped and tested spark plugs
- " Checked mag timing IAW data plate as needed
- " Serviced engine with 11 qts Aeroshell 15W50, CH48109
- " Replaced induction filter 35-380035-7 as needed
- " Inspected cylinders IAW SID97-2 (bore-scope and comp tests) satisfactory, lapped # 3 exhaust valve in place as needed
- " Tightened induction clamps as needed

I certify this engine was inspected in accordance with a 100 hour/Annual inspection and is determined to be in airworthy condition. Returned to service this date.

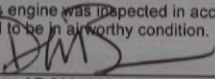
Signature:  Date: 9/21/2016
David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379, 281-376-6664

Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW/SMOH 492 TT 492 Hr Meter 492

- " Researched AD's thru 2017-18 (summary provided)
- " Replaced spark plugs RHB32E
- " Checked mag timing IAW data plate as needed
- " Serviced engine with 11 qts Aeroshell 15W50, CH48109
- " Replaced induction filter 35-380035-7 as needed
- " Inspected cylinders IAW SID97-2 (bore-scope and comp tests) satisfactory, 1-79, 2-76, 3-, 4-75, 5-79, 6-75
- " Replaced cylinder # 3 with new assy 658552A3BP IAW SB, replaced intake lifter 658088 & exhaust lifter 658077
- " Replaced all 3 exhaust no-blo gaskets 652458 & cross-over gasket 642502
- " Tightened induction clamps as needed
- " Replaced oil filler tube gasket 649965
- " Checked fuel system calibration per TCM SP

I certify this engine was inspected in accordance with a 100 hour/Annual inspection and is determined to be in airworthy condition. Returned to service this date.

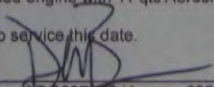
Signature:  Date: 9/26/2017
David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379, 281-376-6664

Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW/SMOH 538 TT 538 Hr Meter 538

- " Serviced engine with 11 qts Aeroshell 15W50, CH48109

Returned to service this date.

Signature:  Date: 3/19/2018
David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379, 281-376-6664

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Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW 563 TT 563 Hr Meter 563

- H " Researched AD's thru 2018-18 (summary provided)
- " Cleaned gapped and tested spark plugs
- " Checked mag timing IAW data plate as needed
- " Serviced engine with 11 qts Aeroshell 15W50, CH48109
- " Replaced induction filter 35-380035-7 as needed
- " Inspected cylinders IAW SID97-2 (bore-scope and comp tests) satisfactory, 1-78, 2-74, 3-70, 4-70, 5-74, 6-68, master orifice = 42
- " Removed induction rear tube to weld repair as needed
- " Replaced 2ea TAT induction tube FS118 chafe couplings as needed
- " Replaced TAT turbo V band clamp pn 11-1100035
- " Serviced engine with 11 qts Aeroshell 15W50 & CH48109 filter
- " Checked fuel system per TCM tech pub, leaned idle mixture slightly

I certify this engine was inspected in accordance with a 100 hour/Annual inspection and is determined to be in airworthy condition. Returned to service this date.

Signature: 

Date: 9/24/2018

David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379, 281-376-6664

Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW 583 TT 583 Hr Meter 583

- " Researched AD's thru 2019-20 (summary provided)
- " Cleaned gapped and tested spark plugs
- " Checked mag timing IAW data plate as needed
- " Serviced engine with 11 qts Aeroshell 15W50, CH48109
- " Replaced induction filter 35-380035-7 as needed
- " Inspected cylinders IAW SID97-2 (bore-scope and comp tests) satisfactory, 1-79, 2-80, 3-79, 4-76, 5-79, 6-78, master orifice = 67
- " Removed induction rear tube to weld repair as needed
- " Replaced 2ea TAT induction tube FS118 chafe couplings as needed
- " Checked fuel system per TCM tech pub, leaned idle mixture slightly
- " Tightened AC comp belt

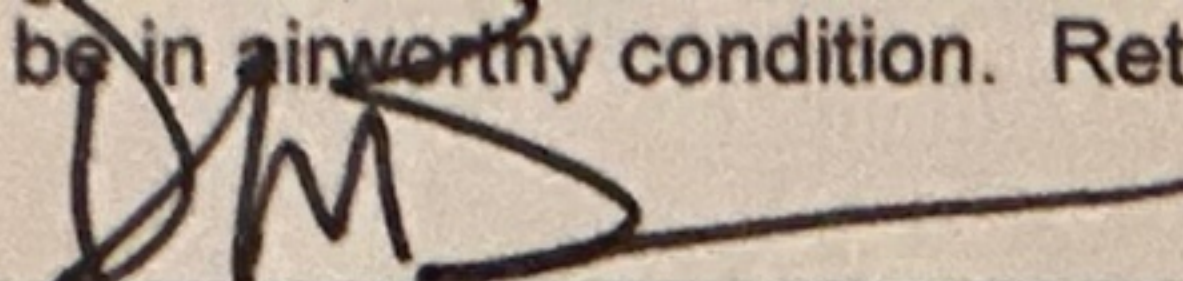
I certify this engine was inspected in accordance with a 100 hour/Annual inspection and is determined to be in airworthy condition. Returned to service this date.

Signature: 

Date: 11/4/2019

David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379, 713 851-8960

determined to be in airworthy condition. Returned to service this date.

Signature: 

Date: 11/4/2019

David Beaver AP 3097750 IA

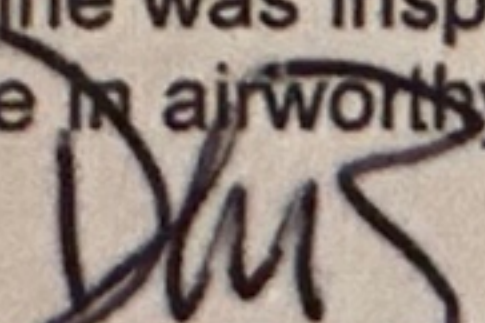
8320 Thora Lane, #F-1, Spring, TX 77379, 713 851-8960

Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW 598 TT 598 Hr Meter 598

- " Researched AD's thru 2020-24 (summary provided)
- " Cleaned gapped and tested spark plugs
- " adjusted mag timing IAW data plate as needed
- " Serviced engine with 11 qts Phillips 20W50XC, CH48109
- " Replaced induction filter 35-380035-7 as needed
- " Inspected cylinders IAW SID97-2 (bore-scope and comp tests) satisfactory, 1-76, 2-69, 3-71, 4-70, 5-75, 6-70, master orifice = 41
- " Removed induction lower tube to weld repair as needed, replaced 539023 duct as needed, GTAW method
- " Lowered MP controller set point as needed IAW TAT ICA
- " Tightened induction clamps as needed, rotated 2 ea induction clamps at rear of engine to avoid exhaust as needed
- " replaced DG3 adel on prop cable as needed
- " Checked fuel system per TCM tech pub, increased idle speed slightly
- " replaced AC comp belt 646293-34.00

I certify this engine was inspected in accordance with a 100 hour/Annual inspection and is determined to be in airworthy condition. Returned to service this date.

Signature: 

Date: 1/1/2021

David Beaver AP 3097750 IA

8320 Thora Lane, #F-1, Spring, TX 77379, 713 851-8960

Calkins Aero Service Inc.

West Houston Airport
18000 Groeschke Rd.
Houston, TX 77084

DATE: 12/13/2021 N563AP HOBBS: 688.6

WORK PERFORMED:

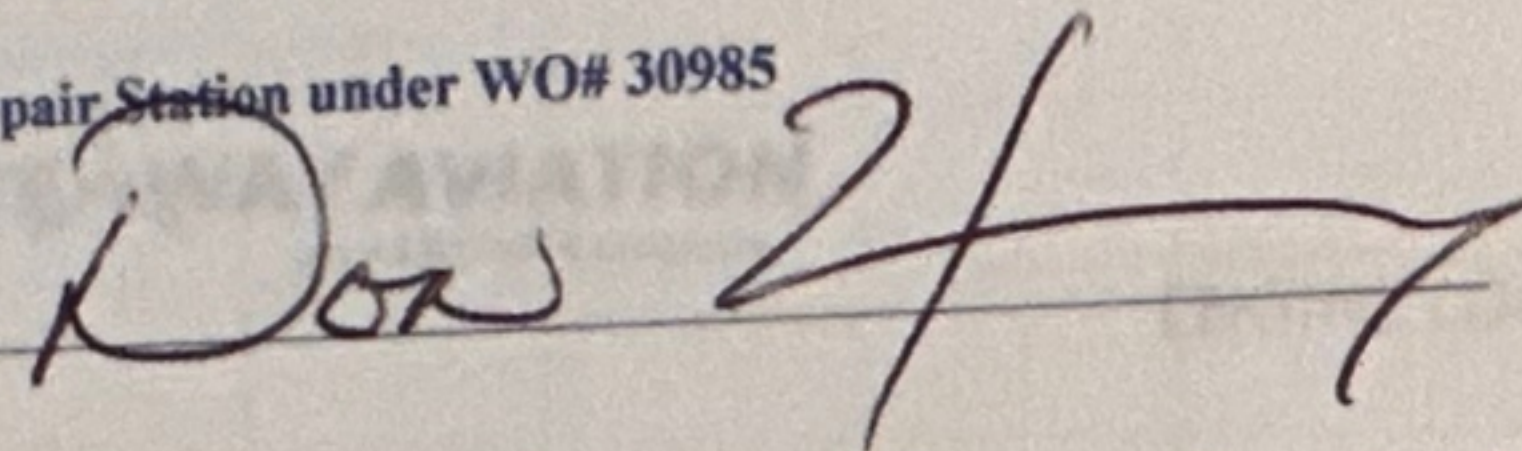
- REPLACED ALTERNATOR WITH OVERHAULED PN#649305 SN#007CA118.

I certify that the work performed was carried out in accordance with 14 CFR Part 43.9 and paragraph (b) of 14 CFR Part 43, Appendix B and was determined to be in an airworthy condition.

Details on file at Calkins Aero Repair Station under WO# 30985

Calkins Aero Service Inc.
FAA Certified Repair Station
No. GK2R849K

signed



Engine Service and Maintenance Record

Maintenance actions including engine part removal and and compliance with inspections, Airworthiness Directives, Inspections, Modifications and Service Bulletins

BOOK ENTRY

03/17/2022

Continental IO550B128B

TT: 706.4

Completed 100 hour inspection per Appendix D to Part 43. AD 2022-04-04 is N/A, adapter not installed. Replaced cylinder No. 2 with P/N:654651, S/N:114434-1, cylinder No. 4 with P/N:658175, S/N:114434-3, and cylinder #5 with P/N:653445, S/N:114434-2. Replaced rocker cover gaskets for cylinders 2,4,5 and the gasket for oil filler neck. Replaced left and right magnetos with new left P/N: 10-349350-4; S/N: F21JA027 and right P/N:10-349350-5; S/N: F21LA125. completed visual inspection of connecting rod piston pin bushings while cylinders 4,5,6 were being replaced. Cleaned the fuel injector nozzles. Installed repaired No. cylinder 2 exhaust transition.

This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order 24320. I certify that this engine has been inspected in accordance with a(n) 100 hour/Annual inspection and was determined to be in an airworthy condition.

Signed:

signature of authorized representative



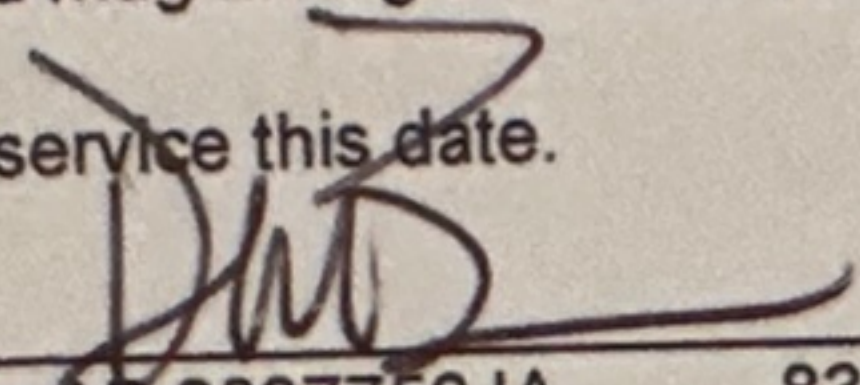
Rite-Way Aviation
Repair Station YWYR832L
7814 Eagle Lane, Spring, TX 77379

Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
SNEW 708 TT 708 Hr Meter 708

" adjusted mag timing IAW data plate as needed

Returned to service this date.

Signature: 

Date: 3/30/2022

David Beaver AP 3097750 IA 8320 Thora Lane, #F-1, Spring, TX 77379, 713 851-8960



VAAYU Aero Maintenance

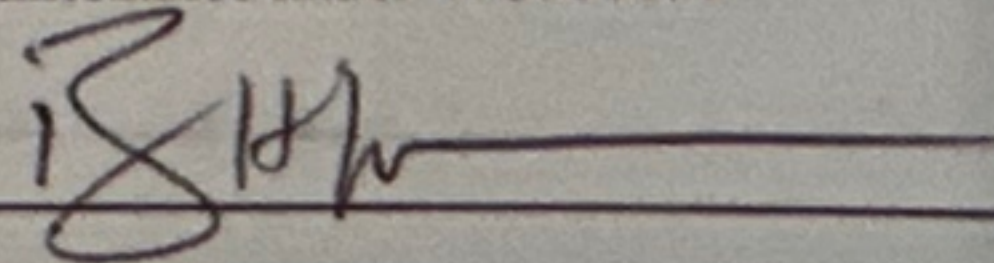
West Houston Airport
18000 Groeschke Rd.
Houston, TX 77084

DATE: 08/23/2022 N563AP HOBBS: 721.5

WORK PERFORMED:

- CHANGED OIL AND FILTER PN#AA48109 AND SAFETIED. SERVICED ENGINE WITH 11 QTS OF PHILLIPS 20W50 AVIATION OIL. WASH, RUN, AND LEAK CHECKED. NO LEAKS NOTED.

I certify that the work performed was carried out in accordance with 14 CFR Part 43.9 and paragraph (b) of 14 CFR Part 43, Appendix B and was determined to be in an airworthy condition.
Details on file at VAAYU Aero Maintenance under WO#31464
FAA Certified Repair Station

No. GK2R118E signed 

Time Since Last *Engine Log Entry* **Engine Log Entry**

Date

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
 SNEW 752 TT 752 Hr Meter 752

part removal and
 fitness Directives,
 fins

Carried forward

" R&R magneto pn 10-349350-4 F21JA027 with new sn F22KA371 IAW TCM 5B673C

Returned to service this date,

Signature: *DWS*
 David Beaver AP 3097750 IA

Date: 1/13/2023

8320 Thora Lane, #F-1, Spring, TX 77379, 713 851-8960

Beaver Air Service

Engine Log Entry

Reg # N563AP MFG Continental Model IO550B128B Serial # 1004914
 SNEW 769 TT 769 Hr Meter 769

- " Researched AD's thru 2023-06 (summary provided) AD22-16-03 PCW, DNA, AD23-02-12 DNA, AD23-04-08 DNA
- " R&R spark plugs URHB32E
- " adjusted mag timing IAW data plate as needed
- " Serviced engine with 11 qts Phillips 20W50XC, CH48109
- " Replaced induction filter 35-380035-7 as needed
- " Inspected cylinders IAW SID97-2 (bore-scope and comp tests) satisfactory, 1-36, 2-79, 3-77, 4-70, 5-78, 6-65, master orifice = 67
- " Lapped exhaust valves cylinders 4 & 6, replaced rotocoil SA629117-1 & gasket 655528, monitor as needed
- " R&R cylinder no. 1 with new 658810A3 TCM cylinder assy
- " Checked fuel system per TCM tech pub, increased idle speed slightly
- " Removed induction tube, weld repaired 2ea cracks as needed IAW AC43.13 GTAW method
- " R&R AC comp belt 646293-34.00
- " R&R starter motor oring as needed
- " Cleaned injector nozzles with ultrasonic cleaner, replaced all seals as needed
- " R&R 2ea EGT probes, cyl 1 & 3, pn 86245

I certify this engine was inspected in accordance with a 100 hour/Annual inspection and is determined to be in airworthy condition. Returned to service this date.

Signature: *DWB*
 David Beaver AP 3097750 IA

Date: 4/6/2023

8320 Thora Lane, #F-1, Spring, TX 77379, 713 851-8960



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