



Continental Motors, Inc.

N400VT

ENGINE LOG BOOK



Publication ELB-01

JUN 2011

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 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:

Matttuck 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: 10/15/2013

Test Date: 10/15/2013

This engine model I0550N68B, serial number 10092226

was manufactured 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.

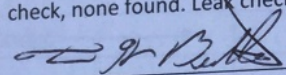
SOUTHERN AIR REPAIR LLC.

DATE-8/12/2014

AIRCRAFT-N521KD
IO550N68B S/N-1009226
FLT. TIME-108.1
HOBBS-133.1

Change oil and filter. Service engine with Phillips 20W50 X Country oil. Cam guard added. Cut filter for metal check, none found. Leak check performed, found satisfactory. Oil sample taken for analysis.

Carrier

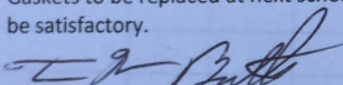

A&P3617489
Frank Kinsey Butler

SOUTHERN AIR REPAIR LLC.

8/20/2014

AIRCRAFT-N521KD
IO550N68B S/N-1009226
FLT. TIME-111.5
HOBBS-136.9

Perform 100 hour inspection on engine in accordance with cirrus sr22 service manual and in accordance with continental manual M-16. Compression: #1-80/78 #2-80/78 #3-80/78 #4-80/78 #5-80/78 #6-80/78. Bore scope all cylinders. Valve condition appeared normal. Perform SID 97-3e Continuous fuel flow check. All values within limits. Replace air filter BA-24. Check torque on all intake couplers. Tighten rocker cover gaskets due to leakage. Gaskets to be replaced at next scheduled maintenance. Operation check performed on engine, and was found to be satisfactory.


A&P3617489
Frank Kinsey Butler



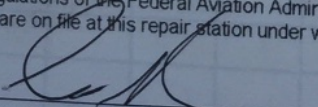
AIRCRAFT REG: N521KD
MFG: TCM
MODEL: IO-550
SERIAL: 1009226
HOUR METER: 143.2

DATE: 9/10/14
WORK PACKAGE: P5057
TACH TIME: 116.4 (FT)
TOTAL TIME:
TSMOH:

Installed 12 each New Rocked Box Cover Gasket Ran up checked for leaks Found Ok for service. Ref TCM IO-550 O/H Manual

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance 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 package no.

P5057

Signed: 
Eddie S. Taylor
for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341



AIRCRAFT REG: N521KD
 MFG: TCM
 MODEL: IO-550
 SERIAL: 1009226
 HOUR METER: 180.3

DATE: 10/22/14
 WORK PACKAGE: P5099
 TACH TIME: 148.2
 TOTAL TIME:
 TSMOH:

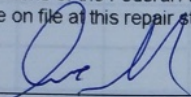
Date

Drained engine oil. Took AOA oil sample and sent for analysis. Removed oil filter; cut open and inspected; element appeared normal. Installed new oil filter p/n CH48108-1, torqued and saftied. Serviced engine with 8 quarts Phillips 20W50XC engine oil.

Carried forward

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance 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 package no.

P5099

Signed:  Eddie S. Taylor
 for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

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AIRCRAFT-N521KD

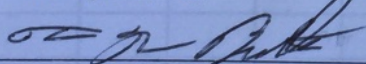
SOUTHERN AIR REPAIR LLC.

Date-12/12/2014

IO550N68B S/N-1009226
 FLT. HOBBS-172.6
 HOBBS-211.3

Perform annual inspection on engine in accordance with Cirrus Design SR22 service manual and in accordance with Teledyne Continental Manual M-16. Clean and gap all plugs. Reinstall with new gaskets. Magneto timing checked per data tag. Compressions: #1-80/78 #2-80/78 #3-80/78 #4-80/78 #5-80/78 #6-80/78. Change oil and filter. Service engine with 8 Qts. Phillips 20W50 X Country oil. Cam guard added. Oil filter cut for metal check, none found. Oil sample taken for analysis and trending. Sample returned normal. SID97-3e performed @ 111.5 ft. Hobbs. Not due at this time. Wash down engine and nose gear. A.D's researched through 2014-24. None apply at this time. Operation check performed on engine was found to be satisfactory.

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


 Frank Kinsey Butler A&P3617489IA

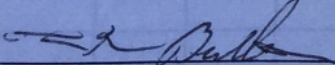
AIRCRAFT-N521KD

SOUTHERN AIR REPAIR LLC.

DATE-2/18/2015

IO550N68B S/N-1009226
 FLT.HOBBS-193.6
 HOBBS-238.2

Change oil and filter. Service engine with 8 Qts Phillips 20W50 X Country oil. Cam Guard added. Filter cut for metal check, none found. Oil sample taken for analysis and trending.


 Frank Kinsey Butler A&P3617489

AIRCRAFT-N521KD
IO550N68B S/N-1009226
FLT. HOBBS-204.2
HOBBS-251.7

SOUTHERN AIR REPAIR LLC.

DATE-4/7/2015

Change oil and filter. Service engine with 8 Qts. Phillips 20W50 X country oil. Cam guard added. Filter cut for metal check, none found. Oil sample taken for analysis and trending.


A&P3617489
Frank Kinsey Butler

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9900 16-June-2015 WO# 6200 REF# 6200 AC TT 217.8 HOBBS 268.3
N521KD S/N 4018 CIRRUS SR22
FHM 217.8 TSN 217.8 TSO 217.8

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ENGINE
*COMPLETED PRE-BUY CHECK ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 6/8/2015.
REMOVED TOP 6 SPARK PLUGS FOR ACCESS TO COMPRESSION TEST, CLEANED, REPLACED CRUSH GASKETS PN:U674
AND REINSTALLED SPARK PLUGS.
COMPRESSION: #1-76/80; #2-73/80; #3-76/80; #4-76/80; #5-74/80; #6-75/80. (M/O:43/80 #)
REMOVED OIL FILTER & INSPECTED FOR METAL NONE FOUND INSTALLED & TORQUED NEW FILTER PN:CH48108-1
*AD 2014-05-29 ENGINE CYLINDER HEAD SEPARATION INSPECTION COMPLETED NO SAP CYLINDERS INSTALLED.


THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.


YVES BANGLE 3399769 6-16-15
A&P 3399769 IA DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9927 08-July-2015 WO# 6217 REF# 6217 AC TT 233.2 HOBBS 288.8
N521KD S/N 4018 CIRRUS SR22
FHM 233.2

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ENGINE
*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS PHILLIPS X/C 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10
*THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.



BRIAN KEITH WENDT 3178678 A&P 08-July-2015
DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 10011 02-October-2015 WO# 6268 REF# 6268 AC TT 268.7 HOBBS 333.3
N521KD S/N 4018 CIRRUS SR22
FHM 268.7

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ENGINE
*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS PHILLIPS X/C 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.

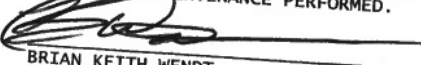
THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.


BRIAN KEITH WENDT 3178678 A&P 02-Oct-2015
DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 10056 19-November-2015 WO# 6297 REF# 6297 AC TT 292.7 HOBBS 360.5
N400VT S/N 4018 CIRRUS SR22
FHM 292.7 TSN 292.7 TSO 292.7

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ENGINE
*REMOVED SKYTEC STARTER PN:C245T3 SN:4C3-371319 AND INSTALLED HARTZELL STARTER PN:ES646275-1,
SN: H-P101498 OPS CHECKED GOOD.
*THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.


BRIAN KEITH WENDT 3178678 A&P 19-Nov-2015
DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 10106 11-January-2016 WO# 6320 REF# 6320 AC TT 309.0 HOBBS 380.6
N400VT S/N 4018 CIRRUS SR22
FHM 309.0 TSN 309.0 TSO 309.0

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ENGINE SN1009226
*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR20/22/22TN/22T MM 5-00.
ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 1/5/2016. NEXT ANNUAL INSPECTION DUE 01/23017.
COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.
COMPRESSION: #1-69/80; #2-74/80; #3-75/80; #4-73/80; #5-71/80; #6-71/80. (M/O:43/80#)DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS PHILLIPS X/C 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR22 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: GOOD.
COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3G. OPS/LEAK: GOOD.

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

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

Yves Bangle 3399769 1-11-16
YVES BANGLE A&P 3399769 IA DATE

JAN 12, 2016 Added 1/2 Pint Camguard Steve Jurrell Pilot # 3397175

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 10148 10-March-2016 WO# 6352 REF# 6352 AC TT 328.9 HOBBS 405.5
N400VT S/N 4018 CIRRUS SR22
FHM 328.9 TSN 328.9 TSO 328.9

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ENGINE SN:1009226
*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS PHILLIPS X/C 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10

*THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

Brian Keith Wendt 10-March-2016
BRIAN KEITH WENDT 3178678 A&P DATE

3/10/16 Added 12oz Camguard Steve Jurrell Pilot # 3397175

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 10465 03-February-2017 WO# 6514 REF# 6514 AC TT 379.9 HOBBS 472.9
N400VT S/N 4018 CIRRUS SR22
FHM 379.9 TSN 379.9 TSO 379.9

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ENGINE
*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR20/22/22TN/22T MM 5-00.
ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT FAA BIWEEKLY 2017-02. NEXT ANNUAL INSPECTION DUE 02/2018.

COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.
COMPRESSION: #1-72/80; #2-68/80; #3-68/80; #4-67/80; #5-71/80; #6-68/80. (M/O:41/80#)

REMOVED, CLEANED, INSPECTED, AND REINSTALLED FUEL INJECTORS WITH NEW SEALS AS REQUIRED. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 5-20 AND TCM MANUAL X30634A. NEXT CLEANING DUE AT 679.9 FHM
REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR22 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: GOOD.

DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS PHILLIPS X/C 20W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3G. OPS/LEAK: GOOD.

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

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

Douglas Duncan 2-3-17
DOUGLAS DUNCAN A&P/IA 3384163 DATE

