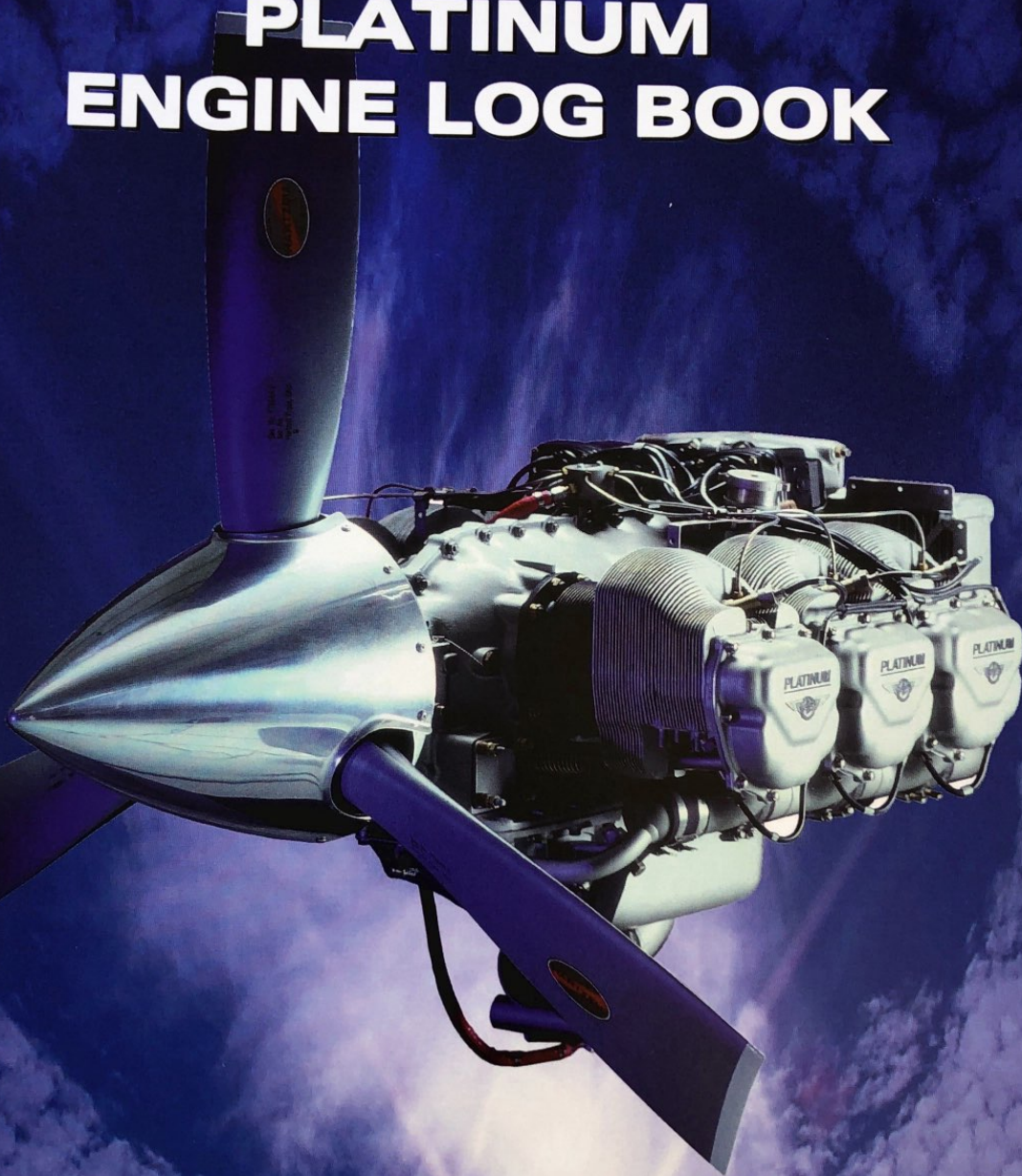


PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

Form No. ELB-01P

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Teledyne Continental Motors, Inc.

www.GenuineContinental.aero

Production Certificate 508

Printed: 03/10/2011

Test Date: 03/09/2011

This engine model IO550N61B, serial number 1004124 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.

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.	

11/18/2011

88 4

Oil replace w/ oil Filter, 22W50 8qt.



N779CA Tach:129.2 Hobbs162.4 3/8/2012

Drained oil, replenished with 8 Qts of Aeroshell 15W50. Replaced filter with AA48108-2. Cut open old filter and inspected media, no abnormalities noted at this time. Accomplished ground run, no leaks noted. Re installed engine cowlings.

Glenn MacDermod
3053427AP



N778CA SN-3760 TACH: 146.1 HOBBS: 183.9 SNEW: 146.1 5/4/2012

Accomplished 100 hour inspection IAW Cirrus Service Manual Chapter 5-20 check list. Drained oil, removed oil filter, cut open, and inspected, no abnormalities noted. Replenished with 8 quarts of Aeroshell 15W50. Installed new AA48108-2 oil filter. Replaced Induction filter with BA24. Accomplished compression checks #1 74/80, #2 70/80, #3 71/80, #4 70/80, #5 71/80, #6 74/80. Removed, cleaned, gapped, and tested all spark plugs. Checked set mag to engine timing. Inspected all lines and hoses. Lubricated all engine controls and checked for proper operation. Inspected exhaust system. Ground ran engine. Engine run up and leak checks satisfactory. Checked all ADs through ATP as of 5/2/2012. AD2012-03-06C N/A by part number. AD2011-25-51 N/A STC not installed. I certify this engine has been inspected IAW a 100 hour inspection and was found to be in airworthy condition at this time.

Brian W McClain
3442228AP

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9047 29-April-2013 WO# 5769 REF# 5769 AC TT 203.8 HOBBS 258.9
N778CA S/N 3760 CIRRUS SR 22
FHM 203.8 TSN 203.8 TSO 203.8

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Brough

ENGINE
*COMPLETED 100/ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 4-19-2013. NEXT ANNUAL INSPECTION DUE APR 2014.
COMPRESSION: #1-70/80; #2-70/80; #3-72/80; #4-77/80; #5-77/80; #6-73/80. (M/O: 42/80)
COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.
COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3E. OPS/LEAK: GOOD.
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 503.8 FHM OR APR 2014.
DRAINED OIL; TOOK BLACKSTONE SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA48108-2 #; SERVICED WITH 7 QTS AEROSHELL 15W50 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.
*REMOVED BROKENT #2 ALT MOUNT BRACKET AND INSTALLE NEW ONE PN:646405 IAW TCM M-16 MANUAL.& CMM 24-30 ALT CHECKED GOOD.
*AD 2012-03-06C, FUEL SERVO REPLACEMENT, N/A PER AVSTART FUEL SYSTEM NOT INSTALLED. NO FURTHER ACTION REQUIRED.
*AD 2012-10-13, STARTER ADAPTER REPLACEMENT, N/A PER STC SE10589SC NOT INSTALLED. NO FURTHER ACTION REQUIRED.

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.

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9047 29-April-2013 WO# 5769 REF# 5769 AC TT 203.8 HOBBS 258.9
N778CA S/N 3760 CIRRUS SR 22
FHM 203.8 TSN 203.8 TSO 203.8

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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
DOUGLAS DUNCAN A&P/IA 3384163

4-29-13
DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9165 26-July-2013 WO# 5835 REF# 5835 AC TT 221.7 HOBBS 283.7
N778CA S/N 3760 CIRRUS SR 22
FHM 221.7 TSN 221.7 TSO 221.7

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ENGINE
*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N AA48108-2; SERVICED WITH 7 QTS AEROSHELL 15W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
*REMOVED, REPLACE ALL SPARK PLUGS WITH NEW TEMPEST PN: URHB32S FINE WIRE, IAW CIRRUS SR22 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: 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.

Douglas Duncan
DOUGLAS DUNCAN A&P/IA 3384163

7-26-13
DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9312 03-December-2013 WO# 5917 REF# 5917 AC TT 243.4 HOBBS 312.7
N778CA S/N 3760 CIRRUS SR 22
FHM 243.4 TSN 243.4 TSO 243.4

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ENGINE
*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 8 QTS AEROSHELL 15W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10. NEXT DUE 293.4 FHM

Douglas Duncan
DOUGLAS DUNCAN A&P/IA 3384163

12-03-13
DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9452 28-April-2014 WO# 5989 REF# 5989 AC TT 256.8 HOBBS 331.2
N778CA S/N 3760 CIRRUS SR 22
FHM 256.8 TSN 256.8 TSO 256.8

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*COMPLETED 100 HOUR/ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 4/25/2014. NEXT 100 HOUR/ ANNUAL INSPECTION DUE 356.8 FHM OR APR 2015.
COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.
****COMPRESSIONS M/O 44/80 PSI
****#1: 68/80, #2:74/80, #3:73/80, #4:74/80, #5:72/80, #6:74/80
*DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 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 97-3F. OPS/LEAK: GOOD.
*AD 2014-05-29 ENGINE INSPECTION FOR SAP CYLINDERS C/W LOG BOOK REVIEW NO SAP CYLINDERS INSTALLED.
*CSB 08-3B THROTTLE AND MIXTURE CONTROL LEVER INSPECTION COMPLETED STAINLESS STEEL LEVERS INSTALLED.
*CHECKED AND RETIMED BOTH ENGINE MAGNETO'S TO 21 DEGREES.

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 AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9452 28-April-2014 WO# 5989 REF# 5989 AC TT 256.8 HOBBS 331.2
N778CA S/N 3760 CIRRUS SR 22
FHM 256.8 TSN 256.8 TSO 256.8

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Douglas Duncan 4-28-14
DOUGLAS DUNCAN A&P/IA 3384163 DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9835 17-April-2015 WO# 6162 REF# 6162 AC TT 291.7 HOBBS 379.0
N778CA S/N 3760 CIRRUS SR 22
FHM 291.7 TSN 291.7 TSO 291.7

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ENGINE

*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22 MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT ATP REVISION 4/13/2015. NEXT ANNUAL INSPECTION DUE 04-2016.
COMPRESSIONS M/O 44/80 PSI
#1: 67/80, #2:70/80, #3:64/80, #4:70/80, #5:69/80, #6:77/80
BORESCOPE OF CYLINDERS LOOKED GOOD.
DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 OIL. LEAK CHECK: GOOD. ALL IAW CIRRUS SR22 MM 12-10.
COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.
COMPLIED WITH FUEL SYSTEM SETUP PER SID 97-3F. OPS/LEAK: GOOD.
REMOVED, CLEANED, INSPECTED, TESTED, AND REINSTALLED ALL SPARK PLUGS IAW CIRRUS SR22 MM 74-20 & MFG INSTRUCTIONS. OPS CHECK: GOOD.
*REPLACED MISSING #2 BAFFLE SPRING PN: 51021-001
*AD 2014-05-29 ENGINE INSPECTION FOR SAP CYLINDERS.C/W NO SAP CYLINDERS INSTALLED

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 A&P/IA 3384163 4-17-15
Douglas Duncan

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 10193 15-April-2016 WO# 6369 REF# 6369 AC TT 331.4 HOBBS 429.8
N778CA S/N 3760 CIRRUS SR 22
FHM 331.4 TSN 331.4 TSO 331.4

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ENGINE SN:

*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 4/13/2016. NEXT ANNUAL INSPECTION DUE 04/2017.
AD 2014-05-29 CYLINDER HEAD SEPARATION OF CYLINDER HEAD C/W NO SAP CYLINDERS INSTALLED.
COMPLIED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SB03-3.
COMPRESSION MASTER ORIFICE 45/80
#1:68/80, #2:74/80, #3:62/80, #4:63/80, #5:72/80, #6:78/80
DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 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 4-15-16
YVES BANGLE A&P 3399769 IA DATE

Date

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 10625 25-April-2017 WO# 6649 REF# 6649 AC TT 376.2 HOBBS 488.9
N778CA S/N 3760 CIRRUS SR 22
FHM 376.2 TSN 376.2 TSO 376.2

Pg 1 / 2

Brought Forw

ENGINE SN: 004124
*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22/22T MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT FAA BI-WEEKLY 2017-08. NEXT ANNUAL INSPECTION DUE 4/2018. COMPLETED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SR03-3.
COMPRESSIONS M/0 41/80 PSI
#1: 58/80, #2: 64/80, #3: 64/80, #4: 64/80, #5: 66/80, #6: 68/80
BORESCOPE OF CYLINDERS LOOKED GOOD.
DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 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.
*COMPLETED WITH FUEL SYSTEM SETUP PER SID 97-36. OPS/LEAK: GOOD.
*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 676.2 FHM OR 4/2018.
*C/W AD 2014-05-29 ENGINE INSPECTION FOR SAP CYLINDERS NONE INSTALLED.

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 AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 10625 25-April-2017 WO# 6649 REF# 6649 AC TT 376.2 HOBBS 488.9
N778CA S/N 3760 CIRRUS SR 22
FHM 376.2 TSN 376.2 TSO 376.2

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DOUGLAS DUNCAN

A&P/IA 3384163

DATE

4-25-17

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 10864 26-April-2018 WO# 6740 REF# 6740 AC TT 410.9 HOBBS 533.4
N778CA S/N 3760 CIRRUS SR 22
FHM 410.9 TSN 410.9 TSO 410.9

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ENGINE
*COMPLETED ANNUAL INSPECTION IAW FAR 91.409, FAR 43 APPENDIX D, AND CIRRUS SR22/22T MM 5-00. ALL AD'S AND SB'S RESEARCHED THROUGH CURRENT FAA BI WEEKLY 2018-08. NEXT ANNUAL INSPECTION DUE 4/2019. COMPLETED WITH TCM TOPCARE HEALTH CHECKLIST FORM, CYLINDER BORE INSPECTION, AND COMPRESSION CHECK PER SID 97-2 AND SR03-3.
COMPRESSION: #1-62/80; #2-64/80; #3-65/80; #4-56/80; #5-66/80; #6-66/80. (M/0:40/80#)
DRAINED OIL; TOOK SAMPLE; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N CH48108-1; SERVICED WITH 7 QTS AEROSHELL 15W50 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.
*COMPLETED WITH FUEL SYSTEM SETUP PER SID 97-36. OPS/LEAK: GOOD.
*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 M16. NEXT CLEANING DUE AT 710.9 FHM OR 04/2019.

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 DELANO DUNCAN

A&P/IA 3384163

DATE

4-26-18
4-28-2018

Engine Service and Maintenance Record
Installations, Inspections, Airworthiness Directives, Special Inspections,
Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.



Registration: N778CA Date: 5/14/2019 Flight: 439.0
Make: Continental Model: IO-550-N S/N: 1004124

Performed a 100 hour inspection per the scope and detail of FAR 43 Appendix D using Cirrus Service Instructions 5-20, Continental Motors ICA and Tanis Preheat ICA. The following work was completed: installed 8 quarts of Phillips 20W50 XC oil, installed new Tempest AA48108-2 oil filter. An oil filter media inspection with satisfactory results. Cleaned re-gapped and re-installed spark plugs, confirmed correct mag timing of 22 degrees before TDC, performed a differential compression test 1) 54/80 2) 64/80 3) 66/80 4) 56/80 5) 60/80 6) 70/80 master orifice 44 psi, Adjusted fuel flows and pressures to Cirrus Specifications. The fuel injectors nozzles were removed, cleaned, and reinstalled using CMI Publication #FI-02, Sect. E and F. Installed a new BA24 induction air filter, next due: May 2020. A post maintenance operation check was performed using Cirrus AMM 5-30 as a guide with satisfactory results.

(Reference work order: 2024)

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection as per the scope and detail FAR43 Appendix D and Cirrus AMM date June 2010 and was determined to be in an airworthy condition.

Scott P. Reilly : Scott Reilly Certificate #: A&P 33618011A



Registration: N778CA Date: 5/14/2019 Flight: 439.0
Make: Continental Model: IO-550-N S/N: 1004124

- Complied with SB2X-74-01 Fine Wire Spark Plug Replacement
- Replaced Magnetos with Serviced Units per 500hr recommended replacement time life.
- Removed and replaced engine starter with serviced Hartzell Energizer Starter.

(Reference work order: 2024)

Eugene A. VanNote : EAN Certificate #: A&P 3686128



Registration: N778CA Date: 6/16/2020 Flight: 453.1
Make: Continental Model: IO-550-N S/N: 1004124



Performed a 100 hour inspection per the scope and detail of FAR 43 Appendix D using Cirrus Service Instructions 5-20, Continental Motors ICA and Tanis Preheat ICA. The following work was completed: Installed 7 quarts of Phillips 20W50 XC oil, installed new Tempest AA48108-2 oil filter. An oil filter media inspection with satisfactory results. Performed a differential compression test 1) 62/80 2) 70/80 3) 64/80 4) 70/80 5) 65/80 6) 60/80 master orifice 48 psi, Adjusted fuel flows and pressures to Cirrus Specifications. The fuel injectors nozzles were removed, cleaned, and reinstalled using CMI Publication #FI-02, Sect. E and F. The induction air filter was replaced in accordance with the Cirrus AMM, next replacement is due June 2021. Completed 2yr/500Hr Alternator #1 Inspection. Next due 6/16/2021 or 939.0TT. Completed 2yr/500Hr Alternator #2 Inspection. Next due 6/16/2021 or 939.0TT. A post maintenance operation check was performed using Cirrus AMM 5-30 as a guide with satisfactory results.

(Reference work order: 1708)

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection as per the scope and detail FAR43 Appendix D and Cirrus AMM and was determined to be in an airworthy condition.

Scott P. Reilly.: Scott P. Reilly Certificate #: A&P 3361801IA