

engines for core credit with this log book to:
Continental Motors, Inc.
Broad Street
Mobile, AL 36615 USA

engines for overhaul with this log book to:
Continental Motors, Inc.
Primary Service Center
Mobile, Alabama 36532 USA

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



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed: 12/03/2018

Test Date: 12/03/2018

This engine model I0550N41B, serial number 1036738 was rebuilt by Continental Motors Inc, in accordance with approved design data and the applicable requirements of 14 CFR, Part 21 and 43 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.

CONTINENTAL MOTORS, INC.

Form 6012-04 (Rev Sept 2014)



Sonoma
JET CENTER

Sonoma Jet Center

Santa Rosa, Ca. 95403

Date: 3/01/2019; Aircraft: N379DH; Type: Cirrus; S/N: 1662; Hobbs: 2439.90; Total Time: 2439.90; Engine - Type: R-IO550N41B, S/N: 1036738, Time: 0.01

Performed an Engine Annual Inspection per Cirrus Inspection form and FAR43 appendix D. Installed 0 time overhauled engine by Continental Motors IO550N41B S/N 1036738. Installed in N379DH with new lord mounts P/N 26757-001 and new bolts and lock tabs, replaced both muffler attach hardware and springs P/N 50221-001, 50456-001, replaced all fluid hoses with hose kit from Aviation Resources, C/W Continental SB18-08A found P/C/W, replaced air filter BA24, installed original alternator and C/W Continental SB95-3B alt coupling next due 2939.9, repaired baffling as needed, run-up and leak check performed.

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

Corey Wheeler IA

Sonoma Jet Center

Santa Rosa, Ca. 95403

Date: 3/15/2019; Aircraft: N379DH; Type: Cirrus; S/N: 1662; Total Time: 2462.20; Engine - Type: R-IO550N41B, S/N: 1036738, Time: 22.30, SMOH: 22.30

Changed oil and filter 12qts of Aeroshell W100 and a CH48108-1 filter. Cut open old filter with no contamination noted, Blackstone oil sample taken, run-up leak check performed.

Stuart Vos A&P



Sonoma
JET CENTER

Sonoma Jet Center

Santa Rosa, Ca. 95403

Date: 6/12/2019; Aircraft: N379DH; Type: Cirrus; Engine - Type: R-IO550N41B, S/N: 1036738

Removed #2 Field Control Module, installed new #2 Field Control Module P/N 29435-002. Performed Ops Check. Drained oil. Took Blackstone oil analysis. Removed oil filter, cut open and inspected for contamination, none found. Installed CH48108-1 and safetied. Serviced engine with 8qts Aeroshell W100. Washed down engine and performed leak check.

Benjamin Martin A&P



Sonoma
JET CENTER

Sonoma Jet Center

Santa Rosa, Ca. 95403

Date: 10/01/2019; Aircraft: N379DH; Type: Cirrus; Hobbs: 2548.10; Engine - Type: R-IO550N41B, S/N: 1036738, Time: 108.20

Drained oil. Took Blackstone oil analysis. Removed oil filter, cut open and inspected for contamination, none found. Installed CH48108-1 and safetied. Serviced engine with 8qts Aeroshell W100. Washed down engine and performed leak check.

Benjamin Martin A&P

Date 31 March 2020 Tach time 2616.1 Eng SMOH 176.2

I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition and is approved for return to service. Changed engine oil [Aeroshell 100W] and inspected oil filter, found satisfactory. Installed new CH48108-1 oil filter. Cleaned, gapped, tested and rotated spark plugs. Checked magneto timing. Ground run satisfactory. Compression check [1] 74 [2] 76 [3] 75 [4] 76 [5] 76 [6] 75.

Sidney S Smith



Sonoma
JET CENTER

Sonoma Jet Center

Santa Rosa, Ca. 95403

Date: 6/19/2020; Aircraft: N379DH; Type: Cirrus; S/N: 1662; Hobbs: 2625.10; Total Time: 2625.10

Performed run-up and found that #1 alternator voltage increased with RPM. Swapped #1,2 alternator field control modules and performed run-up #1 alternator holds steady at 28.5v. Installed new #1 alternator field control module P/N 29435-002 in the #1 position and installed #2 alt control module in #2 position. #1,2 alt warning lights inop. Installed new logic module P/N 14610-004, run-up and ops checks good. Installed panels and cowlings.

Corey Wheeler A&P



Sonoma
JET CENTER

Sonoma Jet Center

Santa Rosa, Ca. 95403

Date: 8/05/2020; Aircraft: N379DH; Type: Cirrus; S/N: 1662; Hobbs: 2643.90; Total Time: 2643.90

Troubleshoot engine for high operating temperature. Checked baffling. Found ignition timing to be 25/24. Set timing to spec. 22 degrees. Checked fuel flow - high end of factory settings. Cleaned connections for #6 CHT at the CHT, firewall and the SIU ops checks good

Corey Wheeler A&P



JET CENTER MFR

MEDFORD, OREGON 97504

CRS: GCPR185E

Engine Log Entry N379DH

Date: 02/05/2021
Total Time: 2692.5
Hobbs: 2692.5

Engine
TT: 252.60
TSO: N/A

- 1) Accomplished 50 Hr. /100 Hr. inspection this date.
- 2) Accomplished AD 2020-16-11, Amendment 39-21195, dated 09/21/2020 per (g)(1), for cylinder inspection, in reference to TCM MSB18-08B dated 01/13/2020. No further action required, previously complied with.
- 3) Compression Taken, Readings are: #1 67/80, #2 65/80, #3 68/80 #4 65/80 #5 69/80, #6 61/80. Note: minimum compression is 39/80 per master orifice.
- 4) Ran engine, systems ops and leaked checked with no problems noted.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 35902.

Gary Hudnall

Date 23 Dec 2021 Hobbs time 2757.5 Eng SMOH 317.6
Removed engine for tear down inspection

Sidney S Smith

Date 21 June 2022 Hobbs time 2757.5 Eng SMOH 317.6
I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition and is approved for return to service. Changed engine oil [Aeroshell 100].
Installed engine after teardown inspection. Adjusted fuel system per Continental M-O 6.4.7. Ground run satisfactory.

Sidney S Smith

This engine was sent to Pinnacle Aircraft Engines for a Prop Strike. This engine has been disassembled, cleaned, inspected, reassembled, and tested in accordance with the manufacturer's instructions: Form #: M-16 Permold Series Engine Maintenance and Overhaul Manual Revision dated October 2021 and M-0 Standard Practice Maintenance Manual Revision dated August 2021. The following components were installed as replacements: All mandatory replacement items. The following components were sent out for overhaul/repair and reinstalled: Crankshaft p/n 649900 s/n N07CA101 (recertified by AC Spec {crs DD2R764K} on WO# 272001), Left Magneto p/n 10-500556-1 s/n D18KA057 and Right Magneto p/n 10-500556-1 s/n D18KA059 (both recertified by QAA {crs QYAR334Y} on WO# 086640 and 086641). Prop governor p/n C290D3R/T23 s/n 180860 was sent out for overhaul (recertified by West Coast Governor {crs 8LLR039D} on WO# 478) but not reinstalled. All applicable Service Bulletins and Airworthiness Directives have been complied with. See S.B. and A.D. lists supplied. With respect to the work performed, this engine is airworthy and approved for return to service. Pertinent details of the work accomplished are on file under the following work order.

W/O#: 22_027

Date: 10/May/2022

Make/Model: Continental / IO-550-N41B

Serial Number: 1036738

Time in service: Engine Total Time: 2752.5



Silverhill, AL 36576

Authorized Signature

8PCR980B

Certificate Number