

N405LD

ENGINE LOG BOOK



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 documents 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
1-251-436-8299 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:

Continental Motors, Inc.
Factory Service Center
8600 County Road 32
Fairhope, 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: 01/14/2016

Test Date: 12/14/2015

This engine model I0550N41B, serial number 1031401 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.

Thomas Howard

CONTINENTAL MOTORS, INC.

Form 6012-04 (Rev Sept 2014)

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
4-2-16 Flight Hours 3138.4					Installed this engine in Cirrus N 405CD. Torqued all engine mount bolts. Rigged & safetied all controls. Added 8 QTS Roschell 100 non det. oil. pre-oiled Reinstalled & torqued all spark-plugs. Installed New oil cooler Baffles & springs oil temp fuel pressure, manifold pressure switches. Ran 1/2 engine ops ✓ good & No leaks found. Raph D. Cliff ATP 551766868

ENGINE MODEL:
IO-550-N41B
ENGINE S/N: 1031401
REG. NO: N405CD
WORK ORDER:
Murrieta7098-04-2016

Gryphon Aircraft Services, LLC.

37680 Sky Canyon Drive
#602
Murrieta, CA 92563
Phone: 951-898-4260

DATE: 4/29/2016
AC TSN: 2607.3
ENG TT: 0.8
TSMOH: 0.8
FLIGHTTIME: 1701.6

Engine Entries

Completed 100 HR INSPECTION. Compression check #1 76 #2 78 #3 74 #4 74 #5 74 #6 78. Cleaned, gapped, and tested all sparkplugs. See AD note update sheet and master list for complete AD note history thru this date and current revision... NOTE - Cirrus 25 HOUR post Engine Installation Inspection DUE - 1726.6... Replaced #6 EGT probe, secured all EGT/CHT wiring... Replaced right rear engine baffle mounting bracket P/N 13685-001... Secured cabin heat SCAT tube at engine baffle... Re-routed & secured MAP probe wiring/magneto p-leads... Stop drilled forward engine baffle behind prop... Re-torqued & re-clocked fuel line fitting to clear mixture control arm... Re-routed & secured ignition harnesses... Replaced oil temperature sender gasket P/N MS35769-11 and safetied. No leaks noted during ground run-up.

I Certify that this ENGINE has been inspected IAW an 100 hour inspection and was determined to be in AIRWORTHY Condition. All work performed IAW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta7098-04-2016. FAA CRS #2SDR271B.

DATE: 4/29/2016

SIGNED:



Work Order: Murrieta7098-04-2016

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Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

ENGINE MODEL:
IO550N41B
ENGINE S/N: 1031401
REG. NO: N405CD
WORK ORDER:
9618-03-2017



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 5/19/2017
A/C TSN: 2852
ENG TT: 145.5
TACH: 1846.3

Engine Entries

I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8 qts. of Aeroshell W100 Plus. Engine run and leak check good. Complied with oil sample.
Compression check: #1- 66/80, #2- 70/80, #3- 66/80, #4- 69/80, #5- 70/80, #6- 68/80.

The aircraft and/or component 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 are on file at this facility under the above W.O. number.

DATE: 5/19/2017

SIGNED:

Eric Hubbert

Work Order: 9618-03-2017

Hubbert, Eric
Certified Repair Station No. L9OR473Y

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ENGINE MODEL:
IO550N41B
ENGINE S/N: 1031401
REG. NO: N405CD
WORK ORDER:
10342-04-2018



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 N. Rancho Dr. Suite A
Las Vegas, NV 89130
Phone: (702) 309-2200

DATE: 6/15/2018
A/C TSN: 2912.4
ENG TT: 205.9
TSMOH:
FLIGHTTIME: 1906.7

Engine Entries

I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. Changed oil and filter. Cut open filter and checked for metal. None found. Serviced with 8qts. of Aeroshell 100wPlus. Engine run and leak check good. Oil sample taken.
Compression check: #1- 74/80, #2- 70/80, #3- 58/80, #4- 68/80, #5- 68/80, #6- 72/80.
Removed and replaced Induction filter attach pin IAW Cirrus SR22 AMM section 71-60.
Removed and replaced induction flapper bolt IAW Cirrus SR22 AMM section 71-60. Next replacement due 5/2020.

The aircraft and/or component 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 are on file at this facility under the above W.O. number.

DATE: 6/15/2018

SIGNED:

Travis L Anderson

Work Order: 10342-04-2018

Travis L Anderson
Certified Repair Station No. L9OR473Y

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