

# ENGINE LOG BOOK



# Aircraft Engine Test Verification

This document verifies that the engine model listed below has satisfactorily completed all testing listed below in accordance with CM standard engine testing specifications as approved by the FAA.

Engine Model

10550 N41B

Engine Serial Number

1030934

**Testing Completed**

Standard Acceptance Test:

Date of Completion

AUG 07 2015

Test Operator

29769



**Continental Motors, Inc.**





# Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed:08/07/2015

Test Date08/07/2015

This engine model I0550N41B, serial number 1030934 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.

A handwritten signature in blue ink, reading 'Thomas Howard', is written over a horizontal line.

**CONTINENTAL MOTORS, INC.**

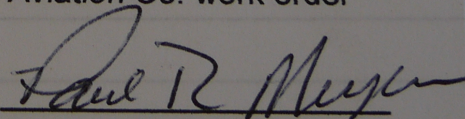
# Lowe Aviation Company

Macon, Georgia

<u>Aircraft Registration</u>	N450AP	<u>Date</u>	9/2/2015
<u>Model</u>	IO550N	<u>Work Order</u>	14055
<u>Serial Number</u>	1030934	<u>Tach</u>	1889
		<u>SMOH</u>	0

This engine installed on N450AP with new engine shock mounts. Installed new hoses. Installed induction duct assembly with new filter. Replaced exhaust header for #5 cylinder. Installed overhauled governor by Southcoast Propeller. Serviced with 8 quarts of 50wt non detergent. Installed new EGT probe in cylinder #4.

This engine has been inspected in accordance with an annual inspection and found to be airworthy. Details are on file under Lowe Aviation Co. work order # 14055.



Paul R. Meyers

FAA Repair Station # FTFR699D



LOWE AVIATION SERVICES,LLC 2178 FLIGHTLINE DR MACON,GA.31216 ETER699D  
LOG ID# 382 28-September-2016 WO# 1585 AC TT 2222.9 HOBBS 2222.9  
N450AP S/N 1028 CIRRUS SR22 TSMOH 333.9

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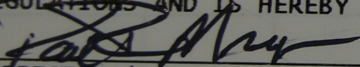
Model: IO-550-N Serial#: 1030934

REMOVED COWLING AND INSPECTED ENGINE USING A CHECKLIST PREPARED IN ACCORDANCE WITH FAR 43  
APPENDIX D. PERFORMED CYLINDER COMPRESSION TEST.  
COMPRESSIONS: #1:62/80 #2:52/80 #3:56/80 #4:60/80 #5:52/80 #6:58. DRAINED OIL REMOVED OIL  
FILTER AND INSPECTED FOR FOREIGN MATERIAL. NONE NOTED. INSTALLED NEW AA48108-2 OIL FILTER.  
SERVICED WITH 8 QUARTS OF PHILLIPS 20 W 50. REPLACED #1, #3, #5, #6 EGT PROBES.  
REMOVED #2 ALTERNATOR, REMOVED GARLOCK SEAL. CLEANED OIL OUT OF ALTERNATOR, INSTALLED NEW SEAL  
P/N 08-25102 NEW GASKET P/N 653487 AND REINSTALLED #2 ALTERNATOR. OPS CHECKED AND LEAKED CHECK  
AFTER GROUND RUN. WORK PERFORMED IAW CIRRUS SR22 MM P/N 13773-001 REV B6 AND CONTINENTAL MOTORS  
MM P/N M-16.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN REFERENCE WITH AN ANNUAL INSPECTION AND WAS  
DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA B-WEEKLY:  
2016-19 AND ARE CURRENT AS OF THIS DATE.

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# ETER699D

THE ENGINE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY  
REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE.

  
INSPECTOR / AUTHORIZED SIGNATURE

ETER699D  
CERTIFICATE #

  
DATE

# Engine Service and Maintenance Record

Date

Total Time

Time Since Last  
Overhaul

Hours

Min

Hours

Min

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

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LOWE AVIATION SERVICES, LLC 2178 FLIGHTLINE DR MACON, GA 31216 ETER699D  
LOG ID# 1170 08-November-2017 WO# 2493/1 AC TT 2658.4 HOBBS 2658.4  
N450AP S/N 1028 CIRRUS SR22 TSMOH 769.4

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\*\*\*\* ITEM # 2493-1 ANNUAL \*\*\*\*


REMOVED COWLING AND INSPECTED ENGINE USING A CHECKLIST PREPARED IN ACCORDANCE WITH FAR 43  
APPENDIX D. PERFORMED CYLINDER COMPRESSION TEST.

COMPRESSIONS: #1:64/80 #2:58/80 #3:54/80 #4:58/80 #5:60/80 #6:60/80. DRAINED OIL. REMOVED OIL  
FILTER AND INSPECTED FOR FOREIGN MATERIAL. NONE NOTED. INSTALLED NEW CH48108-1 OIL FILTER.  
SERVICED WITH 8 QUARTS OF 20W50X/C.

PERFORMED ADJUSTMENT/TEST OF FORWARD EXHAUST BALL JOINTS IAW CHAPTER 78-20-13 OF THE CIRRUS  
SR22 AMM REV B7.

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# ETER699D

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN REFERENCE WITH A 100 HOUR/ ANNUAL INSPECTION  
AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA  
AND ARE CURRENT AS OF THIS DATE.

  
INSPECTOR / AUTHORIZED SIGNATURE

ETER699D  
CERTIFICATE #

Nov 08, 2017  
DATE





10/02/2015

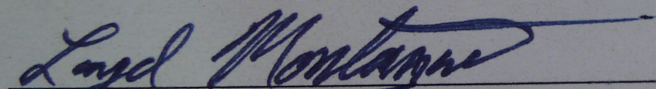
Tach Time: 1862.9 Hrs.

N450AP

Dtrained oil and re-serviced with 8 quarts of Phillips 20-50 XC oil. Removed and inspected the oil filter and installed a new CH48108-2 Filter. Run the engine and checked for leaks.

This aircraft is ready for return to service with respect to the work performed above.

Signed

  
Loyd Montague 1880609 IA