

CONTINENTAL™

AEROSPACE TECHNOLOGIES

ENGINE LOG BOOK

Publication ELB-01

JUN 2019

Service Information

Consult the Continental web site at ***http://www.continental.aero*** for engine related news or announcements. The web site contains useful information for Continental engine owners, including service information and illustrated parts catalogs.

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 for International customers

Warranty Information

This product is covered by Continental Aerospace Technologies™ product warranty. To read or download a copy for your records, please visit the Product Warranty page on our web site at: ***http://www.continental.aero/services/warranty.aspx*** or scan the QR Code to the right to navigate to the page:

Instructions for Continued Airworthiness

For complete access to the engine Instructions for Continued Airworthiness, Illustrated Parts Catalogs, Service Documents, Technical Briefs, company news, and upcoming events, please take a few moments to register the serial number of your engine on our web site: ***http://www.continental.aero/services/owner-registration.aspx*** or scan the QR Code to the right to navigate to the page:

Engine Returns

Return engines for core credit with this log book to:
Continental Aerospace Technologies
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:
Continental Services
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

If a label indicating the engine model and serial number is not affixed in this location, this log book is a replacement or continuation of the original. Consult the original engine log book for any entry prior to the information recorded in this log book.

Continental Motors
FAA PRODUCTION CERTIFICATE NO. 508

Printed:09/08/2023

Test Date09/08/2023

This engine model I0550B82B, serial number 1046044
was manufactured by Continental Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.

CONTINENTAL MOTORS, INC.

Form 6012-03 (Rev Sept 2014)

Iredell Air Care
238 Airport Rd
Statesville, NC 28677

Make: Textron (Beech)
Model: A36
Tail: N71KW
S/N: E-1144
Hours: Tach: 3611.64

Discrepancy: Engine removal - Annual
Corrective Action: Removed engine IO-520-BA S/N 280843R from aircraft N71KW Beech A-36 S/N E-1144 TACH 3639.45 TSMO 2037.38. Installed new engine model IC550B82B S/N 1046044.Installed D' Shannon Engine compartment airflow baffles IAW DSP-DL-15-008 Rev 6 dated 6-19-2018 (SA04625CH). Installed Continental IO-550-B engine IAW D' Shannon installation 71-20-00 dated 10-20-88 DSP-IM95-1, DSP- IM95-2 Rev H dated 2-26-2020 (SA493CH). Installed Hartzell Model PHC-(C,L)3YF-1RF/F8068 Three blade propeller IAW D' Shannon AML # SA01668CH.
Parts Used:#4 Fuel Pressure Hose (Qty: 1)08-05410 OIL 100 SAE 50 MINERAL OIL (Qty: 12)3" dia scat (Qty: 1)J-10520-1 engine mounts (Qty: 4)MS28775-006 o-ring (Qty: 1)
Discrepancy: Ware on rear LH engine mount
Corrective Action: Removed old LH engine mount P/N 35-910027-5 replaced with overhauled LH eng mount P/N 35-910027-5
Parts Used:35-910027-5 LH rear engine mount (Qty: 1)
Discrepancy: warn control cables
Corrective Action: replace control cables
Parts Used:mc35-944046-7 Control, throttle Owner furnished (Qty: 1)mc35-944048-7 control, propeller (owner furnished) (Qty: 1)mc35-944054-7 Control, Mixture - owner furnished (Qty: 1)
I hereby certify that this aircraft was inspected repaired in accordance with an Annual/100hr Inspection, current FAA regulations FAR 43 appendix D, manufactures maintenance manual and has been approved for return to service.

Signed: David R Gagnon
Name: David R Gagnon

Cert: AP 2886160
Date: 01/09/2024

Iredell Air Care
238 Airport Rd
Statesville, NC 28677

Make: Textron (Beech)
Model: A36
Tail: N71KW
S/N: E-1144
Hours: Tach: 3753.6 Hobbs: 2882.2

Compression check: #1 80/74 #2 80/75 #3 80/73 #4 80/72 #5 80/70 #6 80/72. Changed oil & oil filter, inspected old filter. Serviced engine with 12 qts of Phillips XC20W50 oil & Champion oil filter CH48109-1. Cleaned gapped and tested spark plugs. Checked mag timing. Checked exhaust and induction system. Checked controls, hoses and engine mounts. Cleaned engine air filter. Engine washed, ground run, checked for normal operation and leaks. No leaks noted.
Parts Used:
08-05301 Phillips X/C 20-W50 Oil(Qty: 12) CH48109-1 Oil Filter(Qty: 1)
I hereby certify that this engine was inspected repaired in accordance with 100hr inspection and current FAA regulations and has been approved for return to service.

Signed: David R Gagnon
Name: David R Gagnon

Cert: AP 2886160
Date: 01/21/2025



www.continental.aero