

CONTINENTAL

A E R O S P A C E T E C H N O L O G I E S

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**



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

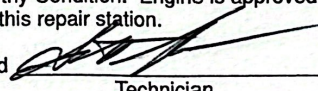
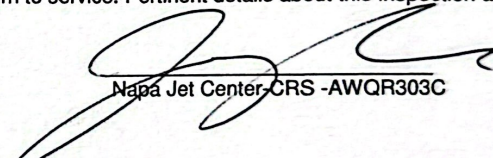
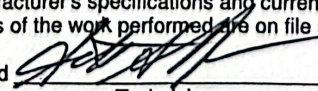
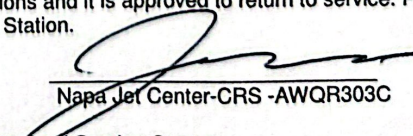
Printed: 11/18/2021

Test Date: 11/17/2021

This engine model TSI0550C20B, serial number 1042363 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)

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	
2/18/22	0.0				<p>NAPA JET CENTER Napa, California 707-224-0887 Www.Napajetcenter.Com</p> <p>Date: 2/18/2022; Aircraft: N799E; Type: LC41-550FG; Hobbs;; Tach: 1318.90; Total Time: 1318.90; Engine - Type: , S/N:, Time: 0.0 Shop Order #: SO6-21-000797 Installed This Rebuilt Engine Model TSIO550C20B, S/N 1042363 with New Components onto Airframe N799E, Model Cessna LC41-550FG, S/N 41620. With New Isolator Mounts P/N 94001-01 per Cessna LC41-550FG Series Maint Manual Ch 71. Installed per Continental M-O Maintenance Manual and Cessna LC41-550FG Series MM Ch 71-78. Torqued per Cessna LC41-550FG MM and Appendix "B" of Continental M-O MM and Safetied associated Hardware. Installed New Engine TSO'd Flammable Liquid Carrying Hoses from Aviall Hose Shop, Van Nuys, CA 91406 order# 1006967680. Torqued all hose connections standard torque for B-Nuts. Installed Overhauled Propeller Governor Model C23093 N/143 S/N 051307. Installed per Cessna LC41-550FG Series Maintenance Manual Ch 61-10-00 and Ch 61-20-00. Serviced Engine with 8 quarts of Aeroshell 100 strait mineral oil and New Filter AA48108-2. Operational Leak check good. Performed Operational and Leak check per Continental M-18 MM Ch 6 - 7. No Discrepancies or leaks noted. See Continental Component Information Sheet Dated 11/18/2021 for Component Information. Complied with Annual Inspection Per FAR Part 43 Appendix D in Scope and Detail. All Woork done in Accordance with applicable manuals I certified that this Engine has been Inspected In Accordance with an Annual inspection and was found in Airworthy Condition. Engine is approved to return to service. Pertinent details about this inspection are on file at this repair station.</p> <p>Signed  Technician  Napa Jet Center-CRS -AWQR303C</p>
					<p>NAPA JET CENTER Napa, California 707-224-0887 Www.Napajetcenter.Com</p> <p>Date: 3/04/2022; Aircraft: N799E; Type: LC41-550FG; S/N: 41620; Tach: 1320.90; Total Time: 1320.90; Engine - Type: , S/N:, Time: 2.00 Shop Order #: SO6-22-000897</p> <p>Installed New Seal Assy P/n 641250 per Continental Standered Practice Manual M-O Rev 1 Change 2 Aug 2021, Section 10-10.1 thru 10-10.4 Crankshaft Nose Oil Seal Replacement. Installed New O-ring into Propeller hub. Re-Installed Propeller per Cessna LC-550FG Series Maintenance Manual Ch 61-10-00 Rev 4 and Torqued to spec of 70-80 ft lbs. Re-installed Front Baffle Assy. Installed Alternator Drive Belt and adjusted tension per Ch 61-10-00 Rev 4. Performed Ground Run and Leak Check. No Discrepancies found and Leak Check Good. Installed EngineCowlng.</p> <p>The aircraft , airframe, engine, propeller, or appliance Identified above was repaired / inspected IAW the manufacturer's specifications and current FAA regulations and it is approved to return to service. Pertinent details of the work performed are on file at this Repair Station.</p> <p>Signed  Technician  Napa Jet Center-CRS -AWQR303C</p> <p>Cessna / Beechcraft Authorized Service Center</p>

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 →

NAPA JET CENTER
 Napa, California
 707-224-0887
 Www.Napajetcenter.Com

Date: 5/11/2022; Aircraft: N799E; Type: LC41-550FG; S/N: 41620; Hobbs: 1338.40; Total Time: 1338.40;
 Engine - Type: TSIO550C20B, S/N: 1042363, Time: 19.50

Shop Order #: SO6-22-000932

Inspected Engine for Oil Leaks and found some residual oil. Cleaned Engine and performed engine run up. Verified oil pressure fluctuation with original oil pressure transducer. No oil leaks were found. Installed New Oil Pressure Transducer P/N P265-100G-E4A. Operational and Leak Check Good. No discrepancies Noted.

Drained Oil and removed oil filter. Cut open old filter and inspected. No contaminants or Discrepancies found. Installed New Filter P/N AA48108-2 Torqued to 17 ft lbs and safetied. Serviced Engine with 8 Quarts of Aeroshell W100 engine oil.

Performed operational run-up. No discrepancies found, leak check good.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired / inspected IAW the manufacturer's specifications and current FAA regulations and it is approved to return to service. Pertinent details of the work performed are on file at this Repair Station.

Signed

Technician

Napa Jet Center-CRS -AWQR303C

Cessna / Beechcraft Authorized Service Center

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 Napa, California
 707-224-0887
 Www.Napajetcenter.Com

Date: 6/27/2022; Aircraft: N799E; Type: LC41-550FG; S/N: 41620; Hobbs: 1345.70; Total Time: 1345.70;
 Engine - Type: TSIO550C20B, S/N: 1042363, Time: 26.80

Shop Order #: SO6-22-000962

Installed New Fuel flow Transducer from Continental Aerospace Technologie, Inc. Mobile Alabama per Cessna LC-550FG series Maintenance Manual Rev 6 May 20,2016 Ch 28-20-00 and Continental M18 Maint Manual Ch 17-11. Fuel Flow Transducer P/n off 656774, S/n off 232732. Transducer P/n on 656774, S/n on 234268. Operational and Leak check good. No Discrepancies Noted.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired / inspected IAW the manufacturer's specifications and current FAA regulations and it is approved to return to service. Pertinent details of the work performed are on file at this Repair Station.

Signed

Technician

Napa Jet Center-CRS -AWQR303C

Cessna / Beechcraft Authorized Service Center

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 →

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Napa, California
707-224-0887
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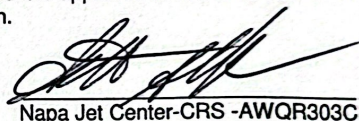
Date: 9/27/2022; Aircraft: N799E; Type: LC41-550FG; S/N: 41620; Total Time: 1370.70

Drained Oil and removed oil filter. Cut open old filter and inspected. No contaminants or Discrepancies found. Installed New Filter P/N AA48108-2 Torqued to 17 ft lbs and safetied. Serviced Engine with 8 Quarts of Aeroshell W100 engine oil. Performed operational run-up. No discrepancies found, leak check good.
Removed Stby Attitude Indicator P/n 4200-10, S/n A06-10183. Installed Overhauled unit P/n 4200-10, S/n D06-10913. Operational check good. No discrepancies noted.
Installed New Manifold Pressure Transducer P/n 165-30A-E1A per Cessna LC41-550FG Maintenance Manual Ch 77-10-00. Operational check good.
Installed New #1 Cylinder CHT Probe P/n 86252 Operational Check good.
Serviced A/C system with R134. Operational check good.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired / inspected IAW the manufacturer's specifications and current FAA regulations and it is approved to return to service. Pertinent details of the work performed are on file at this Repair Station.

Signed


Technician


Napa Jet Center-CRS-AWQR303C

Cessna / Beechcraft Authorized Service Center

NAPA JET CENTER



Beechcraft



Cessna

FLIGHTCRAFT
MAINTENANCE CENTER

Napa Jet Center Inc. dba Flightcraft
2030 Airport Rd
Napa, Ca 94558
707-224-0887
Work Order# APC-23-86

N799E
Date: 04/06/2023
CRS# AWQR303C

S/N 41620
Hobbs: 1389.4
Engine TT: 70.5
Prop TT: 1389.4
Prop TSOH: 70.5

Complied with Annual Inspection Per FAR Part 43 Appendix D in Scope and Detail. All work done in Accordance with applicable manuals.

Performed Compression Check: #1 70/80, #2 70/80, #3 72/80, #4 73/80, #5 78/80, #6 76/80. M.O. 44. No Discrepancies noted.

Drained and Took Oil Sample.

Cut open oil filter no discrepancies found. Installed New Oil Filter Pn: AA48108-2. Serviced Engine with 8 qts of Aeroshell W100.

Complied with AD2023-05-16 per MSB23-01A by fabricated tool 0.179 gauge per Drawing Figure 4. Removed #1 and #3 Cylinders for Inspection of Counterweights. Inspected counterweight clips, position, and gap with tool per MSB23-01A with No discrepancies found. Re- Installed #1 and #3 Cylinders with new seals as per Continental M-18 and M-0, Appendix B, Engine manuals. Performed Engine run up and leak check. No discrepancies found.
Performed Operational and Leak Check of Aircraft and Engine. No Discrepancies Noted.
All current AD's up to date see AD listing in the AD Tab section.

I certified that this Engine has been Inspected in Accordance with an Annual Inspection and was found in an Airworthy Condition. Aircraft is approved to return to service. Pertinent details about this annual inspection are on file at this facility under the shop order above.

Signed


Scott Shreffler

Date:

04/06/2023
Napa Jet Center-CRS-AWQR303C

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 →

NAPA JET CENTER



Deerecraft



FLIGHTCRAFT
AN EQUINE AIRCRAFT COMPANY

Napa Jet Center Inc. dba Flightcraft
2030 Airport Rd
Napa, Ca 94558
707-224-0887
Work Order# APC-23-190

N799E
Date: 09/05/2023

CRS# AWQR303C

S/N 41620
Hobbs: 1413.8
ATT: 1413.8
Engine TT: 94.9

Performed Engine Oil and Filter Change. Removed oil filter and inspected. No contaminants or discrepancies noted. Installed new oil filter P/N Champion AA48108-2 torqued per filter instructions and safetied. Serviced with 8 quarts of Aeroshell W100 engine oil. Installed New Rocker Cover Gaskets on #1 cylinder. Torqued to spec 20-25 inlbs. Performed run and leak check. No discrepancies found; leak check good. Serviced Oxygen with Aviators Breathing Oxygen to 1850 PSI.

The Aircraft and/or component identified above was repaired and inspected in accordance with FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency.

Signed: _____

Scott Shreffler

CRS# AWQR303C

Date: _____

9/05/2023