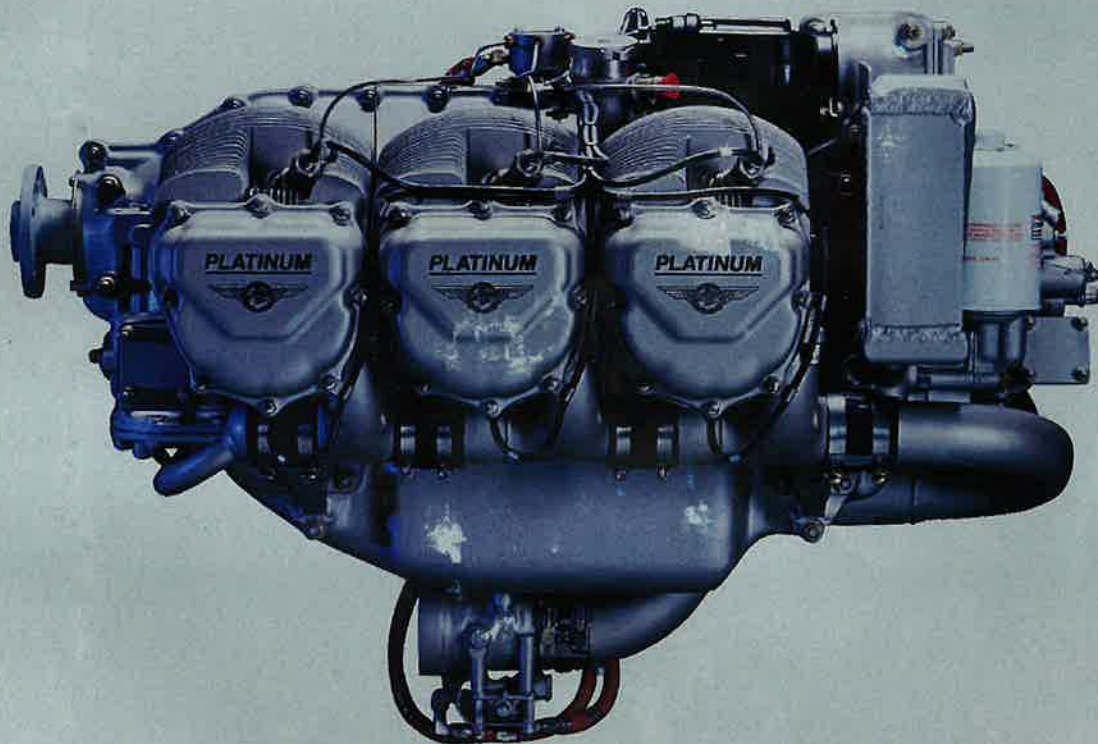


# PLATINUM ENGINE LOG BOOK



## CONTINENTAL MOTORS

# PLATINUM ENGINE LOG BOOK



## CONTINENTAL MOTORS

**USE ONLY FUEL CONFORMING TO ASTM D910  
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



**Teledyne Continental Motors, Inc.**  
A Teledyne Technologies Company

Printed: 07/31/2007

This engine model TSI0550C11, Serial No. 802899 was manufactured on 07/29/2007 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



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**TELEDYNE CONTINENTAL MOTORS**

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508





### Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

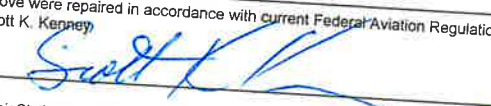
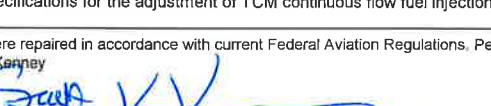
### Engine Returns

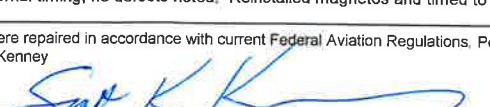
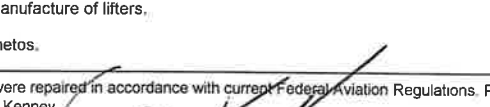
All returned engines are to be shipped with this log book  
Directly to:

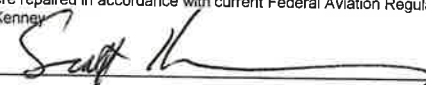
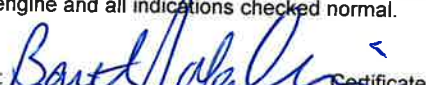
Teledyne Continental Motors  
2039 Broad Street  
Mobile, AL 36615


Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
8-24-07	0	0	0	0	 <p>This engine S/N 802899 installed in LC41-550FG S/N 41791.</p> <p><i>Francie Mills</i> Columbia Aircraft Mfg.</p>
11-15-07	~10				Add 1 QT
11-20-07	13.4				Add 1 QT
 <p>Cessna Aircraft Company 22550 Nelson Road Bend, OR 97701</p>					N369BW Hobbs: 22.1 Date: January 18, 2008 TSIO550C11 S/N: 802899
Performed oil change. Removed, cut open, inspected and installed new oil filter. No defects noted inside old filter. Drained mineral oil from sump. Replenished sump with 8 quarts Exxon Elite 20W50 multigrade oil. Performed TCM SID97-3C Engine Setup. All work done per TCM Overhaul and Maintenance Manual M-18.					
					Kennen Andersen AP482866633IA
ENGINE MODEL: ENGINE S/N: REG. NO: 369bw WORK ORDER: 2726-09-2008		<b>Fair Air L.L.C.</b> Repair Station No. QFBR152Y 3821 S Airport Road, Unit C6 Ogden, UT 84405 Phone: 801-399-3042		DATE: 9/29/2008 A/C TSN: ENG TT: HOBBS: 72	
<b>Engine Entries</b> (1) Removed eng. cowlng. Separated waste gate from acuator at linkage and checked operation. Waste gate catches at fully closed position momentary and actuator makes noise upon retract. See item #2.... (2) Removed waste gate assembly and m.p. controller and sent to Main Turbo for repairs. Re-installed over hauled waste gate assembly S/N KGN00058 P/N 646317, and M.P. Controller S/N KCN01061 P/N 646318-4. Replaced #6 oil line fitting from waste gate actuator due to small leakage. Also replaced burnt drain line hose to actuator. Operational checked good, reset max manifold pressure.					
Maintenance Release  The aircraft and/or component(s) on 369bw was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 2726-09-2008, Dated 9/29/2008.					
DATE: 9/29/2008		SIGNED:  Marty Peterson Certified Repair Station No. QFBR152Y		Work Order: 2726-09-2008 Printed by EBis 3 (datcomedia.com)	



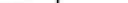
Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	<div><div>ViaJet Aircraft LLC 15053 Crosswind Drive Burlington, WA 98233 (360) 428-7015</div><div>N369BW Columbia LC41-550FG S/N 41791 Hobbs: 076.8</div><div>- I certify that this Engine has been inspected IAW an Annual Inspection and was determined to be in airworthy condition. Performed all routine servicing and lubrication required for this type of inspection. Compression tested: 1)62/80 2)70/80 3)64/80 4)67/80 5)72/80 6)68/80. Serviced with Exxon Elite 20W50 oil and a new oil filter. Sent an oil sample out for analysis. <i>-This aircraft/component is approved for return to service.</i></div><div>ACTT: 076.8 10/15/2008 CESSNA, MOONEY &amp; DIAMOND FACTORY AUTHORIZED SERVICE CENTER</div><div>Craig Scamhorn AP532980649IA</div></div>				
	<div><div>ENGINE MODEL: T92R725Y ENGINE S/N: 802899 REG. NO: 369BW WORK ORDER: 4046</div><div>Troutdale Aircraft Services, Inc. Repair Station No. T92R725Y 1250 NW Perimeter Way Troutdale, OR 97060 USA Phone: 503-666-3838</div><div>DATE: 6/8/2009 A/C TSN: 81 ENG TT: 81 HOBBS: 81</div></div>				
	<b>Engine Entries</b> TCM - C/W SB 08-13 Induction system hose and clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose installation. TCM - C/W SID 97-3E dated 06-17-08 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems. I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney DATE: 6/8/2009 SIGNED:  Scott Kenney Certified Repair Station No. T92R725Y Work Order: 4046 Printed by EBis 3 (datcomedia.com)				
	<div><div>ENGINE MODEL: T92R725Y ENGINE S/N: 802899 REG. NO: 369BW WORK ORDER: 4046</div><div>Troutdale Aircraft Services, Inc. Repair Station No. T92R725Y 1250 NW Perimeter Way Troutdale, OR 97060 USA Phone: 503-666-3838</div><div>DATE: 6/8/2009 A/C TSN: 81 ENG TT: 81 HOBBS: 81</div></div>				
	<b>Engine Entries</b> TCM - C/W SB 08-13 Induction system hose and clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose installation. TCM - C/W SID 97-3E dated 06-17-08 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems. I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney DATE: 6/8/2009 SIGNED:  Scott Kenney Certified Repair Station No. T92R725Y Work Order: 4046 Printed by EBis 3 (datcomedia.com)				

Date	Total Time	Time Since Last Overhaul	<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins	DATE: 12/10/2009 A/C TSN: 100.2 ENG TT: 100.2 HOBBS: 100.2	d IS,
Brought Forward	<div><div>ENGINE MODEL: TSIO550-C11 ENGINE S/N: 802899 REG. NO: 369BW WORK ORDER: 4323</div><div>Troutdale Aircraft Services, Inc. Repair Station No. T92R725Y 1250 NW Perimeter Way Troutdale, OR 97060 USA Phone: 503-666-3838</div><div>DATE: 12/10/2009 A/C TSN: 81 ENG TT: 81 HOBBS: 81</div></div>				
	<b>Engine Entries</b> 2 100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed using Exxon Elite 20W50 oil. The filter was removed, inspected and OK. Installed new filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard: 1) 74, 2) 75, 3) 71, 4) 76, 5) 73, 6) 74. 4 TCM - C/W SID 97-3E dated 06-17-08 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems. 5 TCM - C/W SB 643B Maintenance intervals for TCM and Bendix Magnets dated 4-6-2005. 6 TCM - C/W SB 03-3 Differential Pressure test and bore scope inspection procedures for cylinders dated 3-28-03. Borescope inspection reveals no defects. Compressions as follows: 1)74/80 2) 75/80 3) 71/80 4) 76/80 5) 73/80 6) 74/80. 7 TCM - C/W SB 95-2 Lubrication of engine controls after washing engine dated 4-21-1995. 8 TCM - C/W SB 96-12 Continued Airworthiness Instructions for TCM Cylinders dated 9-10-96 by inspection in accordance with referenced service bulletin. No defects noted. 9 TCM - C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-07. Found magnetos mis-timed. Removed and inspected magnetos. No defects noted. Reinstalled magnetos and timed to 24 deg btdc. 10 TCM - C/W SB 08-13 Induction system hose and clamp installation, to include the intercooler hose connections. Due each induction hose installation. Torqued all hose clamps to 30inlbs. 11 TCM - C/W SID 05-7 Positioned tuned fuel injection nozzles dated 6-24-2005. Removed, cleaned and reinstalled fuel nozzles in accordance with bulletin. 12 TCM - C/W SID 97-2B Top care compliance information dated 4-19-2004. 35 Removed magnetos for inspection. Inspected internal timing, no defects noted. Reinstalled magnetos and timed to 24° btdc. I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney DATE: 12/10/2009 SIGNED:  Scott Kenney Certified Repair Station No. T92R725Y Work Order: 4323 Printed by EBis 3 (datcomedia.com)				
	<div><div>ENGINE MODEL: TSIO550-C11 ENGINE S/N: 802899 REG. NO: 369BW WORK ORDER: 4719</div><div>Troutdale Aircraft Services, Inc. Repair Station No. T92R725Y 1250 NW Perimeter Way Troutdale, OR 97060 USA Phone: 503-666-3838</div><div>DATE: 2/1/2011 A/C TSN: 145.5 ENG TT: 145.5 HOBBS: 145.5</div></div>				
	<b>Engine Entries</b> 2 TCM - 100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed using Exxon Elite 20W50. The filter was removed, inspected and OK. Installed new filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard: 1) 78 2) 69 3) 67 4) 70 5) 67 6) 75. 4 TCM - C/W MSB 94-8C Magneto to engine timing. Date of revision 4-27-07. 5 TCM - C/W SB03-3 Differential Pressure test and bore scope inspection procedures for cylinders. Borescope reveals normal wear, no defects. 6 TCM - C/W SB 643 B Maintenance intervals for TCM and Bendix Magnets. 7 TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine. 8 TCM - C/W SB 96-12 Continued Airworthiness Instructions for TCM Cylinders. Visually inspect cylinders and cylinder heads for cracks and stains. 9 TCM - C/W SID 97-3E dated 2-28-05 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems. 10 TCM - C/W SID 97-2B Top care compliance information. Required annually to comply with TCM top care cylinder warranty. Cylinder Differential compression check and trend monitoring - Cylinder borescope inspection - Oil consumption trend monitoring - Oil Analysis trend monitoring - Baffle condition inspection - Induction system examination - Cowling inspection and cowl flap operational check - Ignition system inspection - Fuel system setup - Verification of accuracy of engine gages - Flight test. 11 TCM - C/W SB 08-13 Induction system hose and clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose installation. 15 AD 2010-11-04 Hydraulic lifters N/A by date of manufacture of lifters. 30 Adjusted magneto to engine timing on both magnetos. I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney DATE: 2/1/2011 SIGNED:  Scott Kenney Certified Repair Station No. T92R725Y Work Order: 4719 Printed by EBis 3 (datcomedia.com)				


Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Br					
MAKE: Cessna MODEL: LC41-550FG S/N: 41791 REG. NO: 369BW WORK ORDER: 4739					DATE: 2/25/2011 A/C TSN: 152.9 HOBBS: 152.9
Troutdale Aircraft Services, Inc. Repair Station No. T9ZR725Y 1250 NW Perimeter Way Troutdale, OR 97060 USA Phone: 503-666-3838					
<b>Airframe Entries</b>					
2	Replaced #2 EGT probe with new. Function check OK.				
I certify that this Aircraft and or components identified above were repaired in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station under the above work order number. Chief Inspector Scott K. Kenney					
DATE: 2/25/2011		SIGNED: 		Work Order: 4739 Printed by EBis 3 (datcomedia.com)	
Scott Kenney Certified Repair Station No. T9ZR725Y					
Date: 7/18/2011; Aircraft: N369BW; Hobbs: 163.80; Tach.; Total Time: 163.80; Engine - Type: , S/N.; Time: Ground ran aircraft to verify #1 CHT high indication discrepancy and check all indicating parameters. Found #1 cylinder indicating 130 degrees higher than all other cylinders. Removed engine cowl. Removed 31 cylinder head thermocouple and cleaned connections, reinstalled and re ran engine same problem indicated. Removed #1 Cylinder head thermocouple and #5 cylinder thermocouple and reinstalled in opposite positions. Ground ran engine and all indications checked normal.					
Approved by:  Certificate # <u>41791</u> Port Townsend Aircraft Services, LLC 191 Airport Rd, Port Townsend, WA 98368 360-385-7770					


Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
ENGINE MODEL: TSIO550-C11 ENGINE S/N: 802899 REG. NO: 369BW WORK ORDER: 4873					DATE: 4/27/2012 A/C TSN: 181.8 ENG TT: 181.8 TSMOH: HOBBS: 181.8
Troutdale Aircraft Services, Inc. 1250 NW Perimeter Way Troutdale, OR 97060 Phone: 503-666-3838					
<b>Engine Entries</b>					
2	100 hour - Engine - I certify that this Engine has been inspected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D and was found airworthy for return to service. Oil was changed using . The filter was removed, inspected and OK. Installed new filter and safetied. A compression check was performed this date and are as follows using 80lbs as standard:				
14	TCM - C/W MSB 94-8D Magneto to engine timing. Date of revision 2-17-10.				
15	TCM - C/W SB 03-3 Differential Pressure test and bore scope inspection procedures for cylinders.				
16	TCM - C/W SB 08-13 Induction system hose and clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose installation.				
17	TCM - C/W SB 643 B Maintenance intervals for TCM and Bendix Magnetoes.				
18	TCM - C/W SB 95-2 Lubrication of engine controls after washing engine. Recurring each 100 / Annual inspection or after washing engine.				
19	TCM - C/W SID 97-3E dated 06-17-08 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.				
DATE: 4/27/2012		SIGNED: 		Work Order: 4873 Printed by EBis 3 (datcomedia.com)	
Scott Kenney, IA: 543760444 IA					
Page 1 of 1					
90454 Boeing Drive Eugene, OR 97402					
<b>FLIGHTCRAFT</b>					
Log Entry Type: Engine Reg #: N369BW Model: TSIO-550C S/N: 802899					
Hobbs/HM: 219.7 ETT: 219.7					
Following repairs accomplished:					
Sqk	Work Performed				
1.1	Drained oil and serviced with seven quarts of Exxon Elite 20W50 oil. Removed and inspected oil filter. No abnormal debris noted. Installed new Champion CH48108-1 oil filter. Engine run and leak checked. No leaks noted. Work performed in accordance with the Cessna 400 AMM chapter 12-10-00.				
This certifies that only work requested by the customer under W.O.#: eug-12-73 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END.					
Edward A Wakefield A&P2836947					Date: 7-25-2012




Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					

	<h1 style="text-align: center;">Van Bortel Aircraft Inc.</h1> <p style="text-align: center; color: red;"><i>The World's Most Experienced Cessna Corvallis Service Facility</i></p>			
	4912 S. Collins St Arlington, TX 76018	817.468.7788 Fax: 817.468.5611	FAA CRS# VNFR171L <a href="http://www.vanbortel.com">www.vanbortel.com</a>	

	<h1>Van Bortel Aircraft Inc.</h1>		
	<p><i>The World's Most Experienced Cessna Corvalis Service Facility</i></p>		
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Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

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	4912 S. Collins St Arlington, TX 76018	817.468.7788 Fax: 817.468.5611	FAA CRS# VNFR171L www.vanbortel.com

06/01/14	291.8	291.8	<p>PERFORMED ANNUAL INSPECTION          IHW FAR 43 APP D US/AC          MANUFACTURERS CHECKLIST.          DCP = #1 68/80 #2 64/80 #3 67/80          #4 70/80 #5 64/80 #6 66/80. CHANGED          OIL + FILTER, RESERVICED          WITH A/S 15050 AND CH48108-1          FILTER. C/L'g MAG TIGHTER OK.          STATIC RUN-UP NORMAL.</p>
			<p>I Certify that this AIRCRAFT ENGINE          has been inspected in accordance with          A/AN Annual/100 HR. inspection          and was determined to be in airworthy          condition.          DATE 6/1/14 TOTAL TIME 291.8          SIGNED: <u>[Signature]</u>          Gary L. Giarraputo          A/P 450026491 IA</p>

[illegible][illegible]



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
07-10-15	305.5	305.5			PERFORMED ANNUAL INSPECTION IAW FAR 43 APP D USING MAINTENANCE CHECKLIST OIL = #1 78/80 #2 78/80 #3 78/80 #4 71/80 #5 78/80 #6 78/80. C/O ENGINE MONITOR, HOSTS EXHAUST, CONTROLS, STATIC RUN-UP NORMAL.
					I certify that this AIRCRAFT ENGINE has been inspected in accordance with A/AN Annual 100 HR. inspection and was determined to be in airworthy condition. DATE 7/10/15 TOTAL TIME 305.5 SIGNED: Gary L. Giarapulo A/P 450026491 IA

DATE 13 August 2016		KUSA AVIATION, LLC 4700 Hangar Dr. Beaumont Texas 77705		409-727-7900-O 409-727-7901-F			
<input checked="" type="checkbox"/> Powerplant		Reg. # B369BW	Model: LC41-550FG	S/N: 41791	Tach: 329.2	ACTT: 329.2	
Performed annual inspection IAW FAR 43 Appendix D with reference to Cessna LC41-550FG maintenance manual, dated May 20th 2016. Cylinder Pressure Check #1: 78/80 #2 79/80 #3 80/80 #4 78/80 #5 79/80 #6 80/80. Removed and replaced oil filter with Champion CH48108-1 Serviced with 7 Qts Aeroshell 5W50. Checked Mag timing. Ran up and performed leak check. Mag drop 60 RPM Left and Right. ADs check through Bi-Weekly 2016-16.							
I determined this aircraft to be in airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacture's maintenance instructions							
Signature: 		Tech: Brian Thompson		8/13/2016		A&P IA 2729837	



Continental TSIO-550-C11B S/N: 802899  
Engine on N369BW LC41-550FG S/N: 41791

Oct 2, 2017  
ENGT: 343.1  
AFTT & Hobbs: 343.1

1. Complied with a 100-hr inspection using FAR 43 app D and LC41-550FG MM as a guide.
2. Complied with AD 16-21-04 Failure of the Oil Cooler Cross Fitting by removing AN918 fitting, inspecting port threads (no defects noted) and installing new fitting PN 658607 IAW CSB15-2C.
3. Replaced oil filter with new PN CH4810-1, serviced with 7-qts of AS 15W50, engine run and leak check good. Opened old filter for inspection, no defects noted

Rodney L. Frazier

A&P 3441617

I certify that this ENGINE was inspected in accordance with ANNUAL inspection required by FAR 91.409 (a)(1) and determined to be in an airworthy condition.

Grant R Neilson

A&P 3691098 IA

DATE: 11-07-2018		KUSA AVIATION, LLC 4700 Hangar Dr. Beaumont Texas 77705		409-727-7900-O 409-727-7901-F			
<input checked="" type="checkbox"/> Engine		REG: N369BW	MODEL: TSIO-550-C1 1B	S/N: 802899	TACH: 375.1	TSO: 375.1	TSN: 375.1
<ol style="list-style-type: none"> <li>1. C/W Annual inspection IAW FAR 43 app D and LC41-550FG AMM as a guide.</li> <li>2. Inspected air induction filter no defects noted.</li> <li>3. Oil and filter change not due until 393.1 Hobbs time.</li> <li>4. Replaced spark plugs 12 each and checked gaps iaw amm.</li> <li>5. No recurring AD'S per compliance list at this time.</li> </ol>							
All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions. I certify that this Engine has been inspected in accordance with an ANNUAL INSPECTION required by FAR 91.409 (a)(1) and was determined to be in airworthy condition							
Signature: 		Technician: Grant R Neilson		Certificate: A&P/IA #3691098			

DATE: Dec-01-2019		KUSA AVIATION, LLC 4700 Hangar Dr. Beaumont Texas 77705		409-727-7900-O 409-727-7901-F			
<input checked="" type="checkbox"/> Engine		Reg. # N369BW	Model: TSIO550C11	S/N: 802899	TACH: 416.3	TSN: 416.3	
<ol style="list-style-type: none"> <li>1. C-W a 100-hour inspection in accordance with FAR 43. Appendix d. &amp; the manufacturer's inspection checklist as a guide.</li> <li>2. Drained oil &amp; removed oil filter &amp; inspected for contaminants. None noted at this time. Installed new CH48108-1 oil filter &amp; serviced engine with 7qts Phillips 20W50 oil.</li> <li>3. Performed comp check in accordance with TCM SB84-15 &amp; all checked within service limits at this time. Clean &amp; gapped spark plugs, checked mag time &amp; found at 22 BTDC. Reinstalled spark plugs.</li> <li>4. See Airworthiness Directives Compliance record this date for details.</li> <li>5. Installed new p/n: BA-34SE air filter.</li> <li>6. Engine ground run, performance &amp; leak checked satisfactory at this time.</li> <li>7. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.</li> <li>8. This engine was inspected in accordance with a 100-hour inspection &amp; approved for return to service for work performed at this time.</li> </ol>							
Signature: 		David R Scherer A&P3798450 IA					





FAA CRS# VNFR171L

4912 S. Collins St  
Arlington, TX 76018  
817-468-7788  
www.vanbortel.com

N369BW

CESSNA

CONTINENTAL

Hour Meter: 537.2

Total: 537.2  
LC41-550FG

TSIO-550-C (11)

02/27/2024

SERIAL: 41791

W.O: CV10526

SERIAL: 802899




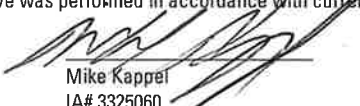


PERFORMED A PREBUY EVALUATION, REMOVED COWLING AND PANELS AS NEEDED. REMOVED THE SPARK PLUGS AND PERFORMED COMPRESSION CHECK, REINSTALLED THE SPARK PLUGS. PERFORMED LIFTER & CAMSHAFT EVALUATION ON CYLINDERS #1, #3 AND #5. REASSEMBLED ENGINE USING ALL NEW GASKETS, SEALS IAW CONTINENTAL M-18 SECTION 17-3 AND CONTINENTAL M-0 APPENDIX B. GROUND RAN ENGINE, NO LEAKS NOTED. REINSTALLED COWLING AND PANELS.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

ERIC MONROE  
INSPECTOR

*Eric Monroe*



Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
DATE: Jan-11-21	<b>KUSA AVIATION, LLC</b> 4700 Hangar Dr. Beaumont Texas 77705 409-727-7900-O 409-727-7901-F				
<input checked="" type="checkbox"/> Engine	Reg. # N369BW	Model: TSIO550C11	S/N: 802899	TACH: 420.3	
1. C-W a 100-hour inspection in accordance with FAR 43, Appendix d. & the manufacturer's inspection checklist as a guide. 2. Drained oil & removed oil filter & inspected for contaminants. None noted at this time. Installed new CH48108-1 oil filter & serviced engine with 7qts Phillips 20W50 oil. 3. Performed comp check in accordance with TCM SB84-15 & all checked within service limits at this time. Clean & gapped spark plugs, checked mag time & found at 22 BTDC. Reinstalled spark plugs. 4. See Airworthiness Directives Compliance record this date for details.. 5. Engine ground run, performance & leak checked satisfactory at this time. 6. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions. 7. This engine was inspected in accordance with a 100-hour inspection & approved for return to service for work performed at this time.					
Signature:  <div style="text-align: right;">David R Scherer A&amp;P3798450 IA</div>					
<div style="display: flex; justify-content: space-between;"> <div>  <b>ALAMO AERO SERVICES, INC.</b>            P.O. BOX 460212 SAN ANTONIO TX 78246 PHONE (210) 525-9677 FAX (210) 525-1226         </div> <div>           DATE: 11/8/2021            HOBBS: 450.9         </div> <div>           REG.NO: N369BW            ENGINE S/N: 802899         </div> </div> <p>Performed the following maintenance:</p> <ul style="list-style-type: none"> <li>Performed annual inspection in accordance with Cessna LC41-550FG Maintenance Manual.</li> <li>Compression test results: 1) 55/80, 2) 68/80, 3) 44/80, 4) 62/80, 5) 64/80, 6) 67/80.</li> <li>Drained engine oil, changed filter p/n: CH48108-1 and serviced with 7 qts. of Phillips XC20w50.</li> <li>Reclocked left turbocharger.</li> </ul> <p>I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. The maintenance and / or inspection performed on the engine identified above was performed in accordance with current federal aviation regulations and was found to be airworthy for return to service.</p> <div style="text-align: right;">             Mike Kappel            IA# 3325060         </div>					
<div style="display: flex; justify-content: space-between;"> <div>  <b>CommandAviation</b>            2000 W Bakerview Road            Bellingham, WA 98226         </div> <div> <b>ENGINE</b>            A/C: N369BW S/N: 41971 AFTT: 510.2 Date: 02/14/2023            ENGINE: TSIO-550-C11 S/N: 802899 TSN: 510.2            C/W 100 Hr inspection IAW FAR 43(d). Performed compression test, compressions as follows: 77, 78, 66, 79, 77 &amp; 74/80. Removed the spark plugs, cleaned, gapped, tested and reinstalled. Replaced spark plug gaskets with new p/n: M674. Drained the oil and removed oil filter. Cut filter and inspected for debris, none noted. Installed new oil filter AA48108-2 and serviced with 20W50. Removed both magnetos and replaced with overhauled replacements (LH 10-500556-101R L-01499) (RH 10-500556-101R L-01500). All maintenance performed IAW TSIO-550 and LC41-550FG MM as applicable. Performed post maintenance ops and leak check. no defects noted.         </div> </div> <p style="text-align: right;">I certify this engine installation was inspected IAW Annual Inspection and found to be in an airworthy condition.</p> <div style="text-align: right;">             Cassidy Moore A&amp;P/ IA         </div>					

Date	Reg #:	Model:	Serial #:	Work Order #:	Hobbs:	Tach:	Total Time:	Date:
	N369BW	Cessna LC41-550FG	41791	25590	542.5		542.5	5-16-2024
S/N 802899 ETT: 542.5 Performed annual inspection using Cessna LC41-550FG maintenance manual inspection checklist as a guide. Performed compression check with the following results, 1) 76/80 2) 74/80 3) 75/80 4) 72/80 5) 74/80 6) 74/80, MO "42". C/W AD 2023-09-09 by replacement of LH & RH V-band clams with new P/N 670105, next inspection due 5-2025, replacement due: TT: 1042.5. Removed oil and filter, cut open filter no metal noted. Installed new CH48108-1 filter and serviced with 8 qts of Aeroshell 100 mineral oil. Removed and replaced all cylinders with repaired units , #1 P/N 655477 S/N AC06GB199, #2 P/N 655474 S/N AC09JA940, #3 P/N 656946 S/N AC07CA922, #4 P/N 656946 S/N AC08DA649, #5 P/N 656946 S/N AC07CA904, & #6 P/N 656946 S/N AC06JA421. All cylinders repaired by CRS# PP4R448M under WO# 28851. Removed and replaced all lifters with new P/N SA638488 & SA646277. Removed, cleaned, inspected, and reinstalled all fuel nozzles. Installed new bushing in RH exhaust support arm P/N 654309. Removed and replaced air adapter assembly P/N 646797. Removed and replaced starter adapter rear shaft seal with new P/N 55174. Performed fuel system setup per M-O maintenance manual. Washed engine and ground ran aircraft. Systems ops check normal, no leaks or defects noted at this time. For Further details see WO#25590 on file this station. I certify this engine has been inspected IAW a 100 HOUR inspection and is approved for return to service.								
For: <b>Bass Aviation DBA Air Care</b> FAA Repair Station ACOR030C								
	N369BW	Cessna LC41-550FG	41791	25746	556.5		556.5	1-23-2025
S/N 802899 ETT: 556.5 Removed and reinstalled fuel pump P/N 649368-44A4 S/N CF055K01 after overhaul by CRS# 9KPR369B under WO# 0055K. Removed and reinstalled fuel control valve P/N 656785-2 S/N CF005J01 after overhaul by CRS# 9KPR369B under WO# 0055J. Removed and replaced all sparkplugs with new P/N URHB32E. Removed and reinstalled LH & RH MAGs, after bench check, with new gaskets P/N 649954 and timed to engine. Performed fuel system setup per M-0 manual, adjusted fuel, RPM, and manifold settings as needed. Ground ran aircraft, systems ops check normal, no leaks or defects noted at this time. For further details see WO#25746 on file this station.								
For: <b>Bass Aviation DBA Air Care</b> FAA Repair Station ACOR030C								
	N369BW	Cessna LC41-550FG	41791	25771	556.5		556.5	1-23-2025
S/N 802899 ETT: 556.5 Removed oil filter, cut open, and inspected, no defects or metal noted at this time. Installed new CH48108-1 filter and serviced engine with 2qts of Aeroshell 100 mineral oil. Performed compression check with the following results, 1) 74/80 2) 75/80 3) 78/80 4) 73/80 5) 75/80 6) 76/80, MO "41". Ground ran aircraft, systems ops check normal, no leaks or defects noted at this time. For further details see WO#25771 on file this station.								
For: <b>Bass Aviation DBA Air Care</b> FAA Repair Station ACOR030C								



Date

DMAC Aero LLC - 34 Hangar Road - Savannah, GA 31408 - (912) 964-1022

N369BW  
HOBBS: 599.2Continental, TSIO-550-C, S/N: 802899  
SINCE NEW (HOBBS):  
599.2

August 22, 2025

Brought Forwa

1. **ANNUAL ENGINE INSPECTION** Performed aircraft engine inspection IAW the scheduled inspection checklist in chapter 5-20-00 of the Columbia LC41-550FG series AMM# 400MM. Drained engine oil, collected sample, removed oil filter, opened and inspected filter media for metallic debris (none noted). Installed new oil filter PN: CH48108-1 and serviced engine with 7 Qts of Phillips 20W-50 XC. Checked engine compressions: #1-70, #2-72, #3-76, #4-78, #5-72, and #6-78/80 and checked engine to magneto timing. Cleaned, inspected, gapped, tested, and reinstalled all spark plugs with new gaskets P/N M674. Visually inspected engine, engine mounts, air intake and exhaust systems, plumbing, wiring and cowling. Cleaned, inspected and flushed fuel system from vents through to injectors. Performed ground run up, ops check good, no leaks noted. Reviewed Airworthiness Directives 2025-16 Bi-Weekly dated: 7/28/2025 thru 8/10/2025 and verified that all applicable AD's, ICA's and Airworthiness Limitations have been complied with. See AD list generated 8/22/2025 for a complete listing of AD's.
2. **AD 2023-09-09 V-Band Coupling Inspection.** Complied with by inspection of the LH and RH turbo v-band clamps PN: 67015 per para (j) of AD instructions. (checked good). Next due: AUG-2026.
3. **12Month/100Hr Maintenance, GAMI Injectors** Complied with by removal, cleaning and inspection of the fuel injectors per instructions listed in the ICA section of the GAMI injector installation document# IP-2001-02. Next due: AUG-2026 or 699.2 Hobbs.

wo: WO\_011596

Engine - page 2 of 2

DMAC Aero LLC - 34 Hangar Road - Savannah, GA 31408 - (912) 964-1022

All maintenance completed in accordance with applicable sections of the manufacturer's maintenance manual. I certify that this engine has been inspected IAW an Annual Inspection and a listing of discrepancies and unairworthy items dated 8/22/2025 has been provided to the aircraft owner or operator.

Arthur Leblanc A&amp;P, I.A. 3298771

wo: WO\_011596

Engine - page 1 of 1

DMAC Aero LLC - 34 Hangar Road - Savannah, GA 31408 - (912) 964-1022

N369BW  
HOBBS: 599.2Continental, TSIO-550-C, S/N: 802899  
SINCE NEW (HOBBS):  
599.2

August 22, 2025

1. Removed the engine driven fuel pump, fuel control valve, fuel flow divider and all GAMI injectors. All items were sent to Consolidated Fuel Systems for a fuel system bench check. (An issue as found with the fuel divider and the unit was overhauled by Consolidated).
2. Reinstalled the engine driven fuel pump PN: 649368-44A4, SN: CF055K01, the throttle & metering unit PN: 656785-2, SN: CF055J01, and the overhauled fuel flow divider PN: 646433-14A1, SN: CF061S01. Installed a new replacement #5cyl GAMI fuel injector and reinstalled all other GAMI injectors using new o-ring seals. Aircraft was ground run and a fuel flow systems check was performed. All work performed IAW the Continental TSIO-550 series engine MM# M-0 and the General Aviation Modifications, Inc(GAMI) injector installation document# IP-2001-02. Engine operationally checked good, no issues noted.

All maintenance completed in accordance with applicable sections of the manufacturer's maintenance manual. All operational, rigging and functional checks tested satisfactorily. I certify that the maintenance identified above has been inspected and the items are approved for return to service.

Arthur Leblanc A&amp;P, I.A. 3298771

wo: WO\_011596

Engine - page 1 of 1

DMAC Aero LLC - 34 Hangar Road - Savannah, GA 31408 - (912) 964-1022

N369BW  
HOBBS: 599.2Continental, TSIO-550-C, S/N: 802899  
SINCE NEW (HOBBS):  
599.2

August 22, 2025

All unairworthy items noted during the Annual inspection that was performed on this aircraft under W/O: 11596 have been resolved and/or repaired in accordance with applicable maintenance data. This engine has been inspected and is approved for return to service..

Arthur Leblanc A&amp;P, I.A. 3298771



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DMAC Aero LLC · 34 Hangar Road · Savannah, GA 31408 · (912) 964-1022

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**N369BW**  
HOBBS: 599.9**Continental, TSIO-550-C, S/N: 802899**  
SINCE NEW (HOBBS):  
599.9**September 05, 2025**

Complaint of rough running engine, loss of power and fuel leakage. Removed engine cowlings and inspected engine during ground run up for signs of fuel leakage. No visual leaks were noted. Source of fuel leak appeared to be coming from the steel fuel supply tube routing from the fuel control valve to the fuel flow manifold.(suspect tube to have hairline crack). This line was removed and a new replacement line PN: 656788 was installed IAW the Continental TSIO-550 series engine MM# M-0. Performed ground run up and allowed engine to get to operation temperatures. Inspected for fuel leaks, no leaks noted.

All maintenance completed in accordance with applicable sections of the manufacturer's maintenance manual. All operational, rigging and functional checks tested satisfactorily. I certify that the maintenance identified above has been inspected and the items are approved for return to service.

John Cherry A&amp;P 4180693