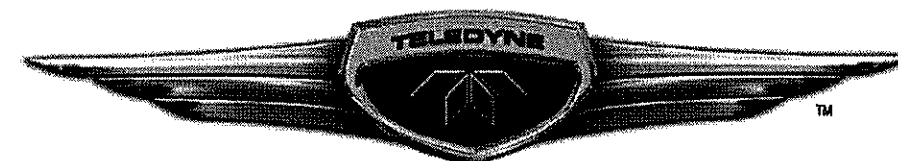


PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Manufactured by
Teledyne Continental Motors, Inc.
in accordance with approved design data. A Teledyne Technologies Company
Part 21 of the Federal Aviation Regulation. Printed: 11/12/2004

This engine model **TS10550C7**, Serial No. **914304** was manufactured on 11/12/2004
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.

Thomas A. Howard Jr.

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
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

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.	
11-14-04	0	0	0	0	 THE LANCAIR COMPANY Certified Aircraft This engine S/N 914304 installed in N51GK LC41-550FG S/N 41042 <i>Francie Mills</i> For The Lancair Company



22550 Nelson Road
 Bend, Oregon 97701

THE
 LANCAIR
 COMPANY
 Certified Aircraft

N51GK Hobbs: *8.9*
 Date: 12/17/04
 TCM TSIO550C7
 S/N: 914304

Replaced left magneto ignition harness with new, PN 10-423604-21. Cleaned and rotated #3 cylinder spark plugs. Cleaned and resealed #3 cylinder fuel injector. Operational and leak checked, no defects noted.

Steven R. Hansen Steven R. Hansen A&P542944943

Registration: N51GK
 Model: LC41-550FG
 Serial: 41042










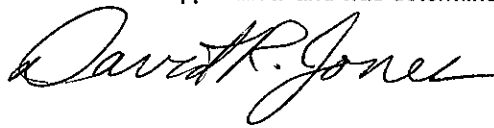


4151 N Main St.
 Fort Worth Texas 76106
 817-625-2719

Engine Log Date: 01/18/2005 Hour Meter: 51.5 Total Time: 51.5



Drained engine oil, took warm oil sample. Removed oil filter, installed new ch48108-1 oil filter. Serviced engine with 8 quarts Exxon Elite 20W50 oil. Ground run operational checks good, no leaks noted. END

David R. Jones *David R. Jones* A&P 457906864 IA

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					
	Registration: N51GK				4151 N Main St. Fort Worth Texas 76106 817-625-2719
	Model: LC41-550FG				
	Serial: 41042				
	Engine Log Entry				
	Date: 05/10/2005	Hour Meter: 119.9	Total Time: 119.9		
	Changed oil and filter, serviced with Exxon Elite 20W50 oil and new CH48108-1 oil filter. Cut open old oil filter and inspected, no excess metal found. Engine ground operation checks good, no leak noted. END				
	David R. Jones			A&P 457906864 IA	
	Registration: N51GK				4151 N Main St. Fort Worth Texas 76106 817-625-2719
	Model: LC41-550FG				
	Serial: 41042				
	Engine Log Entry				
	Date: 06/08/2005	Hour Meter: 171.1	Total Time: 171.1		
	Drained engine oil, took warm oil sample. Serviced with 8 quarts Exxon Elite 20W50 oil and new CH48108-1 oil filter. Cut open old oil filter and inspected, no excess metal found. Engine ground operation checks good, no leak noted.				
	David R. Jones			A&P 457906864 IA	
	Registration: N51GK				4151 N Main St. Fort Worth Texas 76106 817-625-2719
	Model: LC41-550FG				
	Serial: 41042				
	Engine Log Entry				
	Date: 08/31/2005	Hour Meter: 229.0	Total Time: 229.0		
	Drained engine oil, took warm oil sample. Serviced with 7 quarts Exxon Elite 20W50 oil and new CH48108-1 oil filter. Cut open old oil filter and inspected, no excess metal found. Engine ground operation checks good, no leak noted.				
	David R. Jones			A&P 457906864 IA	

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					
	Registration: N51GK				4151 N Main St. Fort Worth Texas 76106 817-625-2719
	Model: LC41-550FG				
	Serial: 41042				
	Engine Log Entry TCM Model: TSIO-550-C(7) Serial: 914304				
	Date: 11/01/2005	Hour Meter: 289.9	Total Time: 289.9		
	Performed Annual inspection per Lancair 400 Maintenance Manual checklist. Installed new left intercooler assembly P/N 656051 S/N F05-3898-205. Installed new #6 exhaust elbow P/N 654323 and new #4 exhaust tee P/N 654325 with new gaskets P/N 652458. Drained oil, took warm oil sample for analysis; removed oil filter and cut open, no excess metal found. Serviced with 7 qts Exxon Elite 20W50 oil and new CH48108-1 oil filter. Installed new Brackett air filter element. Adjusted max manifold pressure, max fuel flow, idle speed and mixture. Ground run checks good, no leak noted. Work performed I.A.W. Lancair 400 Maintenance Manual and TCM TSIO-550 Overhaul Manual. I certify that this engine was inspected I.A.W. an Annual inspection in accordance with FAR 43 Appendix D and was determined to be airworthy.				
	David R. Jones			A&P 457906864 IA	
	Registration: N51GK				Fieldtech Avionics & Instruments, Inc. 4151 N Main St. Fort Worth Texas 76106
	Model: LC41-550FG				
	Serial: 41042				
	Engine Log Entry TCM Model: TSIO-550-C(7) Serial: 914323				
	Date: 07-27-2006	Hour Meter: 357.8	Total Time: 357.8		
	Changed oil and filter; took warm oil sample for analysis. Cut open removed oil filter and inspected filter media, no excess metal found. Serviced engine with new CH48108-1 filter and 7 quarts Exxon Elite 20W50 oil. Ground run checks good, no leaks noted. Work performed in accordance with Lancair Columbia 400 Maintenance Manual.				
	KEVIN NELMS			Pilot 455 80 2212	

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 →					
Registration: N51GK COLUMBIA Fieldtech Avionics & Instruments, Inc. Model: LC41-550FG <i>Aircraft of Texas</i> 4151 N Main St. Serial: 41042 Fort Worth Texas 76106					
Engine Log Entry TCM TSIO-550-C(7) Serial: 914304 Date: 1/15/2007 Hour Meter: 408.8 Total Time: 408.8					
Performed Annual inspection per Columbia 400 Maintenance Manual checklist. Compressions: 1) 71 2) 67 3) 64 4) 69 5) 72 6) 59/80. Drained oil, removed oil filter and cut open to inspect media, no defects found. Installed new CH48108-1 filter and 7 quarts Exxon Elite 20W50 oil. Removed starter adapter due to slipping at start; installed new starter adapter P/N 642087A65, see TCM Alabama 8130-3 for their W.O. P20526. Work performed in accordance with Columbia 400 Maintenance Manual and TCM TSIO-550-B,C & E Overhaul Manual. I certify that this engine was inspected in accordance with an Annual inspection in accordance with FAR 43 Appendix D and was determined to be airworthy.					
David R. Jones <i>David R. Jones</i> A&P 457906864 IA					
Registration: N51GK COLUMBIA Fieldtech Avionics & Instruments, Inc. Model: LC41-550FG <i>Aircraft of Texas</i> 4151 N Main St. Serial: 41042 Service Center Fort Worth Texas 76106					
Engine Log Entry TCM TSIO-550-C(7) Serial: 914304 Date: 05-24-2007 Hour Meter: 455.1 Total Time: 455.1					
Changed oil and oil filter. Drained oil and removed oil filter. Cut open removed oil filter and inspected media, no defects noted. Installed new CH48108-1 filter and 7 quarts Exxon Elite 20W50 oil. Engine operation checks satisfactory on ground run, no leak noted. Work performed in accordance with Columbia 400 Maintenance Manual.					
David R. Jones <i>David R. Jones</i> A&P 457906864 IA					

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 →																	
Tomball Jet Center Date 11/9/2007 Reg N51GK Hour Meter 507.5 9130 Max Conrad Dr. M/M Lancair Columbia 400 SN 41042 Spring, TX 77379																	
Removed starter adapter and replaced with new starter adapter P/N 642087-1A2. Ran operations check. Ops check good and returned to service.																	
<i>Joe Palmas</i> Joe Palmas A&P 3194987																	
																	
<table border="1"> <thead> <tr> <th>Date</th> <th>Tail #</th> <th>Serial #</th> <th>Hobbs</th> <th>Make</th> <th>Model</th> </tr> </thead> <tbody> <tr> <td>18 Mar 2008</td> <td>51GK</td> <td>41042</td> <td>519.3</td> <td>Columbia</td> <td>LC41-550FG</td> </tr> </tbody> </table>						Date	Tail #	Serial #	Hobbs	Make	Model	18 Mar 2008	51GK	41042	519.3	Columbia	LC41-550FG
Date	Tail #	Serial #	Hobbs	Make	Model												
18 Mar 2008	51GK	41042	519.3	Columbia	LC41-550FG												
-Completed Engine Annual Inspection IAW Manufactures Inspection Checklists and Maintenance Manuals. -Differential Compression Check: 1) 60/80 2) 72/80 3) 54/80 4) 68/80 5) 68/80 6) 56/80. Min PSI for day was 44/80. -Drained oil, removed and inspected oil filter with no defects found. Installed new CH48108-1 Oil Filter and serviced engine with 8qts of Exxon Elite 20W50. Ground run and leak check good. -Replaced Induction Air Filter, PN: BA345E. -Replaced Magneto Pressurization Filter, PN: 653386. -Replaced Oil Cooler, PN: 10279A, SN off: I04-2145-298, SN on: G07-5670-134. -Replaced Lt Turbocharger, PN: 646677, SN off: HJL00458, SN on: KGL00112. -Replaced Freon Compressor Belt Guard, PN: LB21710011-A. -Replaced Cyl #1,3,5 top Spark Plugs with new, PN: RHB32S. -Removed Lt and Rt Magneto for 500hr inspection. Installed same Rt mag, SN: 04090719 and replaced Lt Mag, PN: Slick 6320, SN off: 04090729, SN on: 07082942. Timed both mags to engine and the operational check was good. -C/W 500hr Inspection of Oil Pressure Relief Valve. All ADs have been checked and complied with through this date. This engine was found to be in airworthy condition and is returned to service.																	
<i>Abner Tisdale</i> Abner Tisdale 430909064 IA																	
																	
<table border="1"> <thead> <tr> <th>Date</th> <th>Tail #</th> <th>Serial #</th> <th>Hobbs</th> <th>Make</th> <th>Model</th> </tr> </thead> <tbody> <tr> <td>18 July 2008</td> <td>N51GK</td> <td>41042</td> <td>542</td> <td>Columbia</td> <td>LC41-550FG</td> </tr> </tbody> </table>						Date	Tail #	Serial #	Hobbs	Make	Model	18 July 2008	N51GK	41042	542	Columbia	LC41-550FG
Date	Tail #	Serial #	Hobbs	Make	Model												
18 July 2008	N51GK	41042	542	Columbia	LC41-550FG												
-C/W SL 06-001A Engine Controls by installing and rigging new throttle, prop and mixture controls. -Adjusted Prop Governor and Turbo Controller for proper RPM and Manifold Pressure. -----end-----																	
David Garvin A&P 3033332 <i>David Garvin</i>																	